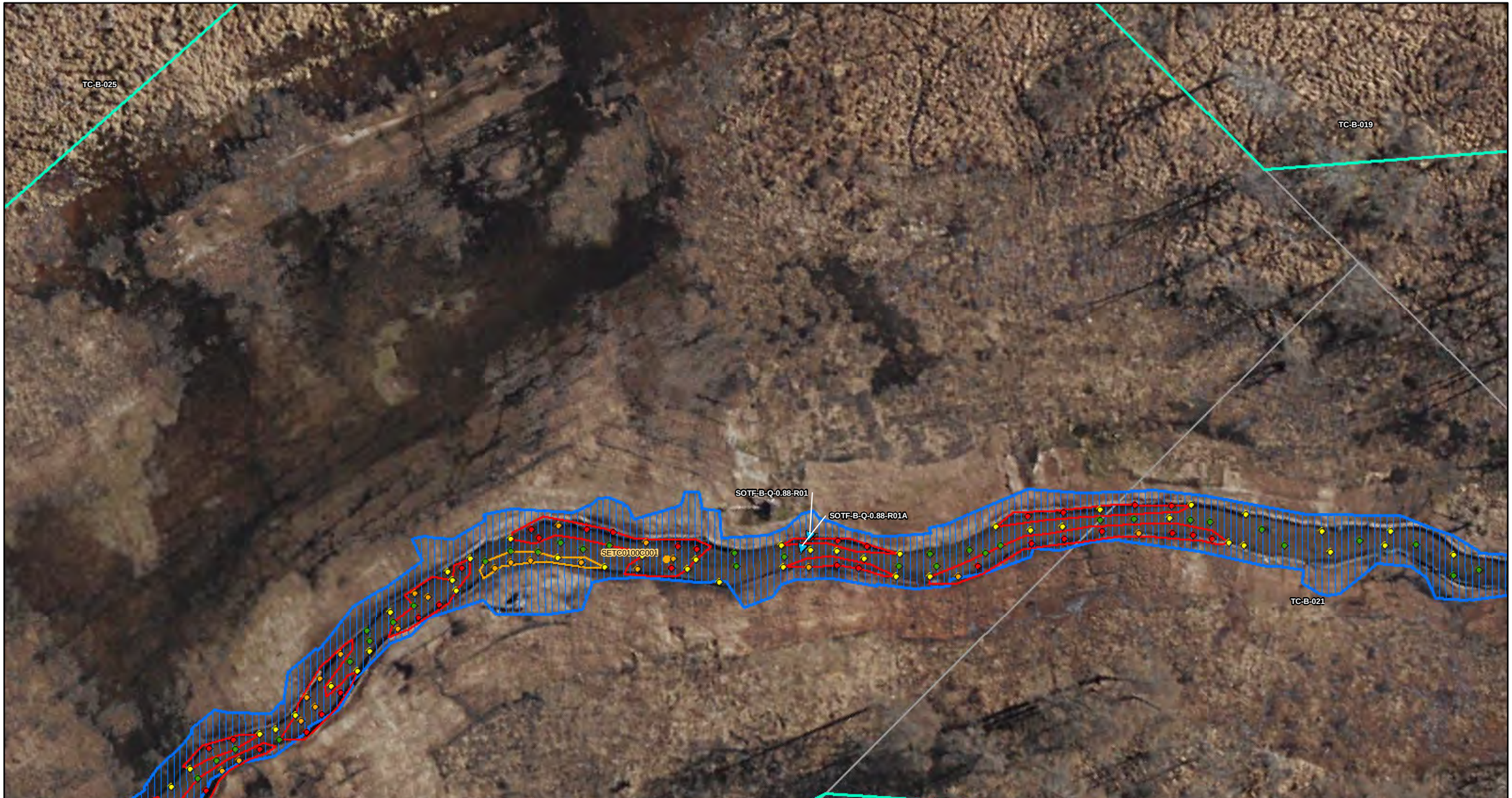

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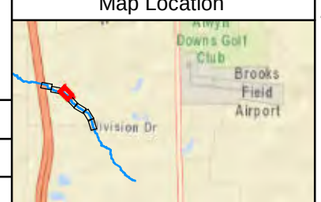
Project #:	60313732	

Map Location



Legend

TCRI Sediment Cores
- Impact Under Visible Light
- Fluoresence Observed Under UV Light
- Trace Fluoresence Under UV Light
- Surficial Impact Observed in Field
- No Impacts Observed
- TCRI Sampled Location

Data Gap Sample
- Oil
- Visible Sheen
- Fluoresced Oil
- Trace Fluorescence
- No Oil Observed

- SOTF Sediment Sample
- 2011 Talmadge Excavation

Poling Delineation
- Heavy
- Moderate
- Light

2011 Poling
- Heavy
- Moderate
- Light
- None
- Reach 3 Spill Area
- Parcel

- Quarter Mile Grid Segments
- Pipeline

N

0 15 30 60
Scale in Feet

FIGURE 9
REACH 3
SEDIMENT CORE LOCATIONS
AND POLING LOCATIONS
SHEET 6 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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Aerial Photography Date: April 2011

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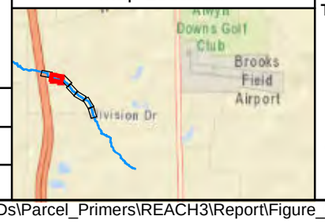
Project #:	60313732	

Map Location



Legend

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- Pipeline

N

0 15 30 60
Scale in Feet

FIGURE 9
REACH 3
SEDIMENT CORE LOCATIONS
AND POLING LOCATIONS
SHEET 7 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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Map Location

Legend

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N

0 15 30 60
Scale in Feet

FIGURE 9
REACH 3
SEDIMENT CORE LOCATIONS
AND POLING LOCATIONS
SHEET 8 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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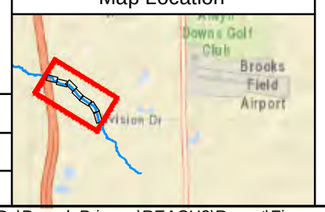

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 100 200 400

Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 1 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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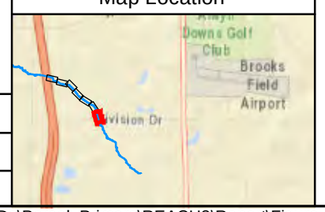

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60
Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 2 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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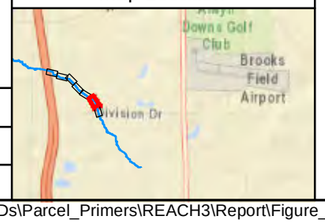

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60
Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 3 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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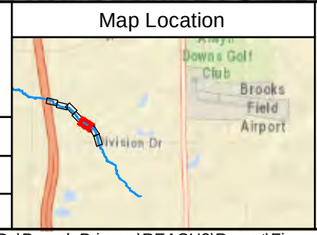
Map Location



Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60
Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 4 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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Map Location

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60

Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 5 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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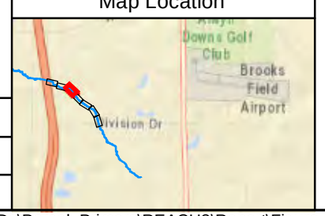
Map Location



Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60
Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 6 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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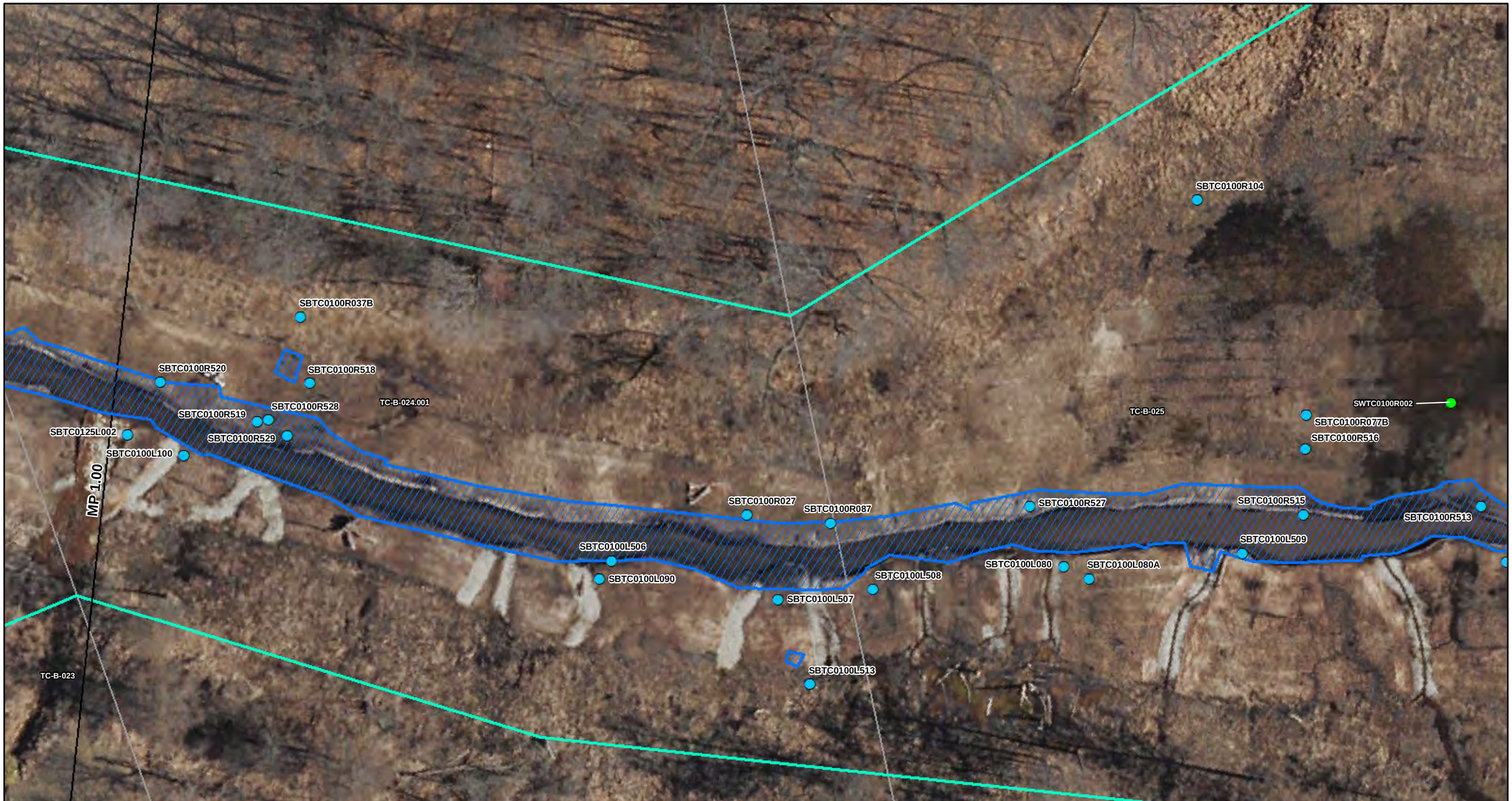

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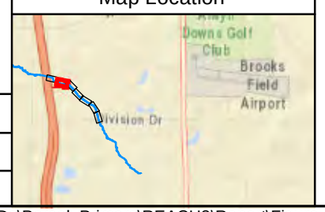

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60

Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 7 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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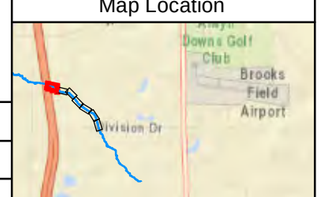

Legend

- 2011 Talmadge Excavation
- Surface Water Sample
- Temporary Well Location
- Pipeline
- Reach 3 Spill Area
- Parcel
- Quarter Mile Grid Segments

N

0 15 30 60

Scale in Feet

FIGURE 10
REACH 3
GROUNDWATER AND SURFACE WATER
SAMPLE LOCATIONS
SHEET 8 OF 8

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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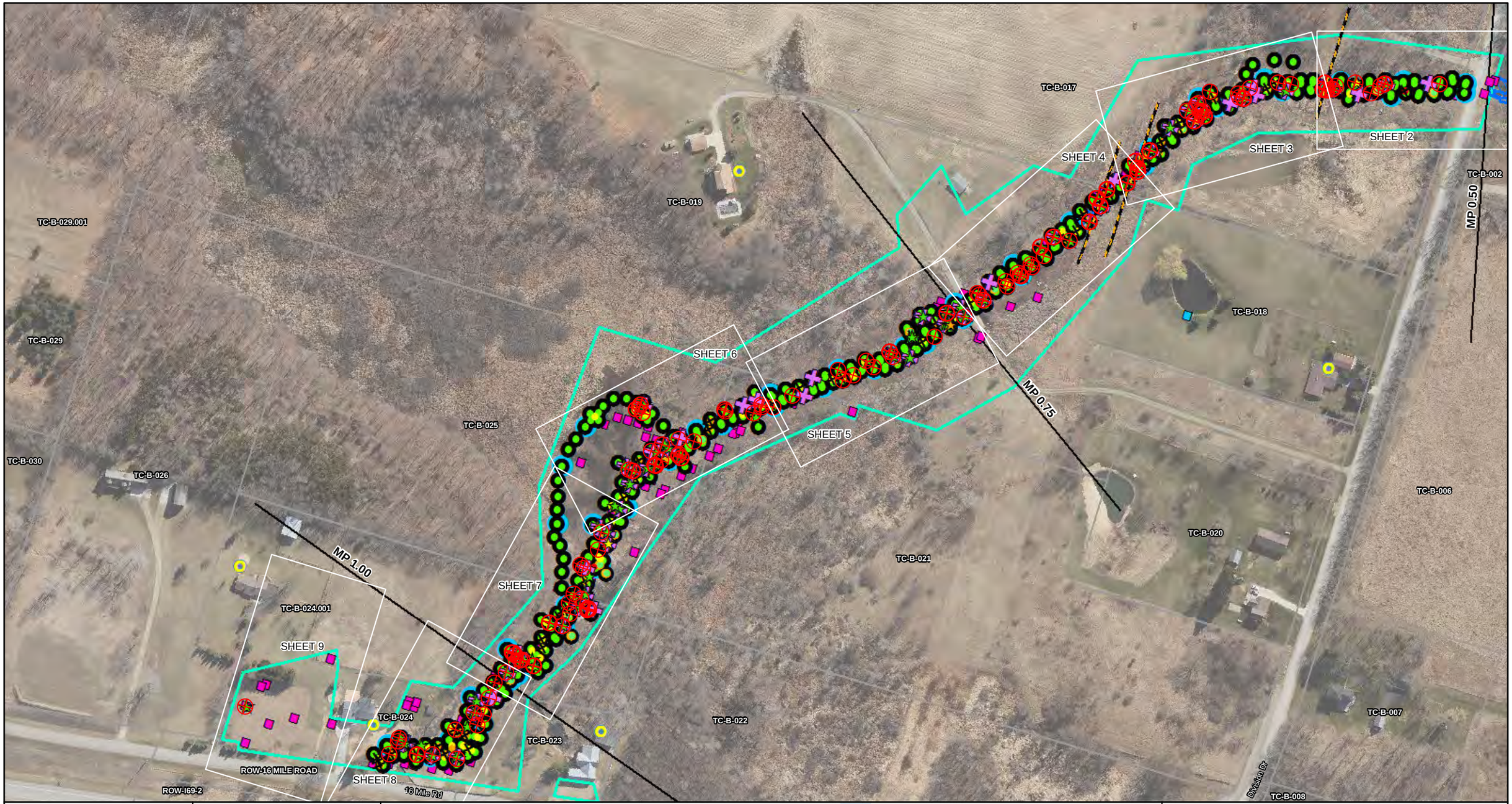

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Map Location

Data Gap Sample Observations

- Oil
- Visible Sheen
- Fluoresced Oil
- Trace Fluorescence
- No Oil Observed

TCRI Cores

- Impact Under Visible Light
- Fluoresence Observed Under UV Light
- Trace Fluoresence Under UV Light
- Surficial Impact Observed in Field
- No Impacts Observed
- TCRI Sampled Location

- TCRI Temp Well
- Potable Well
- Sediment Sample
- Soil Sample
- Surface Water Sample

- Excavated Area
- Quarter Mile Grid Segments
- Data Gap Temporary Well
- SPLP Sample
- Parcel
- Reach 3 Spill Area
- Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 100 200 400
Scale in Feet

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 1 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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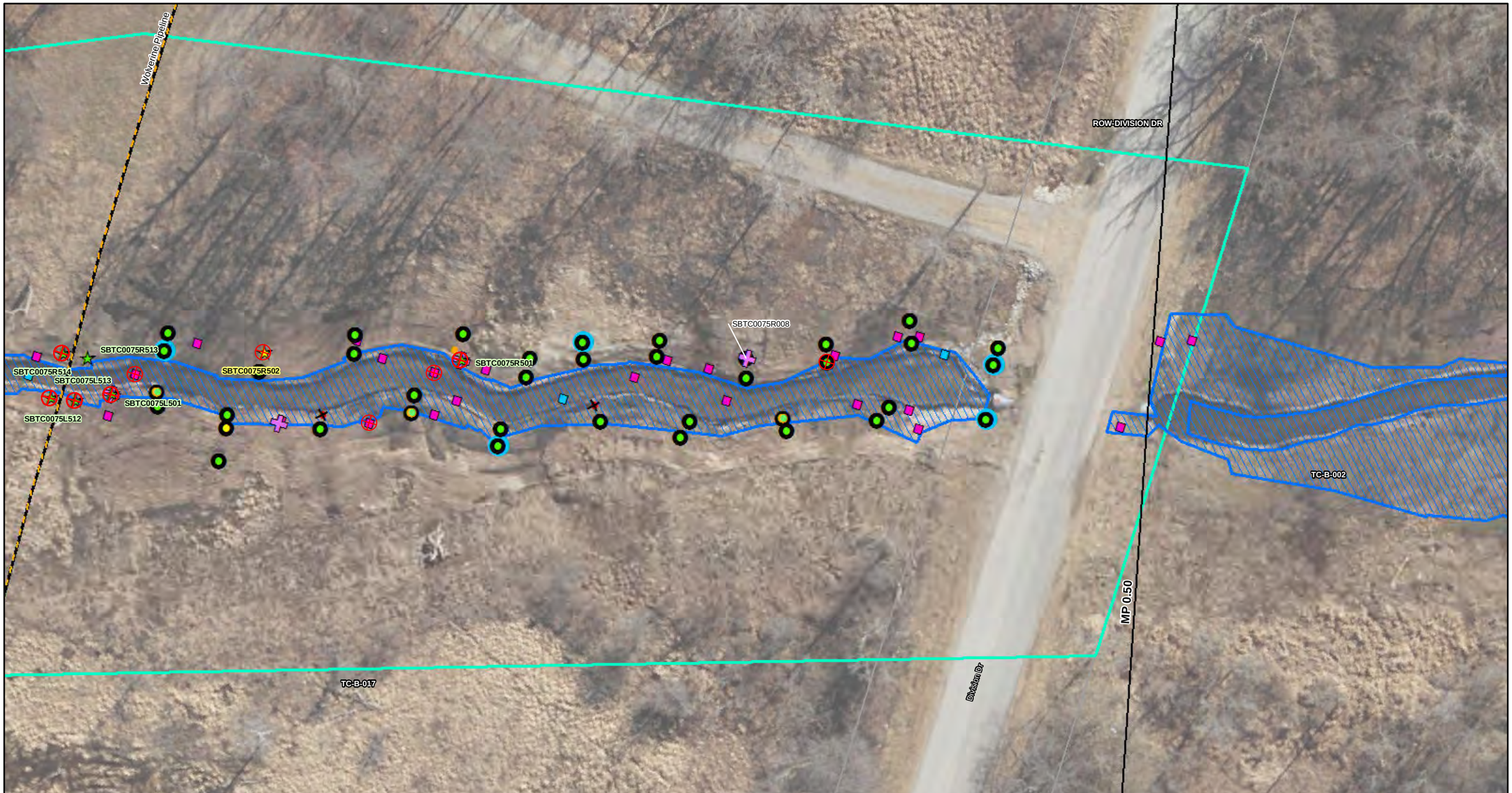

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- Impact Under Visible Light
- Fluoresence Observed Under UV Light
- Trace Fluoresence Under UV Light
- Surficial Impact Observed in Field
- No Impacts Observed
- TCRI Sampled Location

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

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- Potable Well
- Sediment Sample
- Soil Sample
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- Excavated Area
- Quarter Mile Grid Segments
- Data Gap Temporary Well
- SPLP Sample
- Parcel
- Reach 3 Spill Area
- Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 2 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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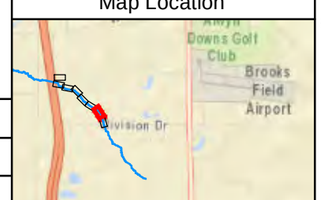

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TCRI Temp Well
Potable Well
Sediment Sample
Soil Sample
Surface Water Sample

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

Excavated Area
Quarter Mile Grid Segments
Data Gap Temporary Well
SPLP Sample
Parcel
Reach 3 Spill Area
Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 3 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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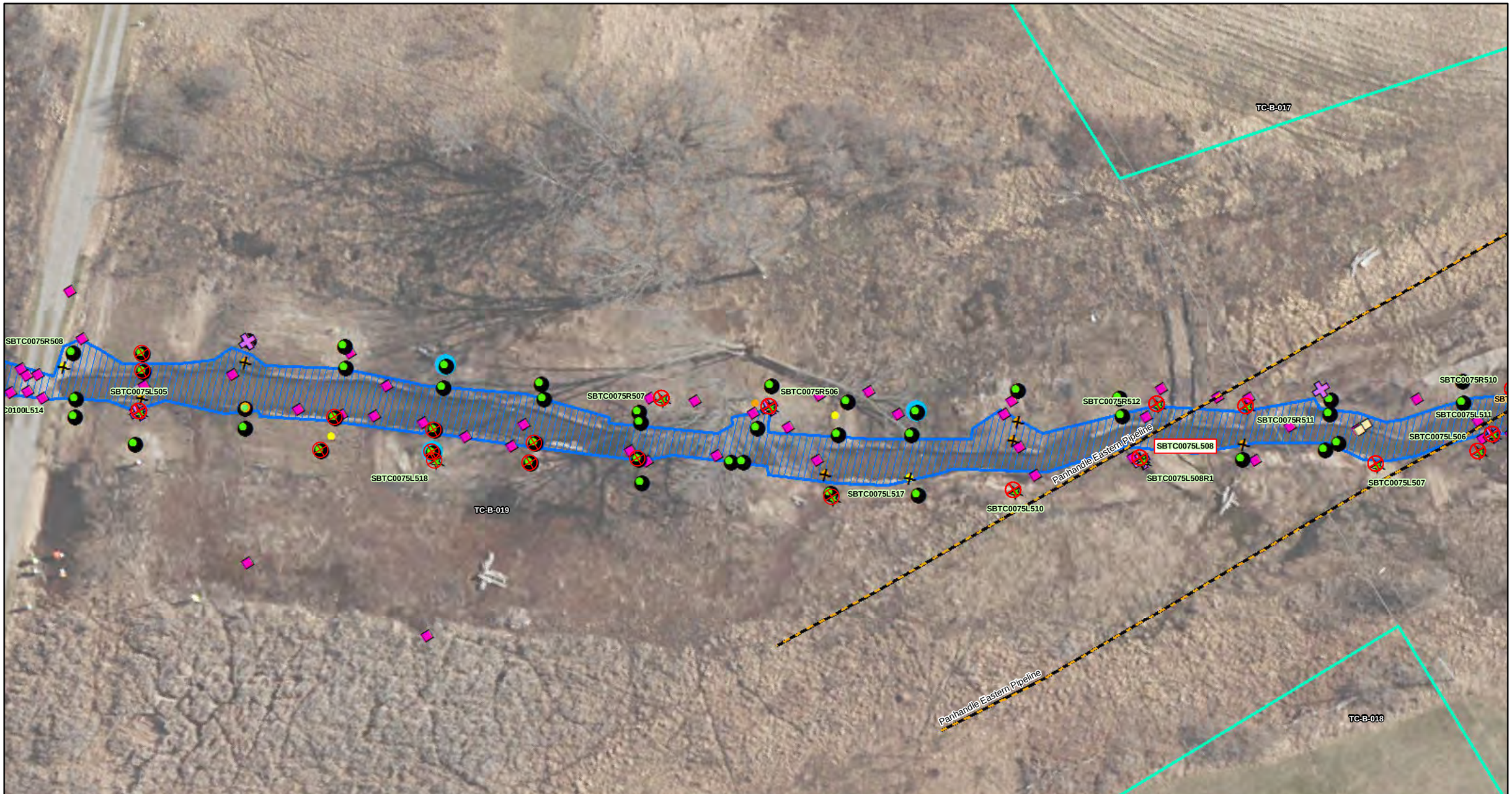

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- Potable Well
- Sediment Sample
- Soil Sample
- Surface Water Sample

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

- Excavated Area
- Quarter Mile Grid Segments
- Data Gap Temporary Well
- SPLP Sample
- Parcel
- Reach 3 Spill Area
- Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 4 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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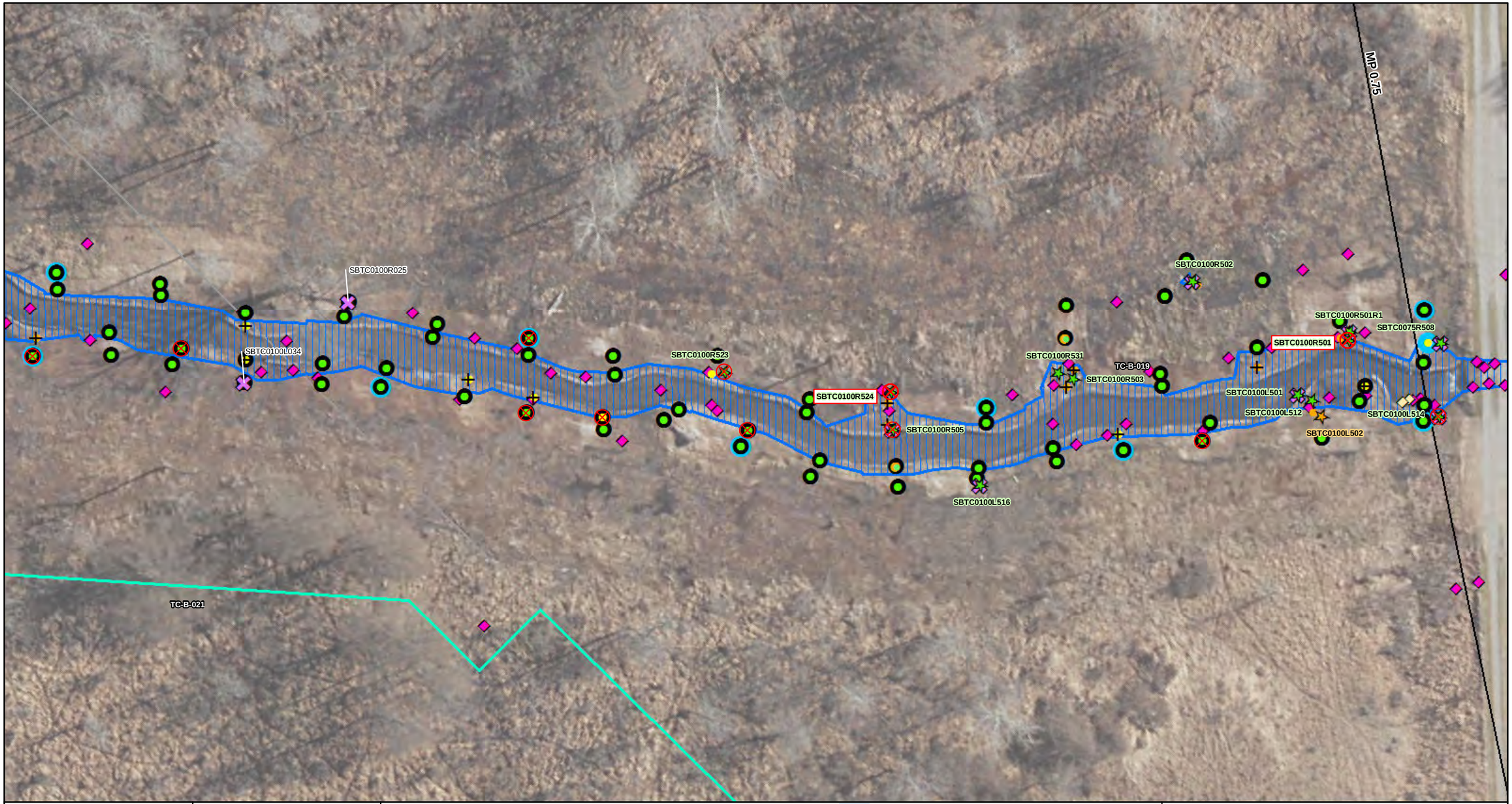

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UV Ultraviolet

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SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 5 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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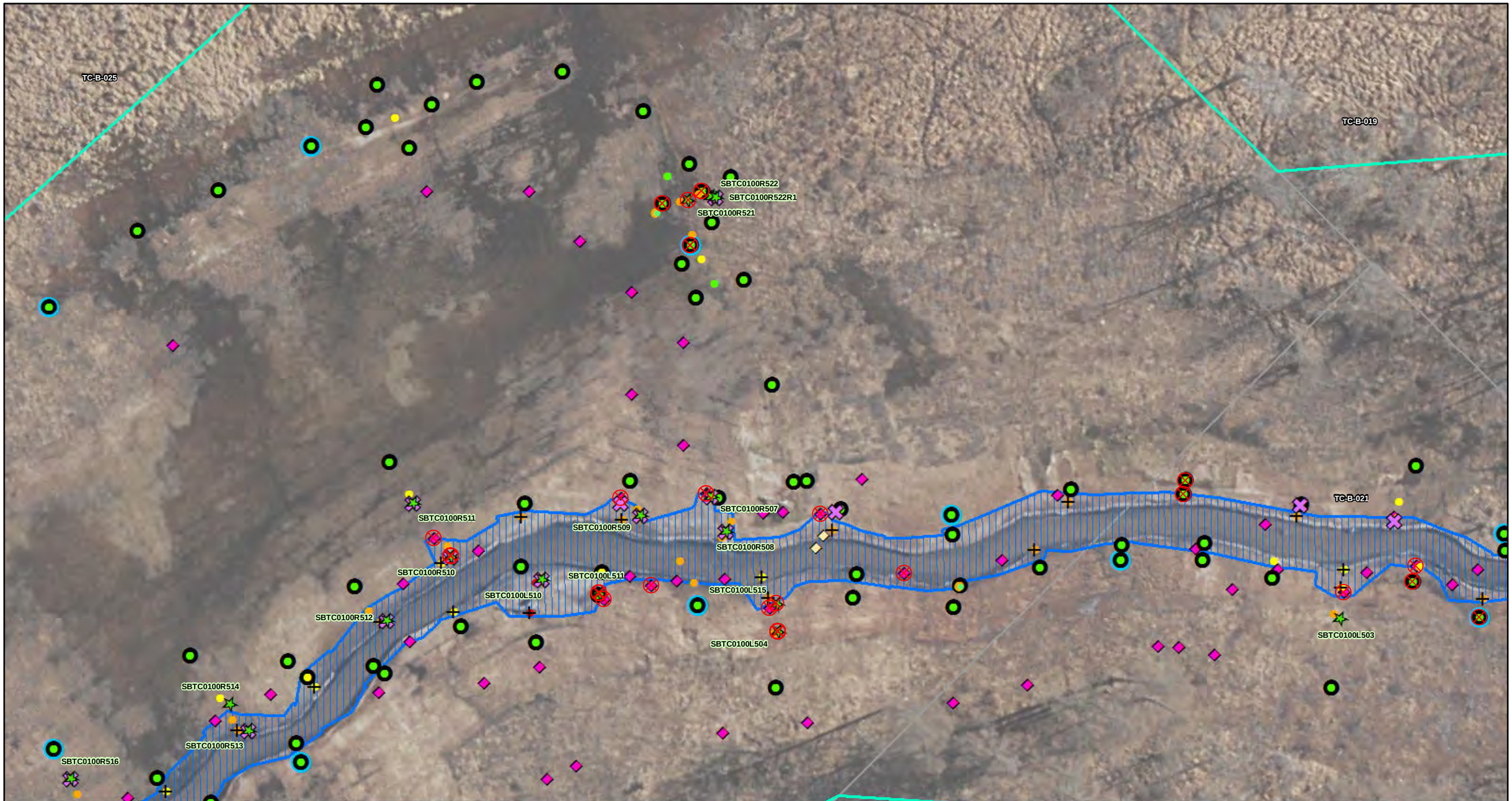

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SETC0200C008 Sample Location With Analytical Exceedance

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Scale in Feet

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 6 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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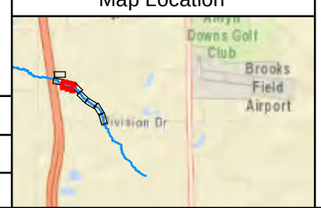

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Potable Well
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TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

Excavated Area
Quarter Mile Grid Segments
Data Gap Temporary Well
SPLP Sample
Parcel
Reach 3 Spill Area
Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 7 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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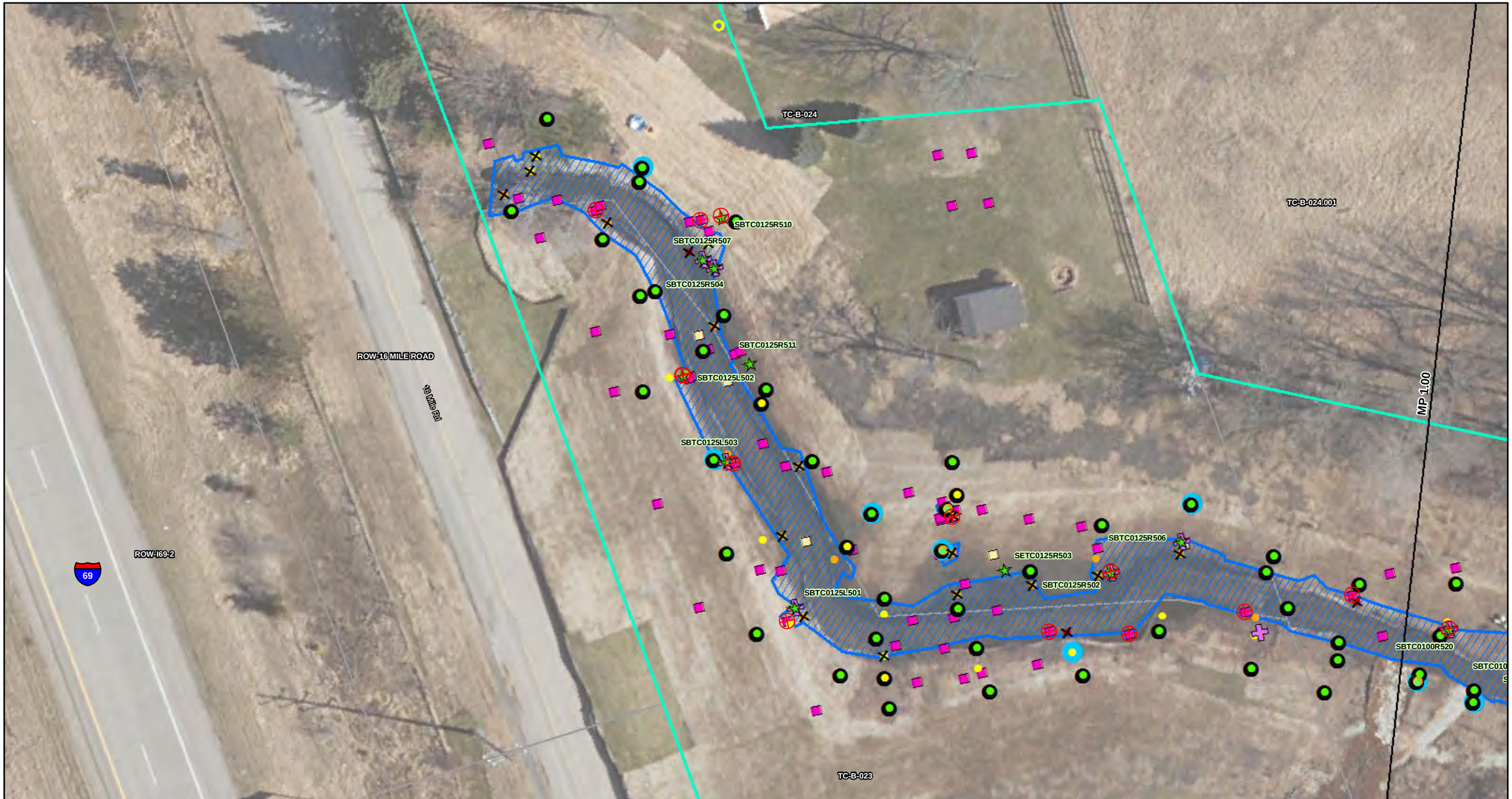
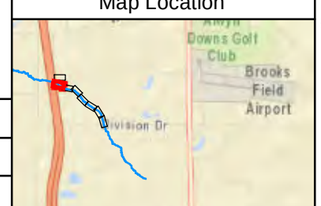
Aerial Photography Date: April 2011



ENBRIDGE

Drawn:	NS	10/6/2014
Approved:	PL	10/6/2014
Project #:	60313732	

Map Location



Data Gap Sample Observations

- Oil
- Visible Sheen
- Fluoresced Oil
- Trace Fluorescence
- No Oil Observed

TCRI Soil Cores

- Impact Under Visible Light
- Fluoresence Observed Under UV Light
- Trace Fluoresence Under UV Light
- Surficial Impact Observed in Field
- No Impacts Observed
- TCRI Sampled Location

TCRI Temp Well
Potable Well
Sediment Sample
Soil Sample
Surface Water Sample

TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

Excavated Area
Quarter Mile Grid Segments
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Reach 3 Spill Area
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SETC0200C008 Sample Location With Analytical Exceedance

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Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 8 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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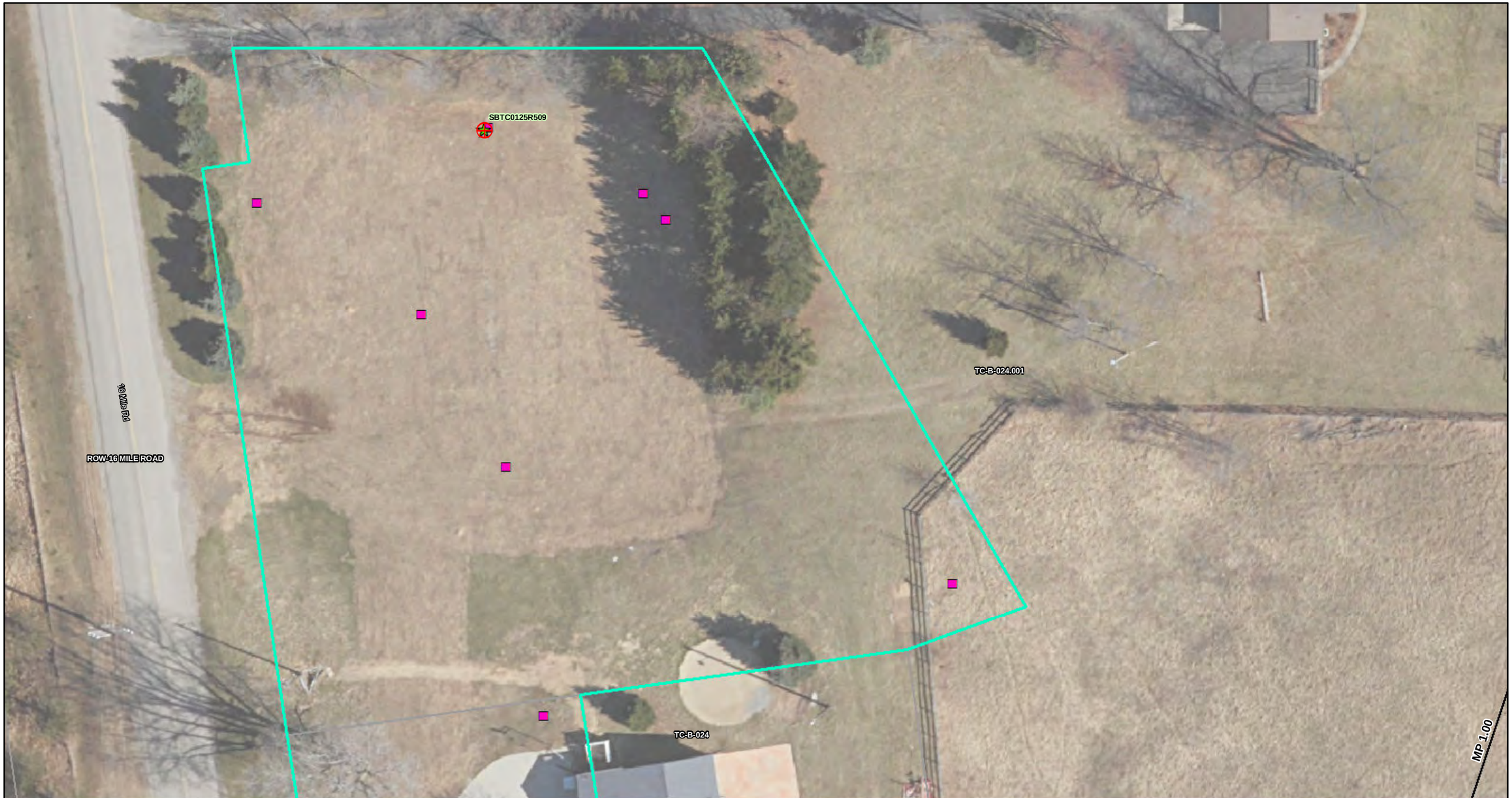
Aerial Photography Date: April 2011



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Drawn:	NS	10/6/2014
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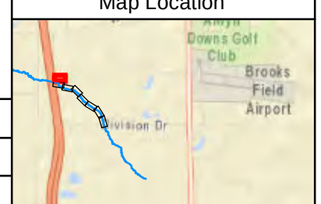
Map Location



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TCRI Talmadge Creek Remedial Investigation
UV Ultraviolet

- TCRI Temp Well
- Potable Well
- Sediment Sample
- Soil Sample
- Surface Water Sample
- Excavated Area
- Quarter Mile Grid Segments
- Data Gap Temporary Well
- SPLP Sample
- Parcel
- Reach 3 Spill Area
- Pipeline

SETC0200C008 Sample Location With Analytical Exceedance

N

0 15 30 60
Scale in Feet

FIGURE 11
REACH 3
DATA GAP SAMPLE LOCATIONS 2013 - 2014
SHEET 9 OF 9

ENBRIDGE LINE 6B MP 608
MARSHALL, MI PIPELINE RELEASE
ENBRIDGE ENERGY, LIMITED PARTNERSHIP

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Aerial Photography Date: April 2011

Tables

Table 1. Reach 3 Potable Water Analytical Data
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	7/31/2010 7:35 PM	9/1/2010 3:00 PM	9/4/2010 3:35 PM	9/17/2010 5:48 PM	9/17/2010 5:48 PM	10/13/2010 3:07 PM	10/29/2010 1:26 PM	2/23/2012 3:15 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A
	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
Carbon													
Total Organic Carbon	mg/l	NCE	NCE	NCE		---	**0.9**	**0.9**	**0.81**	---	**1.4**	**0.69**	---
Metals													
Aluminum	mg/l	0.05(B)(V)	(B)NA	(B)NLV	0.05	---	< 0.005	< 0.005	---	---	---	---	---
Antimony	mg/l	0.006(A)	0.13(X)	NLV	0.002	---	**0.002**	< 0.001	---	< 0.001	< 0.005	< 0.001	---
Arsenic	mg/l	0.01(A)	0.01(X)	NLV	0.005	---	**0.012**	**0.012**	---	**0.011**	**0.011**	**0.011**	---
Barium	mg/l	2(B)(A)	1.1(B)(G)	(B)NLV	0.1	---	**0.371**	**0.374**	---	**0.375**	**0.37**	**0.385**	---
Beryllium	mg/l	0.004(A)	0.02(G)	NLV	0.001	---	< 0.0008	< 0.0008	---	< 0.0008	< 0.001	< 0.001	< 0.0010
Cadmium	mg/l	0.005(B)(A)	0.0042(B)(G,X)	(B)NLV	0.001	---	< 0.0005	< 0.0005	---	< 0.0005	< 0.0005	< 0.0005	---
Calcium	mg/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	---
Chromium (Total)	mg/l	NCE	0.15	NCE	0.01	---	< 0.005	< 0.005	---	< 0.005	< 0.005	< 0.001	---
Cobalt	mg/l	0.04	0.1	NLV	0.02	---	< 0.005	< 0.005	---	< 0.005	< 0.005	< 0.005	---
Copper	mg/l	1(B)(E)	0.018(B)(G)	(B)NLV	0.004	---	**0.002**	**0.003**	---	< 0.001	**0.006**	< 0.004	---
Iron	mg/l	0.3(B)(E)	(B)NA	(B)NLV	0.2	---	**3.7**	**3.18**	---	**4.32**	**4.47**	**3.79**	**41**
Lead	mg/l	0.004(B)(L)	0.04(B)(G,X)	(B)NLV	0.003	---	< 0.001	< 0.001	---	< 0.001	< 0.003	< 0.001	---
Magnesium	mg/l	400(B)	(B)NA	(B)NLV	1	---	---	---	---	---	---	---	---
Manganese	mg/l	0.05(B)(E)	4.1(B)(G,X)	(B)NLV	0.05	---	**0.107**	**0.109**	---	**0.12**	**0.119**	**0.128**	---
Mercury (Total)	mg/l	0.002(B,Z)(A)	1.3e-006(B,Z)	0.056(B,Z)(S)	1e-006	---	< 0.0001	< 0.0001	---	< 0.0001	< 0.0001	< 0.0001	< 0.00020
Mercury (Total)	ug/l	2(B,Z)(A)	0.0013(B,Z)	56(B,Z)(S)	0.001	---	---	---	---	---	---	---	---
Molybdenum	mg/l	0.073(B)	3.2(B)(X)	(B)NLV	0.05	---	---	---	---	< 0.005	< 0.005	< 0.005	< 0.050
Nickel	mg/l	0.1(B)(A)	0.11(B)(G)	(B)NLV	0.02	---	< 0.005	< 0.005	---	< 0.005	< 0.005	< 0.005	< 0.020
Potassium	mg/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	---
Selenium	mg/l	0.05(B)(A)	0.005(B)	(B)NLV	0.005	---	< 0.005	< 0.005	---	< 0.005	< 0.005	< 0.005	---
Silver	mg/l	0.034(B)	0.0002(B)(M);0.06	(B)NLV	0.0002	---	< 0.0005	< 0.0005	---	< 0.0005	< 0.0005	< 0.0005	---
Sodium	mg/l	120	NA	NLV	1	---	---	---	---	---	---	---	---
Thallium	mg/l	0.002(B)(A)	0.0037(B)(X)	(B)NLV	0.002	---	< 0.0004	< 0.0004	---	< 0.0004	< 0.001	< 0.0004	---
Titanium	mg/l	NCE	NCE	NCE		---	---	---	---	---	---	---	< 0.0050
Vanadium	mg/l	0.0045	0.027	NLV	0.004	---	< 0.004	< 0.004	---	< 0.004	< 0.004	< 0.004	< 0.0040
Zinc	mg/l	2.4(B)	0.24(B)(G)	(B)NLV	0.05	---	< 0.005	**0.006**	---	**0.006**	**0.008**	**0.005**	---

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	7/31/2010 7:35 PM	9/1/2010 3:00 PM	9/4/2010 3:35 PM	9/17/2010 5:48 PM	9/17/2010 5:48 PM	10/13/2010 3:07 PM	10/29/2010 1:26 PM	2/23/2012 3:15 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A
	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
PCB													
Aroclor 1016	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1221	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1232	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1242	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1248	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1254	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Aroclor 1260	ug/l	(J)	(J)	(J)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Chlordane	ug/l	2(J)(A)	2(J)(M);0.00025	56(J)(S)	0.05	---	---	---	< 0.25	---	< 0.24	< 0.24	---
Polychlorinated biphenyls (PCBs), total	ug/l	0.5(J,T)(A)	0.2(J,T)(M);0.000026	45(J,T)(S)	0.2	---	---	---	< 0.5	---	< 0.47	< 0.47	---
Toxaphene	ug/l	3(A)	1(M);0.000068	NLV	1	---	---	---	< 2.5	---	< 2.4	< 2.4	---
PCB/Pest													
Hexachlorocyclopentadiene (C-56)	mg/l	0.05(A)	ID	0.13	0.005	---	---	---	---	---	---	---	---
Methoxychlor	mg/l	0.04(A)	NA	ID	0.0005	---	---	---	---	---	---	---	---
Polychlorinated biphenyls (PCBs), total	mg/l	0.0005(J,T)(A)	0.0002(J,T)(M);0.000026	0.045(J,T)(S)	0.0002	---	< 0.0005	< 0.0005	---	---	---	---	---
PNA													
1,2,4-Trichlorobenzene	ug/l	70(A)	99(X)	300000(S)	5	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	600(A)	13	160000(S)	1	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/l	6.6	28	18000	1	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	75(A)	17	16000	1	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenol	ug/l	730	NA	NLV	5	---	---	---	---	---	---	---	---
2,4,6-Trichlorophenol	ug/l	120	5	NLV	4	---	---	---	---	---	---	---	---
2,4-Dichlorophenol	ug/l	73	11	NLV	10	---	---	---	---	---	---	---	---
2,4-Dimethylphenol	ug/l	370	380	NLV	5	---	---	---	---	---	---	---	---
2,4-Dinitrophenol	ug/l	NCE	NCE	NCE	25	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene	ug/l	7.7	NA	NLV	5	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	---
2-Chloronaphthalene	ug/l	1800	NA	ID	5	---	---	---	---	---	---	---	---
2-Chlorophenol	ug/l	45	18	490000	10	---	---	---	---	---	---	---	---
2-Methyl-4,6-dinitrophenol	ug/l	20(M);2.6	NA	NLV	20	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 1	---	---	---	---	---	---	---
2-Methylphenol	ug/l	(J)	(J)	(J)	10	---	---	---	---	---	---	---	---
2-Nitroaniline	ug/l	NCE	NCE	NCE	25	---	---	---	---	---	---	---	---
2-Nitrophenol	ug/l	20	ID	NLV	5	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	ug/l	1.1	0.3(M);0.2	NLV	0.3	---	---	---	---	---	---	---	---
3-Nitroaniline	ug/l	NCE	NCE	NCE	25	---	---	---	---	---	---	---	---

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	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
4-Bromophenyl phenylether	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	---
4-Chloro-3-methylphenol	ug/l	150	7.4	NLV	5	---	---	---	---	---	---	---	---
4-Chloroaniline	ug/l	NCE	NCE	NCE	10	---	---	---	---	---	---	---	---
4-Chlorophenyl phenylether	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	---
4-Methylphenol	ug/l	(J)	(J)	(J)	10	---	---	---	---	---	---	---	---
4-Nitroaniline	ug/l	NCE	NCE	NCE	25	---	---	---	---	---	---	---	---
4-Nitrophenol	ug/l	NCE	NCE	NCE	25	---	---	---	---	---	---	---	---
Acenaphthene	ug/l	1300	38	4200(S)	5	< 1	---	---	---	---	---	---	---
Acenaphthylene	ug/l	52	ID	3900(S)	5	< 1	---	---	---	---	---	---	---
Anthracene	ug/l	43(S)	ID	43(S)	5	< 1	---	---	---	---	---	---	---
Benzo(a)anthracene	ug/l	2.1(Q)	(Q)ID	(Q)NLV	1	< 1	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/l	5(Q)(A)	(Q)ID	(Q)NLV	1	< 1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/l	1.5(Q)(S,AA)	(Q)ID	(Q)ID	1	< 1	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ug/l	1(M);0.26(S)	ID	NLV	1	< 1	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ug/l	1(Q)(M);0.8(S)	(Q)NA	(Q)NLV	1	< 1	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	ug/l	2(I)	1(I)(M);0.79	38000(I)	1	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	ug/l	6(A)	25	NLV	5	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	ug/l	1200	67(X)	NLV	5	---	---	---	---	---	---	---	---
Carbazole	ug/l	85	10(M);4	NLV	10	---	---	---	---	---	---	---	---
Chrysene	ug/l	1.6(Q)(S)	(Q)ID	(Q)ID	1	< 1	---	---	---	---	---	---	---
Dibenzo(a,h)anthracene	ug/l	2(Q)(M);0.21	(Q)ID	(Q)NLV	2	< 1	---	---	---	---	---	---	---
Dibenzofuran	ug/l	ID	4	10000(S)	4	---	---	---	---	---	---	---	---
Diethyl phthalate	ug/l	5500	110	NLV	5	---	---	---	---	---	---	---	---
Dimethyl phthalate	ug/l	73000	NA	NLV	5	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	ug/l	880	9.7	NLV	5	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	ug/l	130	ID	NLV	5	---	---	---	---	---	---	---	---
Fluoranthene	ug/l	210(S)	1.6	210(S)	1	< 1	---	---	---	---	---	---	---
Fluorene	ug/l	880	12	2000(S)	5	< 1	---	---	---	---	---	---	---
Hexachlorobenzene (C-66)	ug/l	1(A)	0.2(C-66)(M);0.0003	440	0.2	---	---	---	---	---	---	---	---
Hexachlorobutadiene (C-46)	ug/l	15	0.053(C-46)	1600	0.05	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene (C-56)	ug/l	50(A)	ID	130	5	---	---	---	---	---	---	---	---
Hexachloroethane	ug/l	7.3	6.7(X)	27000	5	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/l	2(Q)(M);0.022(S)	(Q)ID	(Q)NLV	2	< 1	---	---	---	---	---	---	---
Isophorone	ug/l	770	1300(X)	NLV	5	---	---	---	---	---	---	---	---

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	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
Naphthalene	ug/l	520	11	31000(S)	5	< 1	---	---	---	---	---	---	---
Nitrobenzene	ug/l	3.4(I)	180(I)(X)	280000(I)	3	---	---	---	---	---	---	---	---
n-Nitroso-di-n-propylamine	ug/l	5(M);0.19	NA	NLV	5	---	---	---	---	---	---	---	---
N-Nitrosodiphenylamine	ug/l	270	NA	NLV	5	---	---	---	---	---	---	---	---
Pentachlorophenol	ug/l	1(A)	2.8(G,X) pH=7	NLV	1	---	---	---	---	---	---	---	---
Phenanthrene	ug/l	52	2(M);1.4	1000(S)	2	< 1	---	---	---	---	---	---	---
Phenol	ug/l	4400	450	NLV	5	---	---	---	---	---	---	---	---
Pyrene	ug/l	140(S)	ID	140(S)	5	< 1	---	---	---	---	---	---	---
Total PAHs, MDEQ List	ug/l	NCE	NCE	NCE		< 1	---	---	---	---	---	---	---
PNA/Pest													
Alachlor	ug/l	2(A)	11(X)	NLV	1	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Aldrin	ug/l	0.098	0.01(M);0.0000087	180(S)	0.01	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Atrazine	ug/l	3(A)	7.3(X)	NLV	3	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Benzo(a)pyrene	ug/l	5(Q)(A)	(Q)ID	(Q)NLV	1	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Bis(2-ethylhexyl)phthalate	ug/l	6(A)	25	NLV	5	---	**0.6**	< 0.5	< 2	---	< 2	< 1.9	---
Butachlor	ug/l	NCE	NCE	NCE		---	< 0.2	< 0.2	< 0.49	---	< 0.5	< 0.49	---
Di(2-ethylhexyl) adipate	ug/l	400(A)	ID	NLV	5	---	< 0.2	< 0.2	< 1.5	---	< 1.5	< 1.5	---
Dieldrin	ug/l	0.11	0.02(M);0.0000065	200(S)	0.02	---	< 0.2	< 0.2	< 0.49	---	< 0.5	< 0.49	---
Endrin	ug/l	2(A)	ID	NLV	0.02	---	< 0.2	< 0.2	< 0.49	---	< 0.5	< 0.49	---
Heptachlor	ug/l	0.4(A)	0.01(M);0.0018	180(S)	0.01	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Heptachlor epoxide	ug/l	0.2(A)	ID	NLV	0.01	---	< 0.2	< 0.2	< 0.39	---	< 0.4	< 0.39	---
Hexachlorobenzene (C-66)	ug/l	1(A)	0.2(C-66)(M);0.0003	440	0.2	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Hexachlorocyclopentadiene (C-56)	ug/l	50(A)	ID	130	5	---	< 0.2	< 0.2	< 2	---	< 2	< 1.9	---
Lindane (gamma BHC)	ug/l	0.2(A)	0.03(M);0.026	ID	0.03	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Methoxychlor	ug/l	40(A)	NA	ID	0.5	---	< 0.2	< 0.2	< 0.49	---	< 0.5	< 0.49	---
Metolachlor	ug/l	240	15NA	NLV	10	---	< 0.2	< 0.2	< 0.2	---	**0.025**	< 0.19	---
Metribuzin	ug/l	180	NA	ID	0.1	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Phenanthrene	ug/l	52	2(M);1.4	1000(S)	2	---	---	---	---	---	---	---	< 2.0
Propachlor	ug/l	95	NA	NLV	50	---	< 0.2	< 0.2	< 0.2	---	< 0.2	< 0.19	---
Simazine	ug/l	4(A)	17NA	NLV	4	---	< 0.2	< 0.2	< 0.49	---	< 0.5	< 0.49	---
Solids													
Total Suspended Solids	mg/l	NCE	NCE	NCE		---	**1**	**5**	---	**4**	**8**	**6**	---

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	7/31/2010 7:35 PM	9/1/2010 3:00 PM	9/4/2010 3:35 PM	9/17/2010 5:48 PM	9/17/2010 5:48 PM	10/13/2010 3:07 PM	10/29/2010 1:26 PM	2/23/2012 3:15 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A
	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
TPH													
Diesel Range Organics (C10-C20)	mg/l	NCE	NCE	NCE	0.1	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	NCE	NCE	NCE	100	---	< 100	< 100	---	< 100	< 100	< 100	---
Diesel Range Organics (C10-C38)	ug/l	NCE	NCE	NCE	100	< 100	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	NCE	NCE	NCE	100	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	NCE	NCE	NCE	100	< 100	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	NCE	NCE	NCE	100	---	---	---	---	---	---	< 200	---
Oil Range Organics (C20-C34)	mg/l	NCE	NCE	NCE	0.5	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	NCE	NCE	NCE	500	---	< 100	< 100	---	< 100	< 100	< 100	---
Specific Identification of Gasoline	ug/l	NCE	NCE	NCE		---	< 200	< 200	---	< 200	< 200	---	---
VOC													
1,1,1,2-Tetrachloroethane	ug/l	77	ID	15000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1,1-Trichloroethane	ug/l	200(A)	89	660000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1,2,2-Tetrachloroethane	ug/l	8.5	78(X)	12000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	170000(S)	32	170000(S)	1	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/l	5(A)	330(X)	17000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1-Dichloroethane	ug/l	880	740	1e+006	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1-Dichloroethylene	ug/l	7(I)(A)	130(I)	200(I)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,1-Dichloropropene	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2,3-Trichlorobenzene	ug/l	NCE	NCE	NCE	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2,3-Trichloropropane	ug/l	42	NA	8300	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2,3-Trimethylbenzene	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 5.0
1,2,4-Trichlorobenzene	ug/l	70(A)	99(X)	300000(S)	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2,4-Trimethylbenzene	ug/l	63(I)(E)	17(I)	56000(I)(S)	1	< 2	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
1,2-Dichlorobenzene	ug/l	600(A)	13	160000(S)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2-Dichloroethane	ug/l	5(I)(A)	360(I)(X)	9600(I)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,2-Dichloropropane	ug/l	5(I)(A)	230(I)(X)	16000(I)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,3,5-Trimethylbenzene	ug/l	72(I)(E)	45(I)	61000(I)(S)	1	< 2	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
1,3-Dichlorobenzene	ug/l	6.6	28	18000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,3-Dichloropropane	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,3-Dichloropropene, cis	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,3-Dichloropropene, trans	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
1,4-Dichloro-2-butene, trans	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	75(A)	17	16000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
2,2-Dichloropropane	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
2-Butanone (MEK)	ug/l	13000(I)	2200(I)	2.4e+008(I)(S)	25	---	---	---	---	---	---	---	---

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	7/31/2010 7:35 PM	9/1/2010 3:00 PM	9/4/2010 3:35 PM	9/17/2010 5:48 PM	9/17/2010 5:48 PM	10/13/2010 3:07 PM	10/29/2010 1:26 PM	2/23/2012 3:15 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A
	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
2-Chlorotoluene	ug/l	150(I)	(I)ID	220000(I)	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
2-Hexanone	ug/l	1000	ID	4.2e+006	50	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 5	---	---	---	---	---	---	< 5.0
4-Chlorotoluene	ug/l	NCE	NCE	NCE	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
4-Methyl-2-pentanone (MIBK)	ug/l	1800(I)	(I)ID	2e+007(I)(S)	50	---	---	---	---	---	---	---	---
Acetone	ug/l	730(I)	1700(I)	1e+009(I)(D,S)	50	---	---	---	---	---	---	---	---
Acrylonitrile	ug/l	2.6(I)	2(I)(M);1.2	34000(I)	2	---	---	---	---	---	---	---	---
Benzene	ug/l	5(I)(A)	200(I)(X)	5600(I)	1	< 1	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
Bromobenzene	ug/l	18(I)	(I)NA	180000(I)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Bromochloromethane	ug/l	NCE	NCE	NCE	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Bromodichloromethane	ug/l	80(A,W)	ID	4800	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Bromoform	ug/l	80(A,W)	ID	470000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Bromomethane	ug/l	10	35	4000	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Carbon disulfide	ug/l	800(I,R)	(I,R)ID	250000(I,R)	5	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/l	5(A)	45(X)	370	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Chlorobenzene	ug/l	100(I)(A)	25(I)	210000(I)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Chloroethane	ug/l	430	1100(X)	5.7e+006(S)	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Chloroform	ug/l	80(A,W)	350(X)	28000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Chloromethane	ug/l	260(I)	(I)ID	8600(I)	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
cis-1,2-Dichloroethylene	ug/l	70(A)	620	93000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Cyclohexane	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 10
Dibromochloromethane	ug/l	80(A,W)	ID	14000	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Dibromochloropropane	ug/l	0.2(A)	ID	220(S)	0.2	---	---	---	---	---	---	---	---
Dibromomethane	ug/l	80	NA	ID	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Dichlorodifluoromethane	ug/l	1700	ID	220000	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Diethyl ether	ug/l	10(E)	ID	6.1e+007(S)	10	---	---	---	---	---	---	---	---
Ethylbenzene	ug/l	74(I)(E)	18(I)	110000(I)	1	< 1	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
Ethylene dibromide	ug/l	0.05(A)	5.7(X)	2400	0.05	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Hexachlorobutadiene (C-46)	ug/l	15	0.053(C-46)	1600	0.05	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Hexachloroethane	ug/l	7.3	6.7(X)	27000	5	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/l	800	28ID	56000(S)	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 5.0
m&p-Xylene	ug/l	(J)	(J)	(J)	2	< 2	< 1	< 1	---	< 1	< 1	< 1	< 2.0
Methyl Iodide	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	---
Methylene chloride	ug/l	5(A)	1500(X)	220000	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Methyl-tert-butyl ether (MTBE)	ug/l	40(E)	7100(X)	4.7e+007(S)	5	---	---	---	---	---	---	---	---
Naphthalene	ug/l	520	11	31000(S)	5	< 5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 5.0

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	7/31/2010 7:35 PM	9/1/2010 3:00 PM	9/4/2010 3:35 PM	9/17/2010 5:48 PM	9/17/2010 5:48 PM	10/13/2010 3:07 PM	10/29/2010 1:26 PM	2/23/2012 3:15 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A	C002471A
	Sample					WP07311935RFB1	WP09011500JTC3	WP09041535ARM1	WP09171748 SER1	WP09171748SER1	WP10131507RNS1	WP10291326TMG1	WPB02231515TDF1B
	Depth					Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total					T	T	T	T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result
n-Butylbenzene	ug/l	80	ID	ID	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
n-Propylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
o-Xylene	ug/l	(J)	(J)	(J)	1	< 1	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	NCE	NCE	NCE	5	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 5.0
sec-Butylbenzene	ug/l	80	ID	ID	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
Styrene	ug/l	100(A)	80(X)	170000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
t-Butylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Tetrachloroethylene	ug/l	5(A)	60(X)	25000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Toluene	ug/l	790(I)(E)	270(I)	530000(I)(S)	1	< 1	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 1.0
trans-1,2-Dichloroethylene	ug/l	100(A)	1500(X)	85000	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Trichloroethylene	ug/l	5(A)	200(X)	2200	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Trichlorofluoromethane	ug/l	2600	NA	1.1e+006(S)	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Vinyl acetate	ug/l	640(I)	(I)NA	4.1e+006(I)	100	---	---	---	---	---	---	---	---
Vinyl chloride	ug/l	2(A)	13(X)	1100	1	---	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	---
Xylenes	ug/l	280(I)(E)	41(I)	190000(I)(S)	3	< 2	< 1.00	< 1.00	---	< 1.00	< 1.00	< 1.00	< 2.0
Wet Chem													
Hardness	mg/l	NCE	NCE	NCE		---	**337**	**345**	---	**346**	**353**	**372**	---

Table 1. Reach 3 Potable Water Analytical Data
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Carbon																
Total Organic Carbon	mg/l	---	**1**	---	**1.6**	---	---	---	**1.6**	**1.1**	**1.5**	**1.4**	---	---	---	---
Metals																
Aluminum	mg/l	---	< 0.005	< 0.05	< 0.005	---	< 0.05	< 0.05	< 0.005	---	---	---	---	---	---	---
Antimony	mg/l	---	< 0.001	< 0.002	< 0.001	---	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	---	---	---	---
Arsenic	mg/l	---	**0.009**	**0.0053**	**0.007**	---	**0.0056**	**0.005127**	**0.006**	**0.007**	**0.007**	**0.007**	---	---	---	---
Barium	mg/l	---	**0.321**	< 0.1	**0.105**	---	**0.15**	**0.1517**	**0.169**	**0.147**	**0.162**	**0.151**	---	---	---	---
Beryllium	mg/l	---	< 0.0008	< 0.001	< 0.0008	---	< 0.001	< 0.001	< 0.0008	< 0.0008	< 0.001	< 0.0008	< 0.0008	< 0.0008	**0.000079**	**0.000036**
Cadmium	mg/l	---	< 0.0005	< 0.001	< 0.0005	---	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	---	---	---	---
Calcium	mg/l	---	---	**80**	---	---	**78**	**76.39**	---	---	---	---	---	---	---	---
Chromium (Total)	mg/l	---	< 0.005	< 0.01	< 0.005	---	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005	< 0.005	---	---	---	---
Cobalt	mg/l	---	< 0.005	< 0.02	< 0.005	---	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.005	---	---	---	---
Copper	mg/l	---	**0.001**	**0.006**	**0.001**	---	< 0.004	< 0.004	< 0.001	**0.009**	< 0.001	**0.002**	---	---	---	---
Iron	mg/l	---	**2.37**	**2**	**2.32**	---	**1.5**	**1.49**	**1.75**	**1.95**	**1.86**	**1.87**	**1.6**	**1.7**	**1.4**	**2**
Lead	mg/l	---	< 0.001	< 0.003	< 0.001	---	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	---	---	---	---
Magnesium	mg/l	---	---	**19**	---	---	**18**	**18.3**	---	---	---	---	---	---	---	---
Manganese	mg/l	---	**0.016**	< 0.05	**0.034**	---	< 0.05	< 0.05	**0.045**	**0.046**	**0.045**	**0.045**	---	---	---	---
Mercury (Total)	mg/l	---	< 0.0001	< 0.0002	< 0.0001	---	< 0.0002	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	< 0.0002
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2	**0.12**	---
Molybdenum	mg/l	---	---	---	---	---	---	---	---	< 0.005	< 0.005	< 0.005	< 0.001	< 0.001	**0.0019**	**0.0021**
Nickel	mg/l	---	< 0.005	< 0.02	< 0.005	---	< 0.02	< 0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00016**	**0.0025**
Potassium	mg/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
Selenium	mg/l	---	< 0.005	< 0.005	< 0.005	---	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	---	---	---	---
Silver	mg/l	---	< 0.0005	< 0.0002	< 0.0005	---	< 0.0002	< 0.0002	< 0.0005	< 0.0005	< 0.0005	< 0.0005	---	---	---	---
Sodium	mg/l	---	---	**3.5**	---	---	**3.6**	**3.415**	---	---	---	---	---	---	---	---
Thallium	mg/l	---	< 0.0004	< 0.002	< 0.0004	---	< 0.002	< 0.002	< 0.0004	< 0.0004	< 0.0004	< 0.0004	---	---	---	---
Titanium	mg/l	---	---	---	---	---	---	---	---	---	---	---	**0.0018**	< 0.005	**0.0012**	**0.0021**
Vanadium	mg/l	---	< 0.004	< 0.004	< 0.004	---	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	**0.0003**	< 0.004	**0.00017**	< 0.004
Zinc	mg/l	---	< 0.005	< 0.05	< 0.005	---	< 0.05	< 0.05	< 0.005	**0.012**	**0.007**	< 0.005	---	---	---	---

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Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB																
Aroclor 1016	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1221	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1232	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1242	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1248	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1254	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Aroclor 1260	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Chlordane	ug/l	---	---	---	---	---	---	---	---	< 0.24	< 0.26	< 0.24	---	---	---	---
Polychlorinated biphenyls (PCBs), total	ug/l	---	---	< 0.2	---	---	---	---	---	< 0.47	< 0.52	< 0.48	---	---	---	---
Toxaphene	ug/l	---	---	---	---	---	---	---	---	< 2.4	< 2.6	< 2.4	---	---	---	---
PCB/Pest																
Hexachlorocyclopentadiene (C-56)	mg/l	---	---	---	---	---	---	---	< 0.0002	---	---	---	---	---	---	---
Methoxychlor	mg/l	---	---	---	---	---	---	---	< 0.0002	---	---	---	---	---	---	---
Polychlorinated biphenyls (PCBs), total	mg/l	---	< 0.0005	---	< 0.0005	---	---	---	< 0.0005	---	---	---	---	---	---	---
PNA																
1,2,4-Trichlorobenzene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenol	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2,4,6-Trichlorophenol	ug/l	---	---	< 4	---	---	< 4	< 4	---	---	---	---	---	---	---	---
2,4-Dichlorophenol	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
2,4-Dimethylphenol	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2,4-Dinitrophenol	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2-Chloronaphthalene	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
2-Chlorophenol	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
2-Methyl-4,6-dinitrophenol	ug/l	---	---	< 20	---	---	< 20	< 20	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
2-Methylphenol	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
2-Nitroaniline	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---
2-Nitrophenol	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
3-Nitroaniline	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---

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Enbridge Energy, Limited Partnership

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
4-Bromophenyl phenylether	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
4-Chloro-3-methylphenol	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
4-Chloroaniline	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
4-Chlorophenyl phenylether	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
4-Methylphenol	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
4-Nitroaniline	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---
4-Nitrophenol	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---
Acenaphthene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Acenaphthylene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Anthracene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Benzo(a)anthracene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Carbazole	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
Chrysene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthracene	ug/l	< 1	---	< 2	---	< 1	< 2	< 2	---	---	---	---	---	---	---	---
Dibenzofuran	ug/l	---	---	< 4	---	---	< 4	< 4	---	---	---	---	---	---	---	---
Diethyl phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Dimethyl phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Fluoranthene	ug/l	< 1	---	< 1	---	< 1	< 1	< 1	---	---	---	---	---	---	---	---
Fluorene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Hexachlorobenzene (C-66)	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
Hexachlorobutadiene (C-46)	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene (C-56)	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Hexachloroethane	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/l	< 1	---	< 2	---	< 1	< 2	< 2	---	---	---	---	---	---	---	---
Isophorone	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Naphthalene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Nitrobenzene	ug/l	---	---	< 3	---	---	< 3	< 3	---	---	---	---	---	---	---	---
n-Nitroso-di-n-propylamine	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
N-Nitrosodiphenylamine	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Pentachlorophenol	ug/l	---	---	< 2	---	---	< 2	< 2	---	---	---	---	---	---	---	---
Phenanthrene	ug/l	< 1	---	< 2	---	< 1	< 2	< 2	---	---	---	---	---	---	---	---
Phenol	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Pyrene	ug/l	< 1	---	< 5	---	< 1	< 5	< 5	---	---	---	---	---	---	---	---
Total PAHs, MDEQ List	ug/l	< 1	---	---	---	< 1	---	---	---	---	---	---	---	---	---	---
PNA/Pest																
Alachlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Aldrin	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Atrazine	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Benzo(a)pyrene	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Bis(2-ethylhexyl)phthalate	ug/l	---	**0.6**	---	**0.7**	---	---	---	**2.7**	< 1.9	< 2	< 2	---	---	---	---
Butachlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.49	< 0.49	< 0.5	---	---	---	---
Di(2-ethylhexyl) adipate	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 1.5	< 1.5	< 1.5	---	---	---	---
Dieldrin	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.49	< 0.49	< 0.5	---	---	---	---
Endrin	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.49	< 0.49	< 0.5	---	---	---	---
Heptachlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Heptachlor epoxide	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.39	< 0.39	< 0.4	---	---	---	---
Hexachlorobenzene (C-66)	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Hexachlorocyclopentadiene (C-56)	ug/l	---	< 0.2	---	< 0.2	---	---	---	---	< 1.9	< 2	< 2	---	---	---	---
Lindane (gamma BHC)	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Methoxychlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	---	< 0.49	< 0.49	< 0.5	---	---	---	---
Metolachlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Metribuzin	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Phenanthrene	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2	< 0.2	< 0.2
Propachlor	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.19	< 0.2	< 0.2	---	---	---	---
Simazine	ug/l	---	< 0.2	---	< 0.2	---	---	---	< 0.2	< 0.49	< 0.49	< 0.5	---	---	---	---
Solids																
Total Suspended Solids	mg/l	---	**2**	---	**2**	---	---	---	**1**	**2**	**2**	**7**	---	---	---	---

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	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPH																
Diesel Range Organics (C10-C20)	mg/l	---	---	< 0.1	---	---	< 0.1	< 0.1	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	< 100	---	< 100	---	---	---	< 100	< 100	< 100	< 100	---	---	---	---
Diesel Range Organics (C10-C38)	ug/l	< 100	---	---	---	< 100	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	---	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	< 100	---	---	---	< 100	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	< 200	< 200	< 200	< 200	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	---	---	< 0.1	---	---	< 0.1	< 0.1	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	< 100	---	< 100	---	---	---	< 100	< 100	< 100	< 100	---	---	---	---
Specific Identification of Gasoline	ug/l	---	< 200	---	< 200	---	< 200	< 200	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1,1-Trichloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1-Dichloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1-Dichloroethylene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,1-Dichloropropene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2,3-Trichlorobenzene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2,3-Trichloropropane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2,3-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2,4-Trimethylbenzene	ug/l	< 2	< 0.5	< 1	< 0.5	< 2	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichlorobenzene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2-Dichloroethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,2-Dichloropropane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,3,5-Trimethylbenzene	ug/l	< 2	< 0.5	< 1	< 0.5	< 2	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,3-Dichloropropane	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,3-Dichloropropene, cis	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,3-Dichloropropene, trans	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
2,2-Dichloropropane	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
2-Butanone (MEK)	ug/l	---	---	< 25	---	---	< 25	< 25	---	---	---	---	---	---	---	---

Table 1. Reach 3 Potable Water Analytical Data
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2-Chlorotoluene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
2-Hexanone	ug/l	---	---	< 50	---	---	< 50	< 50	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	< 5	---	< 5	---	< 5	< 5	< 5	---	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/l	---	---	< 50	---	---	< 50	< 50	---	---	---	---	---	---	---	---
Acetone	ug/l	---	---	< 50	---	---	< 50	< 50	---	---	---	---	---	---	---	---
Acrylonitrile	ug/l	---	---	< 2	---	---	< 2	< 2	---	---	---	---	---	---	---	---
Benzene	ug/l	< 1	< 0.5	< 1	< 0.5	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Bromochloromethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Bromodichloromethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Bromoform	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Bromomethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Carbon disulfide	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Chlorobenzene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Chloroethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Chloroform	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Chloromethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
cis-1,2-Dichloroethylene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Cyclohexane	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	< 1	< 1	< 1
Dibromochloromethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Dibromochloropropane	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
Dibromomethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Dichlorodifluoromethane	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Diethyl ether	ug/l	---	---	< 10	---	---	< 10	< 10	---	---	---	---	---	---	---	---
Ethylbenzene	ug/l	< 1	< 0.5	< 1	< 0.5	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylene dibromide	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Hexachlorobutadiene (C-46)	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Hexachloroethane	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
m&p-Xylene	ug/l	< 2	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methyl Iodide	ug/l	---	---	< 1	---	---	< 1	< 1	---	---	---	---	---	---	---	---
Methylene chloride	ug/l	---	< 0.5	< 5	< 0.5	---	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/l	---	---	< 5	---	---	< 5	< 5	---	---	---	---	---	---	---	---
Naphthalene	ug/l	< 5	< 0.5	< 5	< 0.5	< 5	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table 1. Reach 3 Potable Water Analytical Data
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	7/31/2010 7:40 PM	9/1/2010 5:11 PM	8/6/2010 12:15 PM	9/1/2010 2:15 PM	8/1/2010 6:23 PM	8/10/2010 9:50 AM	8/12/2010 11:20 AM	8/20/2010 3:55 PM	10/24/2010 2:35 PM	11/3/2010 2:11 PM	11/11/2010 3:53 PM	12/17/2010 11:27 AM	1/7/2011 9:38 AM	2/11/2011 11:48 AM	5/2/2011 2:45 PM
	Location	C0025E7WP1	C0025E7WP1	C01077EA	C01077EA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA	C0108EFA
	Sample	WP07311940RFB1	WP09011711JTC1	WP08061215GJP1	WP09011415TAS1	WP08011823RFB1	WP08100950RFB1	WP08121120ARM1	WP08201555WPW1	WP10241435RNS1	WP11031411JPM1A	WP11111553RNS1A	WPB12171127ANS3B	WPB01070938ANS1B	WPB02111148ANS1B	WPB05021445NAC1B
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
n-Butylbenzene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
n-Propylbenzene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
o-Xylene	ug/l	< 1	< 0.5	< 1	< 0.5	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyl toluene (p-Cymene)	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
t-Butylbenzene	ug/l	---	< 0.5	---	< 0.5	---	---	---	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Tetrachloroethylene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Toluene	ug/l	< 1	< 0.5	< 1	< 0.5	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,2-Dichloroethylene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Trichloroethylene	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Trichlorofluoromethane	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Vinyl acetate	ug/l	---	---	< 100	---	---	< 100	< 100	---	---	---	---	---	---	---	---
Vinyl chloride	ug/l	---	< 0.5	< 1	< 0.5	---	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---
Xylenes	ug/l	< 2	< 1.00	< 3	< 1.00	< 2	< 3	< 3	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.0
Wet Chem																
Hardness	mg/l	---	**294**	---	**294**	---	---	---	**289**	**304**	**302**	**307**	---	---	---	---

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	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
Carbon					
Total Organic Carbon	mg/l	---	---	---	---
Metals					
Aluminum	mg/l	---	---	---	---
Antimony	mg/l	---	---	---	---
Arsenic	mg/l	---	---	---	---
Barium	mg/l	---	---	---	---
Beryllium	mg/l	**0.000086**	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/l	---	---	---	---
Calcium	mg/l	---	---	---	---
Chromium (Total)	mg/l	---	---	---	---
Cobalt	mg/l	---	---	---	---
Copper	mg/l	---	---	---	---
Iron	mg/l	**1.6**	**1.9**	**1.8**	**15**
Lead	mg/l	---	---	---	---
Magnesium	mg/l	---	---	---	---
Manganese	mg/l	---	---	---	---
Mercury (Total)	mg/l	< 0.0002	< 0.00020	< 0.00020	< 0.00020
Mercury (Total)	ug/l	---	---	---	---
Molybdenum	mg/l	**0.0023**	< 0.050	< 0.050	< 0.050
Nickel	mg/l	< 0.005	< 0.020	< 0.020	< 0.020
Potassium	mg/l	---	---	---	---
Selenium	mg/l	---	---	---	---
Silver	mg/l	---	---	---	---
Sodium	mg/l	---	---	---	---
Thallium	mg/l	---	---	---	---
Titanium	mg/l	**0.0022**	< 0.0050	< 0.0050	< 0.0050
Vanadium	mg/l	< 0.004	< 0.0040	< 0.0040	< 0.0040
Zinc	mg/l	---	---	---	---

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
PCB					
Aroclor 1016	ug/l	---	---	---	---
Aroclor 1221	ug/l	---	---	---	---
Aroclor 1232	ug/l	---	---	---	---
Aroclor 1242	ug/l	---	---	---	---
Aroclor 1248	ug/l	---	---	---	---
Aroclor 1254	ug/l	---	---	---	---
Aroclor 1260	ug/l	---	---	---	---
Chlordane	ug/l	---	---	---	---
Polychlorinated biphenyls (PCBs), total	ug/l	---	---	---	---
Toxaphene	ug/l	---	---	---	---
PCB/Pest					
Hexachlorocyclopentadiene (C-56)	mg/l	---	---	---	---
Methoxychlor	mg/l	---	---	---	---
Polychlorinated biphenyls (PCBs), total	mg/l	---	---	---	---
PNA					
1,2,4-Trichlorobenzene	ug/l	---	---	---	---
1,2-Dichlorobenzene	ug/l	---	---	---	---
1,3-Dichlorobenzene	ug/l	---	---	---	---
1,4-Dichlorobenzene	ug/l	---	---	---	---
2,4,5-Trichlorophenol	ug/l	---	---	---	---
2,4,6-Trichlorophenol	ug/l	---	---	---	---
2,4-Dichlorophenol	ug/l	---	---	---	---
2,4-Dimethylphenol	ug/l	---	---	---	---
2,4-Dinitrophenol	ug/l	---	---	---	---
2,4-Dinitrotoluene	ug/l	---	---	---	---
2,6-Dinitrotoluene	ug/l	---	---	---	---
2-Chloronaphthalene	ug/l	---	---	---	---
2-Chlorophenol	ug/l	---	---	---	---
2-Methyl-4,6-dinitrophenol	ug/l	---	---	---	---
2-Methylnaphthalene	ug/l	---	---	---	---
2-Methylphenol	ug/l	---	---	---	---
2-Nitroaniline	ug/l	---	---	---	---
2-Nitrophenol	ug/l	---	---	---	---
3,3'-Dichlorobenzidine	ug/l	---	---	---	---
3-Nitroaniline	ug/l	---	---	---	---

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
4-Bromophenyl phenylether	ug/l	---	---	---	---
4-Chloro-3-methylphenol	ug/l	---	---	---	---
4-Chloroaniline	ug/l	---	---	---	---
4-Chlorophenyl phenylether	ug/l	---	---	---	---
4-Methylphenol	ug/l	---	---	---	---
4-Nitroaniline	ug/l	---	---	---	---
4-Nitrophenol	ug/l	---	---	---	---
Acenaphthene	ug/l	---	---	---	---
Acenaphthylene	ug/l	---	---	---	---
Anthracene	ug/l	---	---	---	---
Benzo(a)anthracene	ug/l	---	---	---	---
Benzo(a)pyrene	ug/l	---	---	---	---
Benzo(b)fluoranthene	ug/l	---	---	---	---
Benzo(g,h,i)perylene	ug/l	---	---	---	---
Benzo(k)fluoranthene	ug/l	---	---	---	---
Bis(2-chloroethoxy) methane	ug/l	---	---	---	---
Bis(2-chloroethyl)ether	ug/l	---	---	---	---
Bis(2-chloroisopropyl) ether	ug/l	---	---	---	---
Bis(2-ethylhexyl)phthalate	ug/l	---	---	---	---
Butyl benzyl phthalate	ug/l	---	---	---	---
Carbazole	ug/l	---	---	---	---
Chrysene	ug/l	---	---	---	---
Dibenzo(a,h)anthracene	ug/l	---	---	---	---
Dibenzofuran	ug/l	---	---	---	---
Diethyl phthalate	ug/l	---	---	---	---
Dimethyl phthalate	ug/l	---	---	---	---
Di-n-butyl phthalate	ug/l	---	---	---	---
Di-n-octyl phthalate	ug/l	---	---	---	---
Fluoranthene	ug/l	---	---	---	---
Fluorene	ug/l	---	---	---	---
Hexachlorobenzene (C-66)	ug/l	---	---	---	---
Hexachlorobutadiene (C-46)	ug/l	---	---	---	---
Hexachlorocyclopentadiene (C-56)	ug/l	---	---	---	---
Hexachloroethane	ug/l	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/l	---	---	---	---
Isophorone	ug/l	---	---	---	---

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
Naphthalene	ug/l	---	---	---	---
Nitrobenzene	ug/l	---	---	---	---
n-Nitroso-di-n-propylamine	ug/l	---	---	---	---
N-Nitrosodiphenylamine	ug/l	---	---	---	---
Pentachlorophenol	ug/l	---	---	---	---
Phenanthrene	ug/l	---	---	---	---
Phenol	ug/l	---	---	---	---
Pyrene	ug/l	---	---	---	---
Total PAHs, MDEQ List	ug/l	---	---	---	---
PNA/Pest					
Alachlor	ug/l	---	---	---	---
Aldrin	ug/l	---	---	---	---
Atrazine	ug/l	---	---	---	---
Benzo(a)pyrene	ug/l	---	---	---	---
Bis(2-ethylhexyl)phthalate	ug/l	---	---	---	---
Butachlor	ug/l	---	---	---	---
Di(2-ethylhexyl) adipate	ug/l	---	---	---	---
Dieldrin	ug/l	---	---	---	---
Endrin	ug/l	---	---	---	---
Heptachlor	ug/l	---	---	---	---
Heptachlor epoxide	ug/l	---	---	---	---
Hexachlorobenzene (C-66)	ug/l	---	---	---	---
Hexachlorocyclopentadiene (C-56)	ug/l	---	---	---	---
Lindane (gamma BHC)	ug/l	---	---	---	---
Methoxychlor	ug/l	---	---	---	---
Metolachlor	ug/l	---	---	---	---
Metribuzin	ug/l	---	---	---	---
Phenanthrene	ug/l	< 0.2	< 2.0	< 2.0	< 2.0
Propachlor	ug/l	---	---	---	---
Simazine	ug/l	---	---	---	---
Solids					
Total Suspended Solids	mg/l	---	---	---	---

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
TPH					
Diesel Range Organics (C10-C20)	mg/l	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---
Diesel Range Organics (C10-C38)	ug/l	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	---	---	---	---
Gasoline Range Organics (C5-C10)	ug/l	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---
Specific Identification of Gasoline	ug/l	---	---	---	---
VOC					
1,1,1,2-Tetrachloroethane	ug/l	---	---	---	---
1,1,1-Trichloroethane	ug/l	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/l	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	---	---	---
1,1,2-Trichloroethane	ug/l	---	---	---	---
1,1-Dichloroethane	ug/l	---	---	---	---
1,1-Dichloroethylene	ug/l	---	---	---	---
1,1-Dichloropropene	ug/l	---	---	---	---
1,2,3-Trichlorobenzene	ug/l	---	---	---	---
1,2,3-Trichloropropane	ug/l	---	---	---	---
1,2,3-Trimethylbenzene	ug/l	< 0.5	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	ug/l	---	---	---	---
1,2,4-Trimethylbenzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	---	---	---	---
1,2-Dichloroethane	ug/l	---	---	---	---
1,2-Dichloropropane	ug/l	---	---	---	---
1,3,5-Trimethylbenzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	---	---	---	---
1,3-Dichloropropane	ug/l	---	---	---	---
1,3-Dichloropropene, cis	ug/l	---	---	---	---
1,3-Dichloropropene, trans	ug/l	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/l	---	---	---	---
1,4-Dichlorobenzene	ug/l	---	---	---	---
2,2-Dichloropropane	ug/l	---	---	---	---
2-Butanone (MEK)	ug/l	---	---	---	---

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
2-Chlorotoluene	ug/l	---	---	---	---
2-Hexanone	ug/l	---	---	---	---
2-Methylnaphthalene	ug/l	< 0.5	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	ug/l	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/l	---	---	---	---
Acetone	ug/l	---	---	---	---
Acrylonitrile	ug/l	---	---	---	---
Benzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	---
Bromochloromethane	ug/l	---	---	---	---
Bromodichloromethane	ug/l	---	---	---	---
Bromoform	ug/l	---	---	---	---
Bromomethane	ug/l	---	---	---	---
Carbon disulfide	ug/l	---	---	---	---
Carbon tetrachloride	ug/l	---	---	---	---
Chlorobenzene	ug/l	---	---	---	---
Chloroethane	ug/l	---	---	---	---
Chloroform	ug/l	---	---	---	---
Chloromethane	ug/l	---	---	---	---
cis-1,2-Dichloroethylene	ug/l	---	---	---	---
Cyclohexane	ug/l	< 1	< 10	< 10	< 10
Dibromochloromethane	ug/l	---	---	---	---
Dibromochloropropane	ug/l	---	---	---	---
Dibromomethane	ug/l	---	---	---	---
Dichlorodifluoromethane	ug/l	---	---	---	---
Diethyl ether	ug/l	---	---	---	---
Ethylbenzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	---	---	---	---
Hexachlorobutadiene (C-46)	ug/l	---	---	---	---
Hexachloroethane	ug/l	---	---	---	---
Isopropyl benzene	ug/l	< 0.5	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 1	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	---	---	---	---
Methylene chloride	ug/l	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/l	---	---	---	---
Naphthalene	ug/l	< 0.5	< 5.0	< 5.0	< 5.0

	Date / Time Collected	8/15/2011 10:41 AM	11/18/2011 9:45 AM	9/4/2013 9:37 AM	3/1/2012 11:10 AM
	Location	C0108EFA	C0108EFA	C0108EFA	C0286B9PW 1
	Sample	WPB081510 41AKM1B	WPB111809 45CKL1B	WPB090409 37TMR3B1	WPB030111 10AKM1B
	Depth	Unknown	Unknown	Unknown	Unknown
	Dissolved / Total	T	T	T	T
Analyte	Units	Result	Result	Result	Result
n-Butylbenzene	ug/l	---	---	---	---
n-Propylbenzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 0.5	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
Styrene	ug/l	---	---	---	---
t-Butylbenzene	ug/l	---	---	---	---
Tetrachloroethylene	ug/l	---	---	---	---
Toluene	ug/l	< 0.5	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	---	---	---	---
Trichloroethylene	ug/l	---	---	---	---
Trichlorofluoromethane	ug/l	---	---	---	---
Vinyl acetate	ug/l	---	---	---	---
Vinyl chloride	ug/l	---	---	---	---
Xylenes	ug/l	< 1.0	< 2.0	< 2.0	< 2.0
Wet Chem					
Hardness	mg/l	---	---	---	---

Groundwater Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(A) = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(E) = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(L) = Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(9) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specific rules. The generic residential drinking water criterion of 4 ug/L is linked to the generic residential soil direct contact criterion of 400 mg/kg. A higher concentration in the drinking water, up to the state action level of 15 ug/L, may be allowed as a site-specific remedy and still allow for drinking water use, under Section 20120a(2) and 20120b of the NREPA if soil concentrations are appropriately lower than 400 mg/kg. If a site-specific criterion is approved based on this subdivision, a notice shall be filed on the deed for all property where the groundwater concentrations will exceed 4 ug/L to provide notice of the potential for unacceptable risk if soil or groundwater concentrations increase. Acceptable combinations of site-specific soil and drinking water concentrations are presented in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(S) = Criterion defaults to the hazardous substance-specific water solubility limit.
(T) = Refer to the federal Toxic Substances Control Act (TSCA), 40 C.F.R. §761, Subpart D and 40 C.F.R. §761, Subpart G, to determine the applicability of TSCA cleanup standards. Subpart D and Subpart G of 40 C.F.R. §761 (July 1, 2001) are adopted by reference in these rules and are available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulations may be purchased, at a cost as of the time of adoption of these rules of $55, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401, or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost. Alternatives to compliance with the TSCA standards are possible under 40 C.F.R. §761 Subpart D. New releases may be subject to the standards identified in 40 C.F.R. §761, Subpart G. Use Part 201 soil direct contact cleanup criteria presented in a table, available on the Department of Environmental Quality (DEQ) internet web site, if TSCA standards are not applicable. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(V) = Criterion is the aesthetic drinking water value as required by Section 20120(a)(5) of the NREPA. Concentrations up to 200 ug/L may be acceptable, and still allow for drinking water use, as part of a site-specific cleanup under Section 20120a(2) and 20120b of the NREPA.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(AA) = Use 10,000 ug/l where groundwater enters a structure through the use of a water well, sump or other device. Use 28,000 ug/l for all other uses.
--- = not completed/not analyzed.
ID = insufficient data to develop criterion.
mg/l = milligram per liter.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLV = hazardous substance is not likely to volatilize under most conditions.
PCB = polychlorinated biphenyl.
Pest = pesticide.
PNA = polynuclear aromatic hydrocarbon.
T = total (unfiltered).
TPH = total petroleum hydrocarbon.
ug/l = micrograms per liter.
VOC = volatile organic compound.

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	10/3/2010 10:40 AM	10/3/2010 2:45 PM	10/3/2010 3:55 PM	10/3/2010 4:45 PM	10/3/2010 4:45 PM	10/3/2010 5:30 PM	10/3/2010 6:00 PM	10/4/2010 9:55 AM	10/4/2010 9:55 AM	10/4/2010 3:15 PM	10/5/2010 4:10 PM	10/5/2010 4:10 PM
	Location			PE-B10031040	PE-B10031445	PE-B10031555	PE-B10031645	PE-B10031645	PE-B10031730	PE-B10031800	PE-B10040955	PE-B10040955	PE-B10041515	PE-B10051610	PE-B10051610
	Sample	Direct Contact Criteria		SOB10031040PDS1	SOB10031445PDS1	SOB10031555PDS1	SOB10031645PDS1	SOB10031645PDS2	SOB10031730PDS1	SOB10031800PDS1	SOB10040955PDS1	SOB10040955PDS2	SOB10041515PDS1	SOB10051610TMR1	SOB10051610TMR2
	Depth			0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Result	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate
Field															
Petroleum Sheen Test	NA	NCE	NCE	---	---	---	---	---	---	---	---	---	---	---	---
Metals															
Arsenic	mg/kg	7.6	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	37000(B)	1	**76**	**180**	**110**	**66**	**72**	**56**	**19**	**58**	**56**	**270**	**340**	**370**
Cadmium	mg/kg	550(B)	0.2	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	2500	2	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	20000(B)	1	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	160000(B)	5	**2900**	**29000**	**8400**	**5300**	**5100**	**9500**	**3200**	**27000**	**23000**	**36000**	**8100**	**8100**
Lead	mg/kg	400(B)	1	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	160(B,Z)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	40000(B)	1	< 2.0	**5.8**	**2.2**	**2.8**	**5.1**	**4.0**	**2.6**	**9.2**	**9.0**	**8.0**	**9.3**	**9.9**
Selenium	mg/kg	2600(B)	0.2	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	2500(B)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	750(DD)	1	**2.6**	**7.2**	**5.1**	**5.9**	**4.7**	**5.2**	**3.7**	**12**	**11**	**8.6**	**18**	**18**
Zinc	mg/kg	170000(B)	1	---	---	---	---	---	---	---	---	---	---	---	---
PNA															
2-Chloronaphthalene	ug/kg	5.6e+007	330	< 420	< 330	< 330	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 430	< 390
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 420	< 330	< 330	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 430	< 390
Acenaphthene	ug/kg	4.1e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	2.3e+008	330	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Benzo(a)anthracene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	330	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Benzo(k)fluoranthene	ug/kg	200000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	2e+006(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**350**	< 330
Fluoranthene	ug/kg	4.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	2.7e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Target Detection Limits - Soil**	10/3/2010 10:40 AM	10/3/2010 2:45 PM	10/3/2010 3:55 PM	10/3/2010 4:45 PM	10/3/2010 4:45 PM	10/3/2010 5:30 PM	10/3/2010 6:00 PM	10/4/2010 9:55 AM	10/4/2010 9:55 AM	10/4/2010 3:15 PM	10/5/2010 4:10 PM	10/5/2010 4:10 PM
	Location			PE-B10031040	PE-B10031445	PE-B10031555	PE-B10031645	PE-B10031645	PE-B10031730	PE-B10031800	PE-B10040955	PE-B10040955	PE-B10041515	PE-B10051610	PE-B10051610
	Sample			SOB10031040PDS1	SOB10031445PDS1	SOB10031555PDS1	SOB10031645PDS1	SOB10031645PDS2	SOB10031730PDS1	SOB10031800PDS1	SOB10040955PDS1	SOB10040955PDS2	SOB10041515PDS1	SOB10051610TMR1	SOB10051610TMR2
	Depth	**Direct Contact Criteria**		0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Result	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	1.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	2.9e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Total PAHs, MDEQ List	ug/kg	NCE	NCE	---	---	---	---	---	---	---	---	---	---	---	---
Solids															
Moisture	%	NCE	NCE	**81**	**65**	**69**	**73**	**83**	**57**	**69**	**73**	**70**	**59**	**82**	**81**
Solids	%	NCE	NCE	---	---	---	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	NCE	10	< 22	< 12	< 13	< 16	< 24	< 9.7	< 13	< 9.0	< 8.5	< 6.2	< 14	< 12
Diesel Range Organics (C10-C20)	ug/kg	NCE	10000	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	NCE	10	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	NCE	10	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	NCE	10	< 11	< 5.7	< 6.5	< 7.4	< 12	< 4.6	< 6.5	< 7.5	< 6.7	< 4.9	< 11	< 10
Gasoline Range Organics (C6-C10)	ug/kg	NCE	10000	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	NCE	20	**100**	**83**	**47**	**27**	**73**	**20**	< 13	**27**	**55**	< 6.2	< 14	< 12
Oil Range Organics (C20-C34)	ug/kg	NCE	20000	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	NCE	20	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	100	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	5e+008(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	53000	50	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	180000	50	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	2.7e+007(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	200000(I)	50	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	NCE	250	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	100	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	NCE	250	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	330	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	100	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	91000(I)	50	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	140000(I)	50	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 100	< 110	< 100
1,3-Dichlorobenzene	ug/kg	200000(C)	100	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	10/3/2010 10:40 AM	10/3/2010 2:45 PM	10/3/2010 3:55 PM	10/3/2010 4:45 PM	10/3/2010 4:45 PM	10/3/2010 5:30 PM	10/3/2010 6:00 PM	10/4/2010 9:55 AM	10/4/2010 9:55 AM	10/4/2010 3:15 PM	10/5/2010 4:10 PM	10/5/2010 4:10 PM
	Location			PE-B10031040	PE-B10031445	PE-B10031555	PE-B10031645	PE-B10031645	PE-B10031730	PE-B10031800	PE-B10040955	PE-B10040955	PE-B10041515	PE-B10051610	PE-B10051610
	Sample	Direct Contact Criteria		SOB10031040PDS1	SOB10031445PDS1	SOB10031555PDS1	SOB10031645PDS1	SOB10031645PDS2	SOB10031730PDS1	SOB10031800PDS1	SOB10040955PDS1	SOB10040955PDS2	SOB10041515PDS1	SOB10051610TMR1	SOB10051610TMR2
	Depth			0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Result	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate
1,3-Dichloropropene, cis	ug/kg	NCE	50	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	NCE	50	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	NCE	50	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	400000	100	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	750	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	3.2e+007(C)	2500	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	8.1e+006	330	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	2500	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	2.3e+007(I)	1000	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	16000(I)	100	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	180000(I)	50	< 92	< 50	< 56	< 63	< 100	< 50	< 55	< 64	< 57	< 50	< 95	< 88
Bromobenzene	ug/kg	540000(I)	100	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	NCE	100	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	110000	100	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	820000	100	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	320000	200	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	7.2e+006(C,DD)	250	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	96000	50	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	4.3e+006(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	2.6e+006(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	1.2e+006	50	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	1.6e+006(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	NCE	500	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	110000	100	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	4400(C)	10	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	2.5e+006(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	1.1e+008(C)	200	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	2.2e+007(C)	50	< 64	< 50	< 50	< 50	< 71	< 50	< 50	< 50	< 50	< 50	< 66	< 62
Ethylene dibromide	ug/kg	92	20	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	250	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	230000	300	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	2.5e+007(C)	250	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Target Detection Limits - Soil**	10/3/2010 10:40 AM	10/3/2010 2:45 PM	10/3/2010 3:55 PM	10/3/2010 4:45 PM	10/3/2010 4:45 PM	10/3/2010 5:30 PM	10/3/2010 6:00 PM	10/4/2010 9:55 AM	10/4/2010 9:55 AM	10/4/2010 3:15 PM	10/5/2010 4:10 PM	10/5/2010 4:10 PM
	Location			PE-B10031040	PE-B10031445	PE-B10031555	PE-B10031645	PE-B10031645	PE-B10031730	PE-B10031800	PE-B10040955	PE-B10040955	PE-B10041515	PE-B10051610	PE-B10051610
	Sample	**Direct Contact Criteria**		SOB10031040PDS1	SOB10031445PDS1	SOB10031555PDS1	SOB10031645PDS1	SOB10031645PDS2	SOB10031730PDS1	SOB10031800PDS1	SOB10040955PDS1	SOB10040955PDS2	SOB10041515PDS1	SOB10051610TMR1	SOB10051610TMR2
	Depth			0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Result	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate
m&p-Xylene	ug/kg	(J)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Iodide	ug/kg	NCE	100	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	1.3e+006	100	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	250	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	1.6e+007	330	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	2.5e+006	50	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	2.5e+006(I)	100	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	(J)	50	< 66	< 50	< 50	< 50	< 73	< 50	< 50	< 50	< 50	< 50	< 68	< 63
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	100	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	2.5e+006	50	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	400000	50	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	250	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	1.2e+008(C)	2500	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	2.5e+006(I)	50	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	200000(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	2.9e+006	1000	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	5e+007(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	**240**	< 100
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	50	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	500000(C,DD)	50	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	7.9e+007(C)	100	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	3800	40	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	4.1e+008(C)	150	< 150	< 150	< 150	< 150	< 170	< 150	< 150	< 150	< 150	< 150	< 150	< 150

	Date \ Time Collected	10/6/2010 3:35 PM	10/6/2010 3:35 PM	10/6/2010 5:30 PM	10/7/2010 2:50 PM	10/7/2010 2:50 PM	10/7/2010 4:30 PM	10/8/2010 10:10 AM	10/8/2010 10:10 AM	10/8/2010 4:13 PM	10/9/2010 2:02 PM	10/9/2010 4:09 PM	10/9/2010 6:57 PM	10/10/2010 10:09 AM	10/10/2010 10:09 AM	10/10/2010 1:50 PM
	Location	PE-B10061535	PE-B10061535	PE-B10061730	PE-B10071450	PE-B10071450	PE-B10071630	PE-B10081010	PE-B10081010	PE-B10081613	PE-B10091402	PE-B10091609	PE-B10091857	PE-B10101009	PE-B10101009	PE-B10101350
	Sample	SOB10061535RLP1	SOB10061535RLP2	SOB10061730RLP1	SOB10071450TMR1	SOB10071450TMR2	SOB10071630TMR1	SOB10081010TMR1	SOB10081010TMR2	SOB10081613TMR1	SOB10091402TMR1	SOB10091609TMR1	SOB10091857TMR1	SOB10101009TMR1	SOB10101009TMR2	SOB10101350TMR1
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	**46**	**45**	**170**	**260**	**230**	**43**	< 14	< 14	**150**	**75**	**160**	**110**	**98**	**100**	**200**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	**19000**	**16000**	**63000**	**76000**	**65000**	**15000**	**6300**	**6700**	**17000**	**30000**	**21000**	**28000**	**20000**	**28000**	**13000**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	**11**	**9.1**	**11**	**16**	**13**	**6.8**	**3.9**	**4.6**	**9.6**	**9.0**	**7.3**	**10**	**12**	**13**	**10**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**14**	**13**	**18**	**24**	**20**	**7.3**	**5.4**	**5.9**	**30**	**11**	**16**	**7.5**	**15**	**19**	**9.7**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	**340**	< 300	< 300	< 300
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**410**	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**360**	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**400**	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	10/6/2010 3:35 PM	10/6/2010 3:35 PM	10/6/2010 5:30 PM	10/7/2010 2:50 PM	10/7/2010 2:50 PM	10/7/2010 4:30 PM	10/8/2010 10:10 AM	10/8/2010 10:10 AM	10/8/2010 4:13 PM	10/9/2010 2:02 PM	10/9/2010 4:09 PM	10/9/2010 6:57 PM	10/10/2010 10:09 AM	10/10/2010 10:09 AM	10/10/2010 1:50 PM
	Location	PE-B10061535	PE-B10061535	PE-B10061730	PE-B10071450	PE-B10071450	PE-B10071630	PE-B10081010	PE-B10081010	PE-B10081613	PE-B10091402	PE-B10091609	PE-B10091857	PE-B10101009	PE-B10101009	PE-B10101350
	Sample	SOB10061535RLP1	SOB10061535RLP2	SOB10061730RLP1	SOB10071450TMR1	SOB10071450TMR2	SOB10071630TMR1	SOB10081010TMR1	SOB10081010TMR2	SOB10081613TMR1	SOB10091402TMR1	SOB10091609TMR1	SOB10091857TMR1	SOB10101009TMR1	SOB10101009TMR2	SOB10101350TMR1
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Total PAHs, MDEQ List	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	**41**	**38**	**57**	**59**	**58**	**52**	**31**	**30**	**50**	**50**	**77**	**80**	**57**	**53**	**66**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.3	< 4.2	**18**	< 6.1	< 6.0	< 5.4	< 4.0	< 4.0	**20**	< 4.7	< 10	**26**	< 5.8	< 5.4	< 7.4
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.7	< 4.9	< 4.8	< 4.2	< 4.0	< 4.0	< 4.0	< 4.0	< 8.5	< 10	< 4.7	< 4.2	< 5.8
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	< 4.3	**14**	**100**	< 6.1	< 6.0	**18**	< 4.0	< 4.0	**81**	< 4.7	< 10	**370**	< 5.8	< 5.4	**25**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	10/6/2010 3:35 PM	10/6/2010 3:35 PM	10/6/2010 5:30 PM	10/7/2010 2:50 PM	10/7/2010 2:50 PM	10/7/2010 4:30 PM	10/8/2010 10:10 AM	10/8/2010 10:10 AM	10/8/2010 4:13 PM	10/9/2010 2:02 PM	10/9/2010 4:09 PM	10/9/2010 6:57 PM	10/10/2010 10:09 AM	10/10/2010 10:09 AM	10/10/2010 1:50 PM
	Location	PE-B10061535	PE-B10061535	PE-B10061730	PE-B10071450	PE-B10071450	PE-B10071630	PE-B10081010	PE-B10081010	PE-B10081613	PE-B10091402	PE-B10091609	PE-B10091857	PE-B10101009	PE-B10101009	PE-B10101350
	Sample	SOB10061535RLP1	SOB10061535RLP2	SOB10061730RLP1	SOB10071450TMR1	SOB10071450TMR2	SOB10071630TMR1	SOB10081010TMR1	SOB10081010TMR2	SOB10081613TMR1	SOB10091402TMR1	SOB10091609TMR1	SOB10091857TMR1	SOB10101009TMR1	SOB10101009TMR2	SOB10101350TMR1
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 73	< 87	< 50	< 50	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 61	< 50	< 50	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	10/6/2010 3:35 PM	10/6/2010 3:35 PM	10/6/2010 5:30 PM	10/7/2010 2:50 PM	10/7/2010 2:50 PM	10/7/2010 4:30 PM	10/8/2010 10:10 AM	10/8/2010 10:10 AM	10/8/2010 4:13 PM	10/9/2010 2:02 PM	10/9/2010 4:09 PM	10/9/2010 6:57 PM	10/10/2010 10:09 AM	10/10/2010 10:09 AM	10/10/2010 1:50 PM
	Location	PE-B10061535	PE-B10061535	PE-B10061730	PE-B10071450	PE-B10071450	PE-B10071630	PE-B10081010	PE-B10081010	PE-B10081613	PE-B10091402	PE-B10091609	PE-B10091857	PE-B10101009	PE-B10101009	PE-B10101350
	Sample	SOB10061535RLP1	SOB10061535RLP2	SOB10061730RLP1	SOB10071450TMR1	SOB10071450TMR2	SOB10071630TMR1	SOB10081010TMR1	SOB10081010TMR2	SOB10081613TMR1	SOB10091402TMR1	SOB10091609TMR1	SOB10091857TMR1	SOB10101009TMR1	SOB10101009TMR2	SOB10101350TMR1
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 52	< 62	< 50	< 50	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	**270**	**470**	< 100	< 100	**1600**
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	10/10/2010 5:33 PM	10/10/2010 6:41 PM	10/11/2010 9:58 AM	10/11/2010 9:58 AM	9/3/2010 4:30 PM	9/3/2010 4:25 PM	9/3/2010 4:25 PM	9/3/2010 4:20 PM	9/3/2010 4:20 PM	9/3/2010 4:05 PM	9/3/2010 4:05 PM	9/3/2010 4:15 PM	9/3/2010 4:00 PM	9/23/2010 9:10 AM	8/29/2010 12:00 AM
	Location	PE-B10101733	PE-B10101841	PE-B10110958	PE-B10110958	PR B2.7 066	PR B2.7 067	PR B2.7 068	PR B2.7 069	PR B2.7 070	PR B2.7 071	PR B2.7 071	PR B2.7 072	PR B2.7 073	PRB2000C	PRB2-001
	Sample	SOB10101733TMR1	SOB10101841TMR1	SOB10110958TMR1	SOB10110958TMR2	PRB27066	PRB27067	PRB27068	PRB27069	PRB27070	PRB27071	PRB27071A	PRB27072	PRB27073	SOB09230910RAH1	PRB2001
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	**55**	**95**	**73**	**41**	**240**	**130**	**250**	**210**	**190**	**87**	**79**	**240**	**54**	**150**	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	**8400**	**40000**	**13000**	**6000**	**45000**	**30000**	**120000**	**72000**	**51000**	**19000**	**18000**	**74000**	**12000**	**36000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	**8.8**	**12**	**7.4**	**3.8**	**18**	**13**	**16**	**17**	**16**	< 3.6	**5.3**	**18**	**4.7**	**13**	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**11**	**23**	**8.7**	**6.2**	**31**	**21**	**27**	**29**	**26**	**4.9**	**6.1**	**25**	**5.9**	**15**	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 570	< 590	< 330	< 680	< 340	---
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 570	< 590	< 330	< 680	< 340	< 338
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Anthracene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 338
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Benzo(g,h,i)perylene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 338
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	10/10/2010 5:33 PM	10/10/2010 6:41 PM	10/11/2010 9:58 AM	10/11/2010 9:58 AM	9/3/2010 4:30 PM	9/3/2010 4:25 PM	9/3/2010 4:25 PM	9/3/2010 4:20 PM	9/3/2010 4:20 PM	9/3/2010 4:05 PM	9/3/2010 4:05 PM	9/3/2010 4:15 PM	9/3/2010 4:00 PM	9/23/2010 9:10 AM	8/29/2010 12:00 AM
	Location	PE-B10101733	PE-B10101841	PE-B10110958	PE-B10110958	PR B2.7 066	PR B2.7 067	PR B2.7 068	PR B2.7 069	PR B2.7 070	PR B2.7 071	PR B2.7 071	PR B2.7 072	PR B2.7 073	PRB2000C	PRB2-001
	Sample	SOB10101733TMR1	SOB10101841TMR1	SOB10110958TMR1	SOB10110958TMR2	PRB27066	PRB27067	PRB27068	PRB27069	PRB27070	PRB27071	PRB27071A	PRB27072	PRB27073	SOB09230910RAH1	PRB2001
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 338
Total PAHs, MDEQ List	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 338
Solids																
Moisture	%	**52**	**65**	**50**	**48**	**65**	**52**	**52**	**49**	**52**	**86**	**87**	**56**	**88**	**77**	---
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 5.3	**26**	**19**	< 5.0	< 7.1	< 5.1	< 5.0	< 4.8	< 5.2	< 18	< 18	< 5.2	< 21	< 7.1	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**270**
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 5.6
Gasoline Range Organics (C6-C10)	mg/kg	< 4.1	< 5.6	< 4.0	< 4.0	< 5.8	< 4.2	< 4.2	< 4.0	< 4.2	< 14	< 15	< 4.5	< 17	< 8.5	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**21**	**120**	**17**	< 5.0	< 7.1	**14**	< 5.0	**8.4**	**21**	< 18	**67**	< 5.2	**53**	< 7.1	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**170**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 120	< 240	< 223
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 140	< 140	< 100	< 160	< 240	< 223
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Sheet 10 of 89

	Date \ Time Collected	10/10/2010 5:33 PM	10/10/2010 6:41 PM	10/11/2010 9:58 AM	10/11/2010 9:58 AM	9/3/2010 4:30 PM	9/3/2010 4:25 PM	9/3/2010 4:25 PM	9/3/2010 4:20 PM	9/3/2010 4:20 PM	9/3/2010 4:05 PM	9/3/2010 4:05 PM	9/3/2010 4:15 PM	9/3/2010 4:00 PM	9/23/2010 9:10 AM	8/29/2010 12:00 AM
	Location	PE-B10101733	PE-B10101841	PE-B10110958	PE-B10110958	PR B2.7 066	PR B2.7 067	PR B2.7 068	PR B2.7 069	PR B2.7 070	PR B2.7 071	PR B2.7 071	PR B2.7 072	PR B2.7 073	PRB2000C	PRB2-001
	Sample	SOB10101733TMR1	SOB10101841TMR1	SOB10110958TMR1	SOB10110958TMR2	PRB27066	PRB27067	PRB27068	PRB27069	PRB27070	PRB27071	PRB27071A	PRB27072	PRB27073	SOB09230910RAH1	PRB2001
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 120	< 130	< 50	< 140	< 240	< 111
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 86	< 89	< 50	< 100	< 240	< 111
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	10/10/2010 5:33 PM	10/10/2010 6:41 PM	10/11/2010 9:58 AM	10/11/2010 9:58 AM	9/3/2010 4:30 PM	9/3/2010 4:25 PM	9/3/2010 4:25 PM	9/3/2010 4:20 PM	9/3/2010 4:20 PM	9/3/2010 4:05 PM	9/3/2010 4:05 PM	9/3/2010 4:15 PM	9/3/2010 4:00 PM	9/23/2010 9:10 AM	8/29/2010 12:00 AM
	Location	PE-B10101733	PE-B10101841	PE-B10110958	PE-B10110958	PR B2.7 066	PR B2.7 067	PR B2.7 068	PR B2.7 069	PR B2.7 070	PR B2.7 071	PR B2.7 071	PR B2.7 072	PR B2.7 073	PRB2000C	PRB2-001
	Sample	SOB10101733TMR1	SOB10101841TMR1	SOB10110958TMR1	SOB10110958TMR2	PRB27066	PRB27067	PRB27068	PRB27069	PRB27070	PRB27071	PRB27071A	PRB27072	PRB27073	SOB09230910RAH1	PRB2001
	Depth	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 120	< 100	< 130	< 470	< 223
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 88	< 91	< 50	< 100	< 240	< 111
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 100	< 100	**180**	**120**	< 100	< 100	< 100	< 100	< 100	**1500**	< 100	< 100	**250**	< 240	< 111
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 200	< 210	< 150	< 230	< 710	< 223

	Date \ Time Collected	8/29/2010 12:00 AM	9/17/2010 4:40 PM	9/21/2010 12:30 PM	9/21/2010 12:30 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 12:40 PM	9/23/2010 11:15 AM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/19/2010 4:15 PM	9/21/2010 1:00 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM
	Location	PRB2-001	PRB2-001	PRB2-001	PRB2-001	PRB2-002	PRB2-002	PRB2-002	PRB2-002	PRB2002A	PRB2-003	PRB2-003	PRB2-003	PRB2003A	PRB2-004	PRB2-004
	Sample	PRB2001-2	SOB09171640RAH1	SOB09211230RAH1	PRB2-001A-SAMPLE SPLIT	PRB2002	PRB2002-2	PRBP5001	SOB09211240RAH1	SOB09231115RAH1	PRB2003	PRB2003-2	SOB09191615JTR1	SOB09211300RAH1	PRB2004	PRB2004-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	trace	---	---	---	---	None	---	---	---	---	Moderate	---	---
Metals																
Arsenic	mg/kg	---	---	---	**39**	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**58.7**	**209**	**200**	---	---	---	**170**	**40**	---	---	**64.2**	**21.2**	---	---
Cadmium	mg/kg	---	---	---	**0.73**	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**9.7**	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**19900**	**42500**	**53000**	---	---	---	**35500**	**12000**	---	---	**14400**	**20100**	---	---
Lead	mg/kg	---	---	---	**21**	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.25	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	**13.3**	**18.9**	**15**	---	---	---	**9.79**	**9.0**	---	---	**9.82**	**9.90**	---	---
Selenium	mg/kg	---	---	---	**2.3**	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	**0.11**	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	**21.0**	**22.8**	**18**	---	---	---	**16.0**	**7.7**	---	---	**25.3**	**10.4**	---	---
Zinc	mg/kg	---	---	---	**80**	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	---	< 320	< 720	---	---	---	---	< 690	< 330	---	---	< 610	< 280	---	---
2-Methylnaphthalene	ug/kg	< 255	< 320	< 720	< 2300	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Acenaphthene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Acenaphthylene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Anthracene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 300	< 205	< 372	< 610	< 280	< 314	< 335
Benzo(a)anthracene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Benzo(a)pyrene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Benzo(b)fluoranthene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Benzo(g,h,i)perylene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 300	< 205	< 372	< 610	< 280	< 314	< 335
Benzo(k)fluoranthene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Chrysene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Dibenzo(a,h)anthracene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Fluoranthene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Fluorene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335

	Date \ Time Collected	8/29/2010 12:00 AM	9/17/2010 4:40 PM	9/21/2010 12:30 PM	9/21/2010 12:30 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 12:40 PM	9/23/2010 11:15 AM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/19/2010 4:15 PM	9/21/2010 1:00 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM
	Location	PRB2-001	PRB2-001	PRB2-001	PRB2-001	PRB2-002	PRB2-002	PRB2-002	PRB2-002	PRB2002A	PRB2-003	PRB2-003	PRB2-003	PRB2003A	PRB2-004	PRB2-004
	Sample	PRB2001-2	SOB09171640RAH1	SOB09211230RAH1	PRB2-001A-SAMPLE SPLIT	PRB2002	PRB2002-2	PRBP5001	SOB09211240RAH1	SOB09231115RAH1	PRB2003	PRB2003-2	SOB09191615JTR1	SOB09211300RAH1	PRB2004	PRB2004-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 255	< 320	< 720	< 1900	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Naphthalene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Phenanthrene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Pyrene	ug/kg	< 255	< 320	< 720	< 930	< 657	< 467	< 850	< 690	< 330	< 205	< 372	< 610	< 280	< 314	< 335
Total PAHs, MDEQ List	ug/kg	< 255	---	---	---	< 657	< 467	< 850	---	---	< 205	< 372	---	---	< 314	< 335
Solids																
Moisture	%	---	**47.5**	**77.0**	---	---	---	---	**75.9**	**70**	---	---	**72.5**	**41.1**	---	---
Solids	%	---	---	---	**21.4**	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	**5.1**	< 7.4	---	---	---	---	< 7.0	**26**	---	---	< 6.2	**3.5**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 47000	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**730**	---	---	---	**430**	**1000**	< 85	---	---	< 62	**330**	---	---	**240**	**850**
Gasoline Range Organics (C5-C10)	mg/kg	< 5.0	---	---	---	< 11.3	< 9.2	< 6.0	---	---	< 3.2	< 7.5	---	---	< 5.1	< 6.8
Gasoline Range Organics (C6-C10)	mg/kg	---	< 7.1	< 19	---	---	---	---	< 18	< 6.6	---	---	< 13	< 5.8	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	**54**	**63**	---	---	---	---	**110**	**110**	---	---	**20**	**35**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	**230000**	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**300**	---	---	---	**300**	**790**	< 85	---	---	< 62	**190**	---	---	**170**	**660**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 440	< 1200	< 420	< 453	< 100	< 239	< 1100	< 240	< 127	< 100	< 820	< 360	< 204	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 440	< 1200	< 420	< 453	< 100	< 239	< 1100	< 240	< 127	< 100	< 820	< 360	< 204	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	8/29/2010 12:00 AM	9/17/2010 4:40 PM	9/21/2010 12:30 PM	9/21/2010 12:30 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 12:40 PM	9/23/2010 11:15 AM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/19/2010 4:15 PM	9/21/2010 1:00 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM
	Location	PRB2-001	PRB2-001	PRB2-001	PRB2-001	PRB2-002	PRB2-002	PRB2-002	PRB2-002	PRB2002A	PRB2-003	PRB2-003	PRB2-003	PRB2003A	PRB2-004	PRB2-004
	Sample	PRB2001-2	SOB09171640RAH1	SOB09211230RAH1	PRB2-001A-SAMPLE SPLIT	PRB2002	PRB2002-2	PRBP5001	SOB09211240RAH1	SOB09231115RAH1	PRB2003	PRB2003-2	SOB09191615JTR1	SOB09211300RAH1	PRB2004	PRB2004-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	< 8400	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 50	< 440	< 1200	< 420	< 227	< 50	< 120	< 1100	< 240	< 64	< 50	< 820	< 360	< 102	< 50
Bromobenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	< 1700	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	< 1700	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 440	< 1200	< 420	< 227	< 50	< 120	< 1100	< 240	< 64	< 50	< 820	< 360	< 102	< 50
Ethylene dibromide	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	8/29/2010 12:00 AM	9/17/2010 4:40 PM	9/21/2010 12:30 PM	9/21/2010 12:30 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 12:40 PM	9/23/2010 11:15 AM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/19/2010 4:15 PM	9/21/2010 1:00 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM
	Location	PRB2-001	PRB2-001	PRB2-001	PRB2-001	PRB2-002	PRB2-002	PRB2-002	PRB2-002	PRB2002A	PRB2-003	PRB2-003	PRB2-003	PRB2003A	PRB2-004	PRB2-004
	Sample	PRB2001-2	SOB09171640RAH1	SOB09211230RAH1	PRB2-001A-SAMPLE SPLIT	PRB2002	PRB2002-2	PRBP5001	SOB09211240RAH1	SOB09231115RAH1	PRB2003	PRB2003-2	SOB09191615JTR1	SOB09211300RAH1	PRB2004	PRB2004-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	**280**	< 890	< 2400	< 840	< 453	< 100	< 239	< 2300	< 470	< 127	< 100	< 1600	< 730	< 204	< 100
Methyl Iodide	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	< 840	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 50	< 440	< 1200	< 420	< 227	< 50	< 120	< 1100	< 240	< 64	< 50	< 820	< 360	< 102	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	< 21000	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	< 2100	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	**690**	< 440	< 1200	< 420	< 227	< 50	< 120	< 1100	< 240	< 64	**630**	< 820	< 360	< 102	**910**
trans-1,2-Dichloroethylene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	< 420	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	**280**	< 1300	< 3600	---	< 453	< 100	< 239	< 3400	< 710	< 127	< 100	< 2500	< 1100	< 204	< 100

	Date \ Time Collected	8/29/2010 12:00 AM	9/18/2010 12:50 PM	9/18/2010 1:05 PM	9/18/2010 1:05 PM	9/21/2010 12:50 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/17/2010 4:45 PM	9/21/2010 8:45 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/18/2010 1:00 PM	9/21/2010 8:35 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-005	PRB2-005	PRB2-005	PRB2-005	PRB2-006	PRB2-006	PRB2-006	PRB2-006	PRB2-007	PRB2-007
	Sample	PRB2004A	SOB09181250RAH1	SOB09181305RAH1	PRB2-004-SAMPLE SPLIT	SOB09211250RAH1	PRB2005	PRB2005-2	SOB09171645RAH1	SOB09212045RAH1	PRB2006	PRB2006-2	SOB09181300JTR1	SOB09212035RAH1	PRB2007	PRB2007-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	None	---	---	---	Not coll	---	---	---	Not coll	---	---
Metals																
Arsenic	mg/kg	---	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**103**	**36.1**	**42**	**14.1**	---	---	**38.8**	**110**	---	---	**52.7**	**33**	---	---
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**5.9**	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**2.4**	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**11000**	**8070**	**14000**	**7670**	---	---	**13800**	**17000**	---	---	**14000**	**5900**	---	---
Lead	mg/kg	---	---	---	**3.7**	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	**8.77**	**10.2**	**6.1**	**5.63**	---	---	**27.4**	**10**	---	---	**6.13**	**6.4**	---	---
Selenium	mg/kg	---	---	---	**0.63**	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	**14.1**	**8.35**	**8.2**	**10.1**	---	---	**26.2**	**16**	---	---	**12.7**	**7.6**	---	---
Zinc	mg/kg	---	---	---	**12**	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	---	< 570	< 270	---	< 260	---	---	< 650	< 330	---	---	< 440	< 330	---	---
2-Methylnaphthalene	ug/kg	< 379	< 570	< 270	< 860	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Acenaphthene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Acenaphthylene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Anthracene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 300	< 358	< 453	< 440	< 300	< 630	< 315
Benzo(a)anthracene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Benzo(a)pyrene	ug/kg	< 379	< 570	< 270	< 690	< 260	**11**	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Benzo(b)fluoranthene	ug/kg	< 379	< 570	< 270	< 690	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Benzo(g,h,i)perylene	ug/kg	< 379	< 570	< 270	< 690	< 260	< 505	< 430	< 650	< 300	< 358	< 453	< 440	< 300	< 630	< 315
Benzo(k)fluoranthene	ug/kg	< 379	< 570	< 270	< 690	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Chrysene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Dibenzo(a,h)anthracene	ug/kg	< 379	< 570	< 270	< 690	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Fluoranthene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Fluorene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315

	Date \ Time Collected	8/29/2010 12:00 AM	9/18/2010 12:50 PM	9/18/2010 1:05 PM	9/18/2010 1:05 PM	9/21/2010 12:50 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/17/2010 4:45 PM	9/21/2010 8:45 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/18/2010 1:00 PM	9/21/2010 8:35 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-005	PRB2-005	PRB2-005	PRB2-005	PRB2-006	PRB2-006	PRB2-006	PRB2-006	PRB2-007	PRB2-007
	Sample	PRB2004A	SOB09181250RAH1	SOB09181305RAH1	PRB2-004-SAMPLE SPLIT	SOB09211250RAH1	PRB2005	PRB2005-2	SOB09171645RAH1	SOB09212045RAH1	PRB2006	PRB2006-2	SOB09181300JTR1	SOB09212035RAH1	PRB2007	PRB2007-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 379	< 570	< 270	< 690	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Naphthalene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Phenanthrene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Pyrene	ug/kg	< 379	< 570	< 270	< 340	< 260	< 505	< 430	< 650	< 330	< 358	< 453	< 440	< 330	< 630	< 315
Total PAHs, MDEQ List	ug/kg	< 379	---	---	---	---	**11**	< 430	---	---	< 358	< 453	---	---	< 630	< 315
Solids																
Moisture	%	---	**70.6**	**38.1**	---	**36.6**	---	---	**74.3**	**58**	---	---	**61.9**	**57**	---	---
Solids	%	---	---	---	**58.1**	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	< 5.8	**3.6**	---	< 2.7	---	---	**9.3**	**55**	---	---	**6.6**	**23**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	**510000**	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	< 227	---	---	---	---	**490**	< 43	---	---	**430**	**1200**	---	---	**270**	**170**
Gasoline Range Organics (C5-C10)	mg/kg	< 5.7	---	---	---	---	< 8.1	< 8.6	---	---	< 5.6	< 8.4	---	---	< 5.0	< 6.1
Gasoline Range Organics (C6-C10)	mg/kg	---	< 13	< 6.5	---	< 7.6	---	---	< 15	< 4000	---	---	< 9.8	< 4000	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	< 12	**18**	---	**30**	---	---	**94**	**57**	---	---	**30**	**64**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	**690000**	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	< 227	---	---	---	---	**330**	< 43	---	---	**310**	**930**	---	---	**190**	**130**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 230	< 8100	< 400	< 140	< 470	< 324	< 100	< 960	< 100	< 225	< 100	< 620	< 100	< 199	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 230	< 8100	< 400	< 140	< 470	< 324	< 100	< 960	< 100	< 225	< 100	< 620	< 100	< 199	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	8/29/2010 12:00 AM	9/18/2010 12:50 PM	9/18/2010 1:05 PM	9/18/2010 1:05 PM	9/21/2010 12:50 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/17/2010 4:45 PM	9/21/2010 8:45 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/18/2010 1:00 PM	9/21/2010 8:35 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-005	PRB2-005	PRB2-005	PRB2-005	PRB2-006	PRB2-006	PRB2-006	PRB2-006	PRB2-007	PRB2-007
	Sample	PRB2004A	SOB09181250RAH1	SOB09181305RAH1	PRB2-004-SAMPLE SPLIT	SOB09211250RAH1	PRB2005	PRB2005-2	SOB09171645RAH1	SOB09212045RAH1	PRB2006	PRB2006-2	SOB09181300JTR1	SOB09212035RAH1	PRB2007	PRB2007-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	< 2700	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 115	< 8100	< 400	< 140	< 470	< 162	< 50	< 960	< 50	< 113	< 50	< 620	< 50	< 99	< 50
Bromobenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	< 540	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	< 540	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 115	< 8100	< 400	< 140	< 470	< 162	< 50	< 960	< 50	< 113	< 50	< 620	< 50	< 99	< 50
Ethylene dibromide	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	8/29/2010 12:00 AM	9/18/2010 12:50 PM	9/18/2010 1:05 PM	9/18/2010 1:05 PM	9/21/2010 12:50 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/17/2010 4:45 PM	9/21/2010 8:45 PM	8/29/2010 12:00 AM	8/29/2010 12:00 AM	9/18/2010 1:00 PM	9/21/2010 8:35 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-004	PRB2-005	PRB2-005	PRB2-005	PRB2-005	PRB2-006	PRB2-006	PRB2-006	PRB2-006	PRB2-007	PRB2-007
	Sample	PRB2004A	SOB09181250RAH1	SOB09181305RAH1	PRB2-004-SAMPLE SPLIT	SOB09211250RAH1	PRB2005	PRB2005-2	SOB09171645RAH1	SOB09212045RAH1	PRB2006	PRB2006-2	SOB09181300JTR1	SOB09212035RAH1	PRB2007	PRB2007-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 230	< 16000	< 810	< 270	< 950	< 324	< 100	< 1900	< 100	< 225	< 100	< 1200	< 100	< 199	< 100
Methyl Iodide	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	< 270	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 115	< 8100	< 400	< 140	< 470	< 162	< 50	< 960	< 50	< 113	< 50	< 620	< 50	< 99	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	< 6800	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	< 680	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 115	< 8100	< 400	< 140	< 470	< 162	< 50	< 960	< 100	< 113	**1300**	< 620	< 100	< 99	< 50
trans-1,2-Dichloroethylene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	< 140	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 230	< 24000	< 1200	---	< 1400	< 324	< 100	< 2900	< 150	< 225	< 100	< 1800	< 150	< 199	< 100

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	8/31/2010 12:00 AM	9/15/2010 2:05 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 8:25 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 4:50 PM	9/21/2010 9:00 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:00 PM	9/21/2010 9:10 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-007	PRB2-007	PRB2-008	PRB2-008	PRB2-008	PRB2-009	PRB2-009	PRB2-009	PRB2-009	PRB2-010	PRB2-010	PRB2-010	PRB2-010	PRB2-011	PRB2-011
	Sample	PRB2007A	SOB09151405RAH1	PRB2008	PRB2008-2	SOB09212025RAH1	PRB2009	PRB2009-2	SOB09171650RAH1	SOB09212100RAH1	PRB2010	PRB2010-2	SOB09171700RAH1	SOB09212110RAH1	PRB2011	PRB2011-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	None	---	---	Not coll	---	---	---	Not coll	---	---	---	Not coll	---	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**87**	---	---	**150**	---	---	**143**	**71**	---	---	**63.9**	**78**	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**16000**	---	---	**97000**	---	---	**46000**	**12000**	---	---	**30000**	**40000**	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	**17**	---	---	**13**	---	---	**11.2**	**9.6**	---	---	**10.1**	**9.8**	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	**25**	---	---	**13**	---	---	**17.3**	**11**	---	---	**15.0**	**15**	---	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	---	< 390	---	---	< 420	---	---	< 650	< 330	---	---	< 440	< 330	---	---
2-Methylnaphthalene	ug/kg	< 767	< 390	< 597	< 273	< 420	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Acenaphthene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Acenaphthylene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Anthracene	ug/kg	< 767	< 300	< 597	< 273	< 300	< 563	< 336	< 650	< 300	< 602	< 435	< 440	< 300	< 393	< 258
Benzo(a)anthracene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Benzo(a)pyrene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Benzo(b)fluoranthene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Benzo(g,h,i)perylene	ug/kg	< 767	< 300	< 597	< 273	< 300	< 563	< 336	< 650	< 300	< 602	< 435	< 440	< 300	< 393	< 258
Benzo(k)fluoranthene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Chrysene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Dibenzo(a,h)anthracene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Fluoranthene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Fluorene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258

	Date \ Time Collected	8/31/2010 12:00 AM	9/15/2010 2:05 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 8:25 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 4:50 PM	9/21/2010 9:00 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:00 PM	9/21/2010 9:10 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-007	PRB2-007	PRB2-008	PRB2-008	PRB2-008	PRB2-009	PRB2-009	PRB2-009	PRB2-009	PRB2-010	PRB2-010	PRB2-010	PRB2-010	PRB2-011	PRB2-011
	Sample	PRB2007A	SOB09151405RAH1	PRB2008	PRB2008-2	SOB09212025RAH1	PRB2009	PRB2009-2	SOB09171650RAH1	SOB09212100RAH1	PRB2010	PRB2010-2	SOB09171700RAH1	SOB09212110RAH1	PRB2011	PRB2011-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Naphthalene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Phenanthrene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Pyrene	ug/kg	< 767	< 330	< 597	< 273	< 330	< 563	< 336	< 650	< 330	< 602	< 435	< 440	< 330	< 393	< 258
Total PAHs, MDEQ List	ug/kg	< 767	---	< 597	< 273	---	< 563	< 336	---	---	< 602	< 435	---	---	< 393	< 258
Solids																
Moisture	%	---	**78**	---	---	**81**	---	---	**74.6**	**74**	---	---	**62.2**	**57**	---	---
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	< 8.1	---	---	< 8.8	---	---	**6.9**	**14**	---	---	**6.8**	**14**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**170**	---	< 60	**430**	---	**340**	< 34	---	---	**1200**	**630**	---	---	< 39	**480**
Gasoline Range Organics (C5-C10)	mg/kg	< 6.1	---	< 4.9	< 5.2	---	< 3.6	< 6.8	---	---	< 3.9	< 8.9	---	---	< 3.2	< 5.1
Gasoline Range Organics (C6-C10)	mg/kg	---	< 4000	---	---	< 4000	---	---	< 17	< 4000	---	---	< 11	< 4000	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	**30**	---	---	**130**	---	---	**43**	**31**	---	---	**83**	**43**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**140**	---	< 60	**360**	---	**250**	< 34	---	---	**770**	**580**	---	---	< 39	**340**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 246	< 100	< 197	< 100	< 100	< 143	< 100	< 1100	< 100	< 154	< 100	< 670	< 100	< 128	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 246	< 100	< 197	< 100	< 100	< 143	< 100	< 1100	< 100	< 154	< 100	< 670	< 100	< 128	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	8/31/2010 12:00 AM	9/15/2010 2:05 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 8:25 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 4:50 PM	9/21/2010 9:00 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:00 PM	9/21/2010 9:10 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-007	PRB2-007	PRB2-008	PRB2-008	PRB2-008	PRB2-009	PRB2-009	PRB2-009	PRB2-009	PRB2-010	PRB2-010	PRB2-010	PRB2-010	PRB2-011	PRB2-011
	Sample	PRB2007A	SOB09151405RAH1	PRB2008	PRB2008-2	SOB09212025RAH1	PRB2009	PRB2009-2	SOB09171650RAH1	SOB09212100RAH1	PRB2010	PRB2010-2	SOB09171700RAH1	SOB09212110RAH1	PRB2011	PRB2011-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 123	< 77	< 99	< 50	< 91	< 71	< 50	< 1100	< 66	< 77	< 50	< 670	< 50	< 64	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 123	< 54	< 99	< 50	< 63	< 71	< 50	< 1100	< 50	< 77	< 50	< 670	< 50	< 64	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	8/31/2010 12:00 AM	9/15/2010 2:05 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/21/2010 8:25 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 4:50 PM	9/21/2010 9:00 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:00 PM	9/21/2010 9:10 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM
	Location	PRB2-007	PRB2-007	PRB2-008	PRB2-008	PRB2-008	PRB2-009	PRB2-009	PRB2-009	PRB2-009	PRB2-010	PRB2-010	PRB2-010	PRB2-010	PRB2-011	PRB2-011
	Sample	PRB2007A	SOB09151405RAH1	PRB2008	PRB2008-2	SOB09212025RAH1	PRB2009	PRB2009-2	SOB09171650RAH1	SOB09212100RAH1	PRB2010	PRB2010-2	SOB09171700RAH1	SOB09212110RAH1	PRB2011	PRB2011-2
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 246	< 100	< 197	< 100	< 100	< 143	< 100	< 2100	< 100	< 154	< 100	< 1300	< 100	< 128	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 123	< 55	< 99	< 50	< 65	< 71	< 50	< 1100	< 50	< 77	< 50	< 670	< 50	< 64	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 123	< 100	< 99	**680**	< 100	< 71	**890**	< 1100	< 100	< 77	**820**	< 670	< 100	< 64	< 50
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 246	< 150	< 197	< 100	< 150	< 143	< 100	< 3200	< 150	< 154	< 100	< 2000	< 150	< 128	< 100

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2010 5:10 PM	9/22/2010 12:15 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:50 PM	9/22/2010 12:20 PM	9/22/2010 12:20 PM	9/2/2010 2:55 PM	9/17/2010 5:15 PM	9/17/2010 5:15 PM	9/22/2010 12:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:20 PM	9/22/2010 12:40 PM
	Location	PRB2-011	PRB2-011	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-013	PRB2-013	PRB2-013	PRB2-013	PRB2-014	PRB2-014	PRB2-014	PRB2-014
	Sample	SOB09171710RAH1	SOB09221215RAH1	PRB2012	PRB2012-2	SOB09181250JTR1	SOB09221220RAH1	PRB2-012B-SAMPLE SPLIT	PRB2013	SOB09171715RAH1	PRB2-013-SAMPLE SPLIT	SOB09221230RAH1	PRB2014	PRB2014-2	SOB09171720RAH1	SOB09221240RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	None	---	---	---	None	---	---	---	---	None	---	---	---	None
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	**32**	---	---	**32**	---	---	---	---	---
Barium	mg/kg	**80.0**	**240**	---	---	**112**	**250**	**230**	---	**92.6**	**58**	**70**	---	---	**30.0**	**67**
Cadmium	mg/kg	---	---	---	---	---	---	**0.82**	---	---	**0.29**	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**9.9**	---	---	**6.2**	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	**16**	---	---	**5.3**	---	---	---	---	---
Iron	mg/kg	**32500**	**54000**	---	---	**14000**	**52000**	**55000**	---	**62300**	**70000**	**17000**	---	---	**12500**	**8600**
Lead	mg/kg	---	---	---	---	---	---	**23**	---	---	**4.9**	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.25	---	---	< 0.15	---	---	---	---	---
Nickel	mg/kg	**14.0**	**18**	---	---	**12.1**	**17**	**16**	---	**9.66**	**7.8**	**12**	---	---	**11.8**	**7.0**
Selenium	mg/kg	---	---	---	---	---	---	**2.6**	---	---	**0.88**	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	**0.12**	---	---	< 0.1	---	---	---	---	---
Vanadium	mg/kg	**21.4**	**21**	---	---	**24.0**	**20**	**17**	---	**15.9**	**10**	**15**	---	---	**11.2**	**11**
Zinc	mg/kg	---	---	---	---	---	---	**86**	---	---	**33**	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 620	< 390	---	---	< 590	< 400	---	---	< 530	---	< 330	---	---	< 350	< 330
2-Methylnaphthalene	ug/kg	< 620	< 390	< 604	< 538	< 590	< 400	< 2400	< 295	< 530	< 1400	< 330	< 501	< 274	< 350	< 330
Acenaphthene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Acenaphthylene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Anthracene	ug/kg	< 620	< 300	< 604	< 538	< 590	< 300	< 940	< 295	< 530	< 550	< 300	< 501	< 274	< 350	< 300
Benzo(a)anthracene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Benzo(a)pyrene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 1900	< 295	< 530	< 1100	< 330	< 501	< 274	< 350	< 330
Benzo(b)fluoranthene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 1900	< 295	< 530	< 1100	< 330	< 501	< 274	< 350	< 330
Benzo(g,h,i)perylene	ug/kg	< 620	< 300	< 604	< 538	< 590	< 300	< 1900	< 295	< 530	< 1100	< 300	< 501	< 274	< 350	< 300
Benzo(k)fluoranthene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 1900	< 295	< 530	< 1100	< 330	< 501	< 274	< 350	< 330
Chrysene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Dibenzo(a,h)anthracene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 1900	< 295	< 530	< 1100	< 330	< 501	< 274	< 350	< 330
Fluoranthene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Fluorene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330

	Date \ Time Collected	9/17/2010 5:10 PM	9/22/2010 12:15 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:50 PM	9/22/2010 12:20 PM	9/22/2010 12:20 PM	9/2/2010 2:55 PM	9/17/2010 5:15 PM	9/17/2010 5:15 PM	9/22/2010 12:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:20 PM	9/22/2010 12:40 PM
	Location	PRB2-011	PRB2-011	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-013	PRB2-013	PRB2-013	PRB2-013	PRB2-014	PRB2-014	PRB2-014	PRB2-014
	Sample	SOB09171710RAH1	SOB09221215RAH1	PRB2012	PRB2012-2	SOB09181250JTR1	SOB09221220RAH1	PRB2-012B-SAMPLE SPLIT	PRB2013	SOB09171715RAH1	PRB2-013-SAMPLE SPLIT	SOB09221230RAH1	PRB2014	PRB2014-2	SOB09171720RAH1	SOB09221240RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 1900	< 295	< 530	< 1100	< 330	< 501	< 274	< 350	< 330
Naphthalene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Phenanthrene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Pyrene	ug/kg	< 620	< 330	< 604	< 538	< 590	< 330	< 940	< 295	< 530	< 550	< 330	< 501	< 274	< 350	< 330
Total PAHs, MDEQ List	ug/kg	---	---	< 604	< 538	---	---	---	< 295	---	---	---	< 501	< 274	---	---
Solids																
Moisture	%	**73.0**	**80**	---	---	**71.6**	**80**	---	---	**68.5**	---	**45**	---	---	**51.8**	**49**
Solids	%	---	---	---	---	---	---	**21.2**	---	---	**36.4**	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 6.3	< 8.1	---	---	< 6.0	< 8.4	---	---	< 5.4	---	< 4.0	---	---	**20**	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 47000	---	---	**240000**	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	**710**	**65**	---	---	---	**790**	---	---	---	**510**	**790**	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	< 3.3	< 10.5	---	---	---	< 5.5	---	---	---	< 4.4	< 5.7	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 15	< 4000	---	---	< 13	< 4000	---	---	< 13	---	< 4000	---	---	< 8.3	< 4000
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**15**	< 8.1	---	---	**54**	**37**	---	---	**13**	---	< 4.0	---	---	**43**	**27**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	**210000**	---	---	**450000**	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	**460**	**87**	---	---	---	**900**	---	---	---	**350**	**820**	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 930	< 100	< 132	< 100	< 840	< 100	< 420	< 100	< 810	< 220	< 100	< 175	< 100	< 520	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 930	< 100	< 132	< 100	< 840	< 100	< 420	< 100	< 810	< 220	< 100	< 175	< 100	< 520	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---

	Date \ Time Collected	9/17/2010 5:10 PM	9/22/2010 12:15 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:50 PM	9/22/2010 12:20 PM	9/22/2010 12:20 PM	9/2/2010 2:55 PM	9/17/2010 5:15 PM	9/17/2010 5:15 PM	9/22/2010 12:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:20 PM	9/22/2010 12:40 PM
	Location	PRB2-011	PRB2-011	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-013	PRB2-013	PRB2-013	PRB2-013	PRB2-014	PRB2-014	PRB2-014	PRB2-014
	Sample	SOB09171710RAH1	SOB09221215RAH1	PRB2012	PRB2012-2	SOB09181250JTR1	SOB09221220RAH1	PRB2-012B-SAMPLE SPLIT	PRB2013	SOB09171715RAH1	PRB2-013-SAMPLE SPLIT	SOB09221230RAH1	PRB2014	PRB2014-2	SOB09171720RAH1	SOB09221240RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	< 8500	---	---	< 4500	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Benzene	ug/kg	< 930	< 84	< 66	< 50	< 840	< 87	< 420	< 50	< 810	< 220	< 50	< 87	< 50	< 520	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	< 1700	---	---	< 900	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	< 1700	---	---	< 900	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Ethylbenzene	ug/kg	< 930	< 59	< 66	< 50	< 840	< 61	< 420	< 50	< 810	< 220	< 50	< 87	< 50	< 520	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---

	Date \ Time Collected	9/17/2010 5:10 PM	9/22/2010 12:15 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:50 PM	9/22/2010 12:20 PM	9/22/2010 12:20 PM	9/2/2010 2:55 PM	9/17/2010 5:15 PM	9/17/2010 5:15 PM	9/22/2010 12:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/17/2010 5:20 PM	9/22/2010 12:40 PM
	Location	PRB2-011	PRB2-011	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-012	PRB2-013	PRB2-013	PRB2-013	PRB2-013	PRB2-014	PRB2-014	PRB2-014	PRB2-014
	Sample	SOB09171710RAH1	SOB09221215RAH1	PRB2012	PRB2012-2	SOB09181250JTR1	SOB09221220RAH1	PRB2-012B-SAMPLE SPLIT	PRB2013	SOB09171715RAH1	PRB2-013-SAMPLE SPLIT	SOB09221230RAH1	PRB2014	PRB2014-2	SOB09171720RAH1	SOB09221240RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 1900	< 100	< 132	< 100	< 1700	< 100	< 850	< 100	< 1600	< 450	< 100	< 175	< 100	< 1000	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	< 850	---	---	< 450	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
o-Xylene	ug/kg	< 930	< 60	< 66	< 50	< 840	< 62	< 420	< 50	< 810	< 220	< 50	< 87	< 50	< 520	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	< 21000	---	---	< 11000	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	< 2100	---	---	< 1100	---	---	---	---	---
Toluene	ug/kg	< 930	< 100	< 66	< 50	< 840	< 100	< 420	**770**	< 810	< 220	< 100	< 87	**750**	< 520	< 100
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	< 420	---	---	< 220	---	---	---	---	---
Xylenes	ug/kg	< 2800	< 150	< 132	< 100	< 2500	< 150	---	< 100	< 2400	---	< 150	< 175	< 100	< 1500	< 150

	Date \ Time Collected	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:40 PM	9/18/2010 12:40 PM	9/22/2010 4:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:35 PM	9/22/2010 4:40 PM	9/2/2010 3:45 PM	9/2/2010 3:45 PM	9/19/2010 4:25 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM
	Location	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-016	PRB2-016	PRB2-016	PRB2-016	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017
	Sample	PRB2015	PRB2015-2	SOB09181240JTR1	PRB2-015-SAMPLE SPLIT	SOB09221630RAH1	PRB2016	PRB2016-2	SOB09181235RAH1	SOB09221640RAH1	PRB2017	PRB2017A	SOB09191625JTR1	SOB09221645RAH1	SOB09221645RAH2	PRB2-017C-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split
Field																
Petroleum Sheen Test	NA	---	---	---	---	trace	---	---	---	trace	---	---	---	None	---	---
Metals																
Arsenic	mg/kg	---	---	---	**13**	---	---	---	---	---	---	---	---	---	---	**4.1**
Barium	mg/kg	---	---	**32.7**	**42**	**100**	---	---	**43.5**	**120**	---	---	**8.29**	**11**	**16**	**10**
Cadmium	mg/kg	---	---	---	**0.38**	---	---	---	---	---	---	---	---	---	---	< 0.2
Chromium (Total)	mg/kg	---	---	---	**7.5**	---	---	---	---	---	---	---	---	---	---	**3.4**
Copper	mg/kg	---	---	---	**7**	---	---	---	---	---	---	---	---	---	---	**1.4**
Iron	mg/kg	---	---	**7380**	**10000**	**12000**	---	---	**21000**	**31000**	---	---	**3680**	**7600**	**10000**	**8100**
Lead	mg/kg	---	---	---	**8.5**	---	---	---	---	---	---	---	---	---	---	**1.2**
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	---	---	---	---	---	< 0.05
Nickel	mg/kg	---	---	**7.49**	**7.5**	**8.7**	---	---	**9.41**	**15**	---	---	**4.01**	**4.2**	**4.0**	**3.4**
Selenium	mg/kg	---	---	---	**1.5**	---	---	---	---	---	---	---	---	---	---	**0.21**
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	---	---	**14.6**	**13**	**12**	---	---	**16.0**	**15**	---	---	**5.71**	**5.6**	**5.8**	**4.9**
Zinc	mg/kg	---	---	---	**15**	---	---	---	---	---	---	---	---	---	---	**13**
PNA																
2-Chloronaphthalene	ug/kg	---	---	< 1100	---	< 330	---	---	< 410	< 330	---	---	< 210	< 330	< 330	---
2-Methylnaphthalene	ug/kg	< 637	< 650	< 1100	< 2800	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 350
Acenaphthene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Acenaphthylene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Anthracene	ug/kg	< 637	< 650	< 1100	< 1100	< 300	< 595	< 688	< 410	< 300	< 158	< 159	< 210	< 300	< 300	< 140
Benzo(a)anthracene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Benzo(a)pyrene	ug/kg	< 637	< 650	< 1100	< 2200	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 280
Benzo(b)fluoranthene	ug/kg	< 637	< 650	< 1100	< 2200	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 280
Benzo(g,h,i)perylene	ug/kg	< 637	< 650	< 1100	< 2200	< 300	< 595	< 688	< 410	< 300	< 158	< 159	< 210	< 300	< 300	< 280
Benzo(k)fluoranthene	ug/kg	< 637	< 650	< 1100	< 2200	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 280
Chrysene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Dibenzo(a,h)anthracene	ug/kg	< 637	< 650	< 1100	< 2200	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 280
Fluoranthene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Fluorene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140

	Date \ Time Collected	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:40 PM	9/18/2010 12:40 PM	9/22/2010 4:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:35 PM	9/22/2010 4:40 PM	9/2/2010 3:45 PM	9/2/2010 3:45 PM	9/19/2010 4:25 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM
	Location	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-016	PRB2-016	PRB2-016	PRB2-016	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017
	Sample	PRB2015	PRB2015-2	SOB09181240JTR1	PRB2-015-SAMPLE SPLIT	SOB09221630RAH1	PRB2016	PRB2016-2	SOB09181235RAH1	SOB09221640RAH1	PRB2017	PRB2017A	SOB09191625JTR1	SOB09221645RAH1	SOB09221645RAH2	PRB2-017C-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split
Indeno(1,2,3-c,d)pyrene	ug/kg	< 637	< 650	< 1100	< 2200	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 280
Naphthalene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Phenanthrene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Pyrene	ug/kg	< 637	< 650	< 1100	< 1100	< 330	< 595	< 688	< 410	< 330	< 158	< 159	< 210	< 330	< 330	< 140
Total PAHs, MDEQ List	ug/kg	< 637	< 650	---	---	---	< 595	< 688	---	---	< 158	< 159	---	---	---	---
Solids																
Moisture	%	---	---	**85.0**	---	**58**	---	---	**59.3**	**75**	---	---	**21.3**	**38**	**43**	---
Solids	%	---	---	---	**18.1**	---	---	---	---	---	---	---	---	---	---	**71.6**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	< 11	---	< 4.0	---	---	< 4.2	< 6.6	---	---	**50**	< 4.0	< 4.0	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 55000	---	---	---	---	---	---	---	---	---	---	< 7000
Diesel Range Organics (C10-C28)	mg/kg	**970**	**700**	---	---	---	**190**	**640**	---	---	**200**	**380**	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	< 4.3	< 12.7	---	---	---	< 5.0	< 13.2	---	---	< 3.2	< 3.1	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	< 24	---	< 4000	---	---	< 9.4	< 4000	---	---	**9.8**	< 4000	< 4000	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	**42**	---	< 4.0	---	---	**11**	**49**	---	---	**100**	**25**	< 4.0	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	**230000**	---	---	---	---	---	---	---	---	---	---	**50000**
Oil Range Organics (C22-C32)	mg/kg	**640**	**420**	---	---	---	**150**	**410**	---	---	**130**	**270**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,1,1-Trichloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,1,2-Trichloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,1-Dichloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,1-Dichloroethylene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,2,3-Trichlorobenzene	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
1,2,3-Trichloropropane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,2,3-Trimethylbenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,2,4-Trichlorobenzene	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
1,2,4-Trimethylbenzene	ug/kg	< 172	< 100	< 1500	< 510	< 100	< 199	< 100	< 590	< 100	< 100	< 100	< 300	< 100	< 100	< 91
1,2-Dichlorobenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,2-Dichloroethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,2-Dichloropropane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,3,5-Trimethylbenzene	ug/kg	< 172	< 100	< 1500	< 510	< 100	< 199	< 100	< 590	< 100	< 100	< 100	< 300	< 100	< 100	< 91
1,3-Dichlorobenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91

	Date \ Time Collected	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:40 PM	9/18/2010 12:40 PM	9/22/2010 4:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:35 PM	9/22/2010 4:40 PM	9/2/2010 3:45 PM	9/2/2010 3:45 PM	9/19/2010 4:25 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM
	Location	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-016	PRB2-016	PRB2-016	PRB2-016	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017
	Sample	PRB2015	PRB2015-2	SOB09181240JTR1	PRB2-015-SAMPLE SPLIT	SOB09221630RAH1	PRB2016	PRB2016-2	SOB09181235RAH1	SOB09221640RAH1	PRB2017	PRB2017A	SOB09191625JTR1	SOB09221645RAH1	SOB09221645RAH2	PRB2-017C-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split
1,3-Dichloropropene, cis	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,3-Dichloropropene, trans	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
1,4-Dichlorobenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
2-Butanone (MEK)	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
2-Hexanone	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
2-Methylnaphthalene	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Acetone	ug/kg	---	---	---	< 10000	---	---	---	---	---	---	---	---	---	---	< 1800
Acrylonitrile	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Benzene	ug/kg	< 86	< 50	< 1500	< 510	< 50	< 99	< 50	< 590	< 68	< 50	< 50	< 300	< 50	< 50	< 91
Bromobenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Bromochloromethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Bromodichloromethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Bromoform	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Bromomethane	ug/kg	---	---	---	< 2000	---	---	---	---	---	---	---	---	---	---	< 360
Carbon disulfide	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Carbon tetrachloride	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Chlorobenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Chloroethane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Chloroform	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Chloromethane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
cis-1,2-Dichloroethylene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Cyclohexane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Dibromochloromethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Dibromochloropropane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Dibromomethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Dichlorodifluoromethane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Diethyl ether	ug/kg	---	---	---	< 2000	---	---	---	---	---	---	---	---	---	---	< 360
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Ethylbenzene	ug/kg	< 86	< 50	< 1500	< 510	< 50	< 99	< 50	< 590	< 50	< 50	< 50	< 300	< 50	< 50	< 91
Ethylene dibromide	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Hexachloroethane	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Isopropyl benzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:40 PM	9/18/2010 12:40 PM	9/22/2010 4:30 PM	8/31/2010 12:00 AM	8/31/2010 12:00 AM	9/18/2010 12:35 PM	9/22/2010 4:40 PM	9/2/2010 3:45 PM	9/2/2010 3:45 PM	9/19/2010 4:25 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM	9/22/2010 4:45 PM
	Location	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-015	PRB2-016	PRB2-016	PRB2-016	PRB2-016	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017	PRB2-017
	Sample	PRB2015	PRB2015-2	SOB09181240JTR1	PRB2-015-SAMPLE SPLIT	SOB09221630RAH1	PRB2016	PRB2016-2	SOB09181235RAH1	SOB09221640RAH1	PRB2017	PRB2017A	SOB09191625JTR1	SOB09221645RAH1	SOB09221645RAH2	PRB2-017C-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split
m&p-Xylene	ug/kg	< 172	< 100	< 3000	< 1000	< 100	< 199	< 100	< 1200	< 100	< 100	**130**	< 600	< 100	< 100	< 180
Methyl Iodide	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Methylene chloride	ug/kg	---	---	---	< 1000	---	---	---	---	---	---	---	---	---	---	< 180
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Naphthalene	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
n-Butylbenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
n-Propylbenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
o-Xylene	ug/kg	< 86	< 50	< 1500	< 510	< 50	< 99	< 50	< 590	< 50	< 50	< 50	< 300	< 50	< 50	< 91
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
sec-Butylbenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Styrene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
t-Butyl alcohol	ug/kg	---	---	---	< 25000	---	---	---	---	---	---	---	---	---	---	< 4500
t-Butylbenzene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Tetrachloroethylene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Tetrahydrofuran	ug/kg	---	---	---	< 2500	---	---	---	---	---	---	---	---	---	---	< 450
Toluene	ug/kg	< 86	**610**	< 1500	< 510	< 100	< 99	**1400**	< 590	< 100	**280**	**510**	< 300	< 100	< 100	< 91
trans-1,2-Dichloroethylene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Trichloroethylene	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Trichlorofluoromethane	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Vinyl chloride	ug/kg	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---	< 91
Xylenes	ug/kg	< 172	< 100	< 4500	---	< 150	< 199	< 100	< 1800	< 150	< 100	**130**	< 900	< 150	< 150	---

	Date \ Time Collected	9/2/2010 3:15 PM	9/24/2010 8:50 AM	9/24/2010 8:50 AM	9/22/2010 5:10 PM	9/2/2010 3:45 PM	9/18/2010 12:30 PM	9/23/2010 9:00 AM	9/2/2010 4:05 PM	9/14/2010 2:40 PM	9/14/2010 2:40 PM	9/18/2010 12:20 PM	9/18/2010 12:20 PM	9/2/2010 3:20 PM	9/24/2010 9:45 AM	9/23/2010 9:15 AM
	Location	PRB2-018	PRB2-018	PRB2-018	PRB2018D	PRB2-019	PRB2-019	PRB2019C	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-021	PRB2-021	PRB2021C
	Sample	PRB2018	SOB09240850RJM1	SOB09240850RJM2	SOB09221710RAH1	PRB2019	SOB09181230RAH1	SOB09230900RAH1	PRB2020	SOB09141440RAH1	SOB09141440RAH2	SOB09181220JTR1	PRB2-020-SAMPLE SPLIT	PRB2021	SOB09240945RJM1	SOB09230915RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	None	---	---	---	---	---	---	None	---	---	---	---	None	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**4.3**	---	---	---
Barium	mg/kg	---	**75.0**	**60.1**	**20**	---	**135**	**120**	---	**33**	**13**	**8.44**	**10**	---	**37.6**	**120**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**4.8**	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**1.6**	---	---	---
Iron	mg/kg	---	**48200**	**45300**	**9500**	---	**58800**	**27000**	---	**53000**	**18000**	**5670**	**9200**	---	**15000**	**30000**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**1.4**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.05	---	---	---
Nickel	mg/kg	---	**9.50**	**12.8**	**4.8**	---	**7.06**	**13**	---	**4.1**	**3.0**	**4.19**	**4.2**	---	**9.80**	**9.8**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	---	**13.8**	**14.2**	**8.5**	---	**12.7**	**14**	---	**6.9**	**4.8**	**6.85**	**8**	---	**9.49**	**12**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**13**	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	---	< 350	< 330	< 330	---	< 400	< 460	---	< 330	< 330	< 200	---	---	< 850	< 340
2-Methylnaphthalene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 460	< 287	< 330	< 330	< 200	< 330	< 429	< 850	< 340
Acenaphthene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Acenaphthylene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Anthracene	ug/kg	< 454	< 350	< 330	< 300	< 316	< 400	< 300	< 287	< 300	< 300	< 200	< 130	< 429	< 850	< 300
Benzo(a)anthracene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Benzo(a)pyrene	ug/kg	**620**	< 350	< 330	< 330	< 316	< 400	< 330	**1000**	< 330	< 330	< 200	< 260	**1000**	< 850	< 330
Benzo(b)fluoranthene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 260	< 429	< 850	< 330
Benzo(g,h,i)perylene	ug/kg	< 454	< 350	< 330	< 300	< 316	< 400	< 300	< 287	< 300	< 300	< 200	< 260	< 429	**240**	< 300
Benzo(k)fluoranthene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 260	< 429	< 850	< 330
Chrysene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Dibenzo(a,h)anthracene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 260	< 429	**240**	< 330
Fluoranthene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Fluorene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330

	Date \ Time Collected	9/2/2010 3:15 PM	9/24/2010 8:50 AM	9/24/2010 8:50 AM	9/22/2010 5:10 PM	9/2/2010 3:45 PM	9/18/2010 12:30 PM	9/23/2010 9:00 AM	9/2/2010 4:05 PM	9/14/2010 2:40 PM	9/14/2010 2:40 PM	9/18/2010 12:20 PM	9/18/2010 12:20 PM	9/2/2010 3:20 PM	9/24/2010 9:45 AM	9/23/2010 9:15 AM
	Location	PRB2-018	PRB2-018	PRB2-018	PRB2018D	PRB2-019	PRB2-019	PRB2019C	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-021	PRB2-021	PRB2021C
	Sample	PRB2018	SOB09240850RJM1	SOB09240850RJM2	SOB09221710RAH1	PRB2019	SOB09181230RAH1	SOB09230900RAH1	PRB2020	SOB09141440RAH1	SOB09141440RAH2	SOB09181220JTR1	PRB2-020-SAMPLE SPLIT	PRB2021	SOB09240945RJM1	SOB09230915RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 260	< 429	**210**	< 330
Naphthalene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Phenanthrene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Pyrene	ug/kg	< 454	< 350	< 330	< 330	< 316	< 400	< 330	< 287	< 330	< 330	< 200	< 130	< 429	< 850	< 330
Total PAHs, MDEQ List	ug/kg	**620**	---	---	---	< 316	---	---	**1000**	---	---	---	---	**1000**	---	---
Solids																
Moisture	%	---	**52.4**	**49.8**	**66**	---	**57.8**	**82**	---	**38**	**23**	**17.4**	---	---	**80.6**	**76**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	**75.9**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	**7.2**	**2.8**	< 4.9	---	< 4.0	< 9.5	---	< 4.0	< 4.0	< 2.1	---	---	**7.5**	< 7.2
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 6600	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**480**	---	---	---	**340**	---	---	**190**	---	---	---	---	**350**	---	---
Gasoline Range Organics (C5-C10)	mg/kg	< 6.4	---	---	---	< 5.3	---	---	< 5.4	---	---	---	---	< 6.3	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	< 8.7	< 7.7	< 6.0	---	< 10	< 11	---	< 4000	< 4000	< 10	---	---	< 24	< 8.5
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	**59**	**26**	**59**	---	**14**	< 9.5	---	**14**	**9.7**	**10**	---	---	**120**	< 7.2
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 26000	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**320**	---	---	---	**200**	---	---	**160**	---	---	---	---	**230**	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 540	< 480	< 240	< 100	< 630	< 250	< 100	< 100	< 100	< 320	< 84	< 100	< 1500	< 230
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 540	< 480	< 240	< 100	< 630	< 250	< 100	< 100	< 100	< 320	< 84	< 100	< 1500	< 230
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---

	Date \ Time Collected	9/2/2010 3:15 PM	9/24/2010 8:50 AM	9/24/2010 8:50 AM	9/22/2010 5:10 PM	9/2/2010 3:45 PM	9/18/2010 12:30 PM	9/23/2010 9:00 AM	9/2/2010 4:05 PM	9/14/2010 2:40 PM	9/14/2010 2:40 PM	9/18/2010 12:20 PM	9/18/2010 12:20 PM	9/2/2010 3:20 PM	9/24/2010 9:45 AM	9/23/2010 9:15 AM
	Location	PRB2-018	PRB2-018	PRB2-018	PRB2018D	PRB2-019	PRB2-019	PRB2019C	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-021	PRB2-021	PRB2021C
	Sample	PRB2018	SOB09240850RJM1	SOB09240850RJM2	SOB09221710RAH1	PRB2019	SOB09181230RAH1	SOB09230900RAH1	PRB2020	SOB09141440RAH1	SOB09141440RAH2	SOB09181220JTR1	PRB2-020-SAMPLE SPLIT	PRB2021	SOB09240945RJM1	SOB09230915RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1700	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Benzene	ug/kg	< 50	< 540	< 480	< 240	< 50	< 630	< 250	< 50	< 50	< 50	< 320	< 84	< 50	< 1500	< 230
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 340	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 340	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Ethylbenzene	ug/kg	< 50	< 540	< 480	< 240	< 50	< 630	< 250	< 50	< 50	< 50	< 320	< 84	< 50	< 1500	< 230
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---

	Date \ Time Collected	9/2/2010 3:15 PM	9/24/2010 8:50 AM	9/24/2010 8:50 AM	9/22/2010 5:10 PM	9/2/2010 3:45 PM	9/18/2010 12:30 PM	9/23/2010 9:00 AM	9/2/2010 4:05 PM	9/14/2010 2:40 PM	9/14/2010 2:40 PM	9/18/2010 12:20 PM	9/18/2010 12:20 PM	9/2/2010 3:20 PM	9/24/2010 9:45 AM	9/23/2010 9:15 AM
	Location	PRB2-018	PRB2-018	PRB2-018	PRB2018D	PRB2-019	PRB2-019	PRB2019C	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-020	PRB2-021	PRB2-021	PRB2021C
	Sample	PRB2018	SOB09240850RJM1	SOB09240850RJM2	SOB09221710RAH1	PRB2019	SOB09181230RAH1	SOB09230900RAH1	PRB2020	SOB09141440RAH1	SOB09141440RAH2	SOB09181220JTR1	PRB2-020-SAMPLE SPLIT	PRB2021	SOB09240945RJM1	SOB09230915RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 1100	< 960	< 470	< 100	< 1300	< 500	< 100	< 100	< 100	< 630	< 170	< 100	< 2900	< 450
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 170	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
o-Xylene	ug/kg	< 50	< 540	< 480	< 240	< 50	< 630	< 250	< 50	< 50	< 50	< 320	< 84	< 50	< 1500	< 230
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 4200	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 420	---	---	---
Toluene	ug/kg	**660**	< 540	< 480	< 240	**790**	< 630	< 250	**920**	< 100	< 100	< 320	< 84	**770**	< 1500	< 230
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 84	---	---	---
Xylenes	ug/kg	< 100	< 1600	< 1400	< 710	< 100	< 1900	< 750	< 100	< 150	< 150	< 950	---	< 100	< 4400	< 680

	Date \ Time Collected	9/2/2010 4:10 PM	9/14/2010 2:50 PM	9/2/2010 4:45 PM	9/14/2010 3:50 PM	9/2/2010 3:25 PM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/17/2010 5:40 PM	9/17/2010 5:40 PM	9/2/2010 4:20 PM	9/14/2010 3:30 PM	9/2/2010 3:30 PM	9/16/2010 9:55 AM
	Location	PRB2-022	PRB2-022	PRB2-023	PRB2-023	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-025	PRB2-025	PRB2-026	PRB2-026
	Sample	PRB2022	SOB09141450RAH1	PRB2023	SOB09141505RAH1	PRB2024	SOB09160925JTR1	SOB09160925JTR2	PRB2-024-SAMPLE SPLIT	SOB09171740RAH1	PRB2-024-SAMPLE SPLIT	PRB2025	SOB09141530RAH1	PRB2026	SOB09160955JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result
Field															
Petroleum Sheen Test	NA	---	None	---	None	---	---	---	---	---	---	---	None	---	---
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	**9.8**	---	**8.5**	---	---	---	---
Barium	mg/kg	---	**68**	---	**48**	---	**13**	**34**	**11**	**36.6**	**23**	---	**52**	---	**67**
Cadmium	mg/kg	---	---	---	---	---	---	---	< 0.2	---	< 0.2	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	**7.1**	---	**5.4**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	**2.4**	---	**2.5**	---	---	---	---
Iron	mg/kg	---	**12000**	---	**11000**	---	**9900**	**22000**	**10000**	**23800**	**23000**	---	**41000**	---	**15000**
Lead	mg/kg	---	---	---	---	---	---	---	**2**	---	**1.9**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	< 0.05	---	< 0.05	---	---	---	---
Nickel	mg/kg	---	**8.3**	---	**10**	---	**4.7**	**6.4**	**6**	**6.94**	**5.5**	---	**5.5**	---	**11**
Selenium	mg/kg	---	---	---	---	---	---	---	**0.46**	---	**0.3**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	< 0.1	---	< 0.1	---	---	---	---
Vanadium	mg/kg	---	**14**	---	**9.6**	---	**7.2**	**11**	**7.9**	**10.8**	**7.6**	---	**6.5**	---	**17**
Zinc	mg/kg	---	---	---	---	---	---	---	**15**	---	**21**	---	---	---	---
PNA															
2-Chloronaphthalene	ug/kg	---	< 330	---	< 330	---	< 330	< 330	---	< 310	---	---	< 330	---	< 440
2-Methylnaphthalene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 810	< 310	< 890	< 253	< 330	**620**	< 440
Acenaphthene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	< 364	< 440
Acenaphthylene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	< 364	< 440
Anthracene	ug/kg	< 271	< 300	< 194	< 300	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 300	< 364	< 440
Benzo(a)anthracene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	**600**	< 440
Benzo(a)pyrene	ug/kg	**640**	< 330	< 194	< 330	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 330	**1900**	< 440
Benzo(b)fluoranthene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 330	< 364	< 440
Benzo(g,h,i)perylene	ug/kg	< 271	< 300	< 194	< 300	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 300	**670**	< 440
Benzo(k)fluoranthene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 330	< 364	< 440
Chrysene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	< 364	< 440
Dibenzo(a,h)anthracene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 330	< 364	< 440
Fluoranthene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	**500**	< 440
Fluorene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	< 364	< 440

	Date \ Time Collected	9/2/2010 4:10 PM	9/14/2010 2:50 PM	9/2/2010 4:45 PM	9/14/2010 3:50 PM	9/2/2010 3:25 PM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/17/2010 5:40 PM	9/17/2010 5:40 PM	9/2/2010 4:20 PM	9/14/2010 3:30 PM	9/2/2010 3:30 PM	9/16/2010 9:55 AM
	Location	PRB2-022	PRB2-022	PRB2-023	PRB2-023	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-025	PRB2-025	PRB2-026	PRB2-026
	Sample	PRB2022	SOB09141450RAH1	PRB2023	SOB09141505RAH1	PRB2024	SOB09160925JTR1	SOB09160925JTR2	PRB2-024-SAMPLE SPLIT	SOB09171740RAH1	PRB2-024-SAMPLE SPLIT	PRB2025	SOB09141530RAH1	PRB2026	SOB09160955JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 650	< 310	< 710	< 253	< 330	**400**	< 440
Naphthalene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	< 364	< 440
Phenanthrene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	**1200**	< 440
Pyrene	ug/kg	< 271	< 330	< 194	< 330	< 323	< 330	< 330	< 320	< 310	< 360	< 253	< 330	**660**	< 440
Total PAHs, MDEQ List	ug/kg	**640**	---	< 194	---	< 323	< 330	< 330	---	---	---	< 253	---	**4900**	< 440
Solids															
Moisture	%	---	**47**	---	**56**	---	**47**	**54**	---	**46.5**	---	---	**38**	---	**66**
Solids	%	---	---	---	---	---	---	---	**61.9**	---	**56.3**	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	---	< 4.0	---	**22**	---	< 5.7	< 6.5	---	< 3.2	---	---	< 4.0	---	< 8.7
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	< 16000	---	< 18000	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**700**	---	**260**	---	**250**	---	---	---	---	---	**270**	---	**7200**	---
Gasoline Range Organics (C5-C10)	mg/kg	< 5.5	---	< 3.8	---	< 5.4	---	---	---	---	---	< 5.2	---	**140**	---
Gasoline Range Organics (C6-C10)	mg/kg	---	< 4000	---	< 4000	---	< 4.0	< 4.3	---	< 7.6	---	---	< 4000	---	< 5.8
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	**21**	---	**38**	---	**26**	**29**	---	**8.8**	---	---	**7.1**	---	**38**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	**72000**	---	**98000**	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**530**	---	**310**	---	**540**	---	---	---	---	---	**430**	---	**4800**	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 480	< 130	< 100	< 100	**2300**	< 120
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 480	< 130	< 100	< 100	**1400**	< 120
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---

	Date \ Time Collected	9/2/2010 4:10 PM	9/14/2010 2:50 PM	9/2/2010 4:45 PM	9/14/2010 3:50 PM	9/2/2010 3:25 PM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/17/2010 5:40 PM	9/17/2010 5:40 PM	9/2/2010 4:20 PM	9/14/2010 3:30 PM	9/2/2010 3:30 PM	9/16/2010 9:55 AM
	Location	PRB2-022	PRB2-022	PRB2-023	PRB2-023	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-025	PRB2-025	PRB2-026	PRB2-026
	Sample	PRB2022	SOB09141450RAH1	PRB2023	SOB09141505RAH1	PRB2024	SOB09160925JTR1	SOB09160925JTR2	PRB2-024-SAMPLE SPLIT	SOB09171740RAH1	PRB2-024-SAMPLE SPLIT	PRB2025	SOB09141530RAH1	PRB2026	SOB09160955JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	< 2300	---	< 2500	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 76	< 87	< 110	< 480	< 130	< 50	< 50	**230**	< 120
Bromobenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	< 450	---	< 500	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	< 450	---	< 500	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 76	< 87	< 110	< 480	< 130	< 50	< 50	**370**	< 120
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---

	Date \ Time Collected	9/2/2010 4:10 PM	9/14/2010 2:50 PM	9/2/2010 4:45 PM	9/14/2010 3:50 PM	9/2/2010 3:25 PM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/16/2010 9:25 AM	9/17/2010 5:40 PM	9/17/2010 5:40 PM	9/2/2010 4:20 PM	9/14/2010 3:30 PM	9/2/2010 3:30 PM	9/16/2010 9:55 AM
	Location	PRB2-022	PRB2-022	PRB2-023	PRB2-023	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-024	PRB2-025	PRB2-025	PRB2-026	PRB2-026
	Sample	PRB2022	SOB09141450RAH1	PRB2023	SOB09141505RAH1	PRB2024	SOB09160925JTR1	SOB09160925JTR2	PRB2-024-SAMPLE SPLIT	SOB09171740RAH1	PRB2-024-SAMPLE SPLIT	PRB2025	SOB09141530RAH1	PRB2026	SOB09160955JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 230	< 950	< 250	< 100	< 100	**3300**	< 120
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	< 230	---	< 250	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 76	< 87	< 110	< 480	< 130	< 50	< 50	**1400**	< 120
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	< 5600	---	< 6300	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	< 560	---	< 630	---	---	---	---
Toluene	ug/kg	**590**	< 100	**530**	< 100	**1200**	< 100	< 100	< 110	< 480	< 130	< 50	< 100	**870**	< 120
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	< 110	---	< 130	---	---	---	---
Xylenes	ug/kg	< 100	< 150	< 100	< 150	< 100	< 150	< 150	---	< 1400	---	< 100	< 150	**4700**	< 150

	Date \ Time Collected	9/17/2010 5:45 PM	9/17/2010 5:45 PM	9/2/2010 3:35 PM	9/16/2010 10:05 AM	9/2/2010 5:10 PM	9/2/2010 5:10 PM	9/14/2010 3:45 PM	9/18/2010 12:10 PM	9/2/2010 4:06 PM	9/24/2010 10:05 AM	9/2/2010 6:00 PM	9/2/2010 6:00 PM	9/18/2010 12:10 PM	9/2/2010 6:05 PM	9/2/2010 6:10 PM
	Location	PRB2-026	PRB2-026	PRB2-027	PRB2-027	PRB2-028	PRB2-028	PRB2-028	PRB2-028	PRB2-029	PRB2-029	PRB2-030	PRB2-030	PRB2-030	PRB2-031	PRB2-032
	Sample	SOB09171745RAH1	SOB09171745RAH2	PRB2027	SOB09161005JTR1	PRB2028	PRB2028A	SOB09141545RAH1	SOB09181210RAH1	PRB2029	SOB09241005RJM1	PRB2030	PRB2030A	SOB09181210JTR1	PRB2031	PRB2032
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	---	---	None	---	---	None	---	---	---	---	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	**42.9**	**28.6**	---	**72**	---	---	**38**	**31.5**	---	**140**	---	---	**35.3**	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	**11400**	**7720**	---	**27000**	---	---	**4400**	**5660**	---	**49600**	---	---	**8790**	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	**9.15**	**7.00**	---	**11**	---	---	**6.5**	**6.55**	---	**11.7**	---	---	**5.02**	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**12.9**	**9.56**	---	**15**	---	---	**4.7**	**7.64**	---	**13.6**	---	---	**9.47**	---	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	< 240	---	< 720	---	---	< 330	< 280	---	< 520	---	---	< 230	---	---
2-Methylnaphthalene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Acenaphthene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Acenaphthylene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Anthracene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 300	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Benzo(a)anthracene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Benzo(a)pyrene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Benzo(b)fluoranthene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Benzo(g,h,i)perylene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 300	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Benzo(k)fluoranthene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Chrysene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Dibenzo(a,h)anthracene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Fluoranthene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Fluorene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304

	Date \ Time Collected	9/17/2010 5:45 PM	9/17/2010 5:45 PM	9/2/2010 3:35 PM	9/16/2010 10:05 AM	9/2/2010 5:10 PM	9/2/2010 5:10 PM	9/14/2010 3:45 PM	9/18/2010 12:10 PM	9/2/2010 4:06 PM	9/24/2010 10:05 AM	9/2/2010 6:00 PM	9/2/2010 6:00 PM	9/18/2010 12:10 PM	9/2/2010 6:05 PM	9/2/2010 6:10 PM
	Location	PRB2-026	PRB2-026	PRB2-027	PRB2-027	PRB2-028	PRB2-028	PRB2-028	PRB2-028	PRB2-029	PRB2-029	PRB2-030	PRB2-030	PRB2-030	PRB2-031	PRB2-032
	Sample	SOB09171745RAH1	SOB09171745RAH2	PRB2027	SOB09161005JTR1	PRB2028	PRB2028A	SOB09141545RAH1	SOB09181210RAH1	PRB2029	SOB09241005RJM1	PRB2030	PRB2030A	SOB09181210JTR1	PRB2031	PRB2032
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Naphthalene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Phenanthrene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Pyrene	ug/kg	< 330	< 240	< 411	< 720	< 693	< 322	< 330	< 280	< 313	< 520	< 1922	< 365	< 230	< 156	< 304
Total PAHs, MDEQ List	ug/kg	---	---	< 411	< 720	< 693	< 322	---	---	< 313	---	< 1922	< 365	---	< 156	< 304
Solids																
Moisture	%	**49.7**	**29.8**	---	**79**	---	---	**51**	**40.7**	---	**67.9**	---	---	**26.1**	---	---
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 3.4	**2.5**	---	**25**	---	---	**20**	< 2.9	---	**2.7**	---	---	**15**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	**3000**	---	**720**	**140**	---	---	**310**	---	**3000**	**3300**	---	**49**	< 30
Gasoline Range Organics (C5-C10)	mg/kg	---	---	**100**	---	< 13.7	< 6.3	---	---	< 6.1	---	< 7.5	< 6.6	---	< 3.1	< 7.4
Gasoline Range Organics (C6-C10)	mg/kg	< 11	< 5.8	---	**13**	---	---	< 4000	< 6.5	---	< 15	---	---	< 6.2	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**18**	**30**	---	**68**	---	---	**21**	**8.9**	---	**46**	---	---	**53**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	**2700**	---	**490**	**120**	---	---	**200**	---	**2600**	**2400**	---	**59**	**34**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 690	< 330	**1200**	< 190	< 100	< 100	< 100	< 410	< 100	< 940	< 100	< 100	< 390	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 690	< 330	**1000**	< 190	< 100	< 100	< 100	< 410	< 100	< 940	< 100	< 100	< 390	< 100	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	9/17/2010 5:45 PM	9/17/2010 5:45 PM	9/2/2010 3:35 PM	9/16/2010 10:05 AM	9/2/2010 5:10 PM	9/2/2010 5:10 PM	9/14/2010 3:45 PM	9/18/2010 12:10 PM	9/2/2010 4:06 PM	9/24/2010 10:05 AM	9/2/2010 6:00 PM	9/2/2010 6:00 PM	9/18/2010 12:10 PM	9/2/2010 6:05 PM	9/2/2010 6:10 PM
	Location	PRB2-026	PRB2-026	PRB2-027	PRB2-027	PRB2-028	PRB2-028	PRB2-028	PRB2-028	PRB2-029	PRB2-029	PRB2-030	PRB2-030	PRB2-030	PRB2-031	PRB2-032
	Sample	SOB09171745RAH1	SOB09171745RAH2	PRB2027	SOB09161005JTR1	PRB2028	PRB2028A	SOB09141545RAH1	SOB09181210RAH1	PRB2029	SOB09241005RJM1	PRB2030	PRB2030A	SOB09181210JTR1	PRB2031	PRB2032
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 690	< 330	< 50	< 190	< 50	< 50	< 50	< 410	< 50	< 940	< 50	< 50	< 390	< 50	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 690	< 330	**610**	< 190	< 50	< 50	< 50	< 410	< 50	< 940	< 50	< 50	< 390	< 50	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2010 5:45 PM	9/17/2010 5:45 PM	9/2/2010 3:35 PM	9/16/2010 10:05 AM	9/2/2010 5:10 PM	9/2/2010 5:10 PM	9/14/2010 3:45 PM	9/18/2010 12:10 PM	9/2/2010 4:06 PM	9/24/2010 10:05 AM	9/2/2010 6:00 PM	9/2/2010 6:00 PM	9/18/2010 12:10 PM	9/2/2010 6:05 PM	9/2/2010 6:10 PM
	Location	PRB2-026	PRB2-026	PRB2-027	PRB2-027	PRB2-028	PRB2-028	PRB2-028	PRB2-028	PRB2-029	PRB2-029	PRB2-030	PRB2-030	PRB2-030	PRB2-031	PRB2-032
	Sample	SOB09171745RAH1	SOB09171745RAH2	PRB2027	SOB09161005JTR1	PRB2028	PRB2028A	SOB09141545RAH1	SOB09181210RAH1	PRB2029	SOB09241005RJM1	PRB2030	PRB2030A	SOB09181210JTR1	PRB2031	PRB2032
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 1400	< 660	**3700**	< 190	< 100	< 100	< 100	< 820	< 100	< 1900	< 100	< 100	< 770	< 100	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 690	< 330	**1000**	< 190	< 50	< 50	< 50	< 410	< 50	< 940	< 50	< 50	< 390	< 50	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 690	< 330	**1200**	**1400**	**1400**	< 50	< 100	< 410	**760**	< 940	< 50	< 50	< 390	< 50	**430**
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 2100	< 990	**4700**	< 190	< 100	< 100	< 150	< 1200	< 100	< 2800	< 100	< 100	< 1200	< 100	< 100

	Date \ Time Collected	9/24/2010 10:45 AM	9/2/2010 4:30 PM	9/2/2010 4:30 PM	9/24/2010 11:10 AM	9/2/2010 6:20 PM	9/17/2010 6:15 PM	9/2/2010 5:15 PM	9/24/2010 11:25 AM	9/24/2010 11:25 AM	9/2/2010 5:16 PM	9/24/2010 11:40 AM	9/2/2010 4:15 PM	9/2/2010 4:20 PM	9/24/2010 12:10 PM	9/2/2010 4:25 PM
	Location	PRB2-032	PRB2-033	PRB2-033	PRB2-033	PRB2-034	PRB2-034	PRB2-035	PRB2-035	PRB2-035	PRB2-036	PRB2-036	PRB2-037	PRB2-038	PRB2-038	PRB2-039
	Sample	SOB09241045RJM1	PRB2033	PRB2033A	SOB09241110RJM1	PRB2034	SOB09171815RAH1	PRB2035	SOB09241125RJM1	PRB2-035-SAMPLE SPLIT	PRB2036	SOB09241140RJM1	PRB2037	PRB2038	SOB09241210DJJ1	PRB2039
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	None	---	---	None	---	---	---	light	---	---	trace	---	---	None	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**18**	---	---	---	---	---	---
Barium	mg/kg	**165**	---	---	**29.9**	---	**70.6**	---	**58.4**	**80**	---	**59.8**	---	---	**292**	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	**0.50**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**8.0**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**8.9**	---	---	---	---	---	---
Iron	mg/kg	**115000**	---	---	**40700**	---	**21100**	---	**45200**	**33000**	---	**20400**	---	---	**182000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**17**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	< 0.15	---	---	---	---	---	---
Nickel	mg/kg	**8.73**	---	---	**4.72**	---	**10.1**	---	**7.72**	**9.4**	---	**8.57**	---	---	**6.20**	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	**1.3**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**11.0**	---	---	**6.29**	---	**17.2**	---	**10.8**	**14**	---	**14.3**	---	---	**5.00**	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	**45**	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 490	---	---	< 220	---	< 260	---	< 440	---	---	< 290	---	---	< 670	---
2-Methylnaphthalene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 1200	< 279	< 290	< 293	< 221	< 670	< 190
Acenaphthene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Acenaphthylene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Anthracene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Benzo(a)anthracene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Benzo(a)pyrene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	**300**	**440**	< 670	**220**
Benzo(b)fluoranthene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	< 293	< 221	< 670	< 190
Benzo(g,h,i)perylene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	< 293	< 221	< 670	< 190
Benzo(k)fluoranthene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	< 293	< 221	< 670	< 190
Chrysene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Dibenzo(a,h)anthracene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	< 293	< 221	< 670	< 190
Fluoranthene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Fluorene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190

	Date \ Time Collected	9/24/2010 10:45 AM	9/2/2010 4:30 PM	9/2/2010 4:30 PM	9/24/2010 11:10 AM	9/2/2010 6:20 PM	9/17/2010 6:15 PM	9/2/2010 5:15 PM	9/24/2010 11:25 AM	9/24/2010 11:25 AM	9/2/2010 5:16 PM	9/24/2010 11:40 AM	9/2/2010 4:15 PM	9/2/2010 4:20 PM	9/24/2010 12:10 PM	9/2/2010 4:25 PM
	Location	PRB2-032	PRB2-033	PRB2-033	PRB2-033	PRB2-034	PRB2-034	PRB2-035	PRB2-035	PRB2-035	PRB2-036	PRB2-036	PRB2-037	PRB2-038	PRB2-038	PRB2-039
	Sample	SOB09241045RJM1	PRB2033	PRB2033A	SOB09241110RJM1	PRB2034	SOB09171815RAH1	PRB2035	SOB09241125RJM1	PRB2-035-SAMPLE SPLIT	PRB2036	SOB09241140RJM1	PRB2037	PRB2038	SOB09241210DJJ1	PRB2039
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 970	< 279	< 290	**340**	< 221	< 670	**190**
Naphthalene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Phenanthrene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Pyrene	ug/kg	< 490	< 685	< 646	< 220	< 256	< 260	< 478	< 440	< 490	< 279	< 290	< 293	< 221	< 670	< 190
Total PAHs, MDEQ List	ug/kg	---	< 685	< 646	---	< 256	---	< 478	---	---	< 279	---	**300**	**440**	---	**220**
Solids																
Moisture	%	**66.3**	---	---	**23.6**	---	**35.8**	---	**62.5**	---	---	**42.7**	---	---	**75.5**	---
Solids	%	---	---	---	---	---	---	---	---	**41.1**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**9.9**	---	---	**4.1**	---	**5.1**	---	**53**	---	---	**570**	---	---	**13**	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 24000	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	**3500**	**4800**	---	< 26	---	**500**	---	---	< 28	---	**670**	**520**	---	**1900**
Gasoline Range Organics (C5-C10)	mg/kg	---	< 10.4	< 10.1	---	< 5.2	---	< 10.5	---	---	< 4.9	---	< 5.2	< 3.8	---	**36**
Gasoline Range Organics (C6-C10)	mg/kg	< 11	---	---	< 5.1	---	< 6.1	---	< 10	---	---	**4.3**	---	---	< 16	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 19000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**100**	---	---	**26**	---	**27**	---	**140**	---	---	**720**	---	---	**75**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	**290000**	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	**2500**	**3300**	---	< 26	---	**310**	---	---	< 28	---	**450**	**380**	---	**530**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 720	< 100	< 100	< 320	< 100	< 380	< 100	< 660	< 190	< 100	**78**	< 100	< 100	< 1000	**460**
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 720	< 100	< 100	< 320	< 100	< 380	< 100	< 660	< 190	< 100	**42**	< 100	< 100	< 1000	**240**
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/24/2010 10:45 AM	9/2/2010 4:30 PM	9/2/2010 4:30 PM	9/24/2010 11:10 AM	9/2/2010 6:20 PM	9/17/2010 6:15 PM	9/2/2010 5:15 PM	9/24/2010 11:25 AM	9/24/2010 11:25 AM	9/2/2010 5:16 PM	9/24/2010 11:40 AM	9/2/2010 4:15 PM	9/2/2010 4:20 PM	9/24/2010 12:10 PM	9/2/2010 4:25 PM
	Location	PRB2-032	PRB2-033	PRB2-033	PRB2-033	PRB2-034	PRB2-034	PRB2-035	PRB2-035	PRB2-035	PRB2-036	PRB2-036	PRB2-037	PRB2-038	PRB2-038	PRB2-039
	Sample	SOB09241045RJM1	PRB2033	PRB2033A	SOB09241110RJM1	PRB2034	SOB09171815RAH1	PRB2035	SOB09241125RJM1	PRB2-035-SAMPLE SPLIT	PRB2036	SOB09241140RJM1	PRB2037	PRB2038	SOB09241210DJJ1	PRB2039
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	< 3800	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Benzene	ug/kg	< 720	< 50	< 50	< 320	< 50	< 380	< 50	< 660	< 190	< 50	< 410	< 50	< 50	< 1000	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 720	< 50	< 50	< 320	< 50	< 380	< 50	< 660	< 190	< 50	**49**	< 50	< 50	< 1000	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---

	Date \ Time Collected	9/24/2010 10:45 AM	9/2/2010 4:30 PM	9/2/2010 4:30 PM	9/24/2010 11:10 AM	9/2/2010 6:20 PM	9/17/2010 6:15 PM	9/2/2010 5:15 PM	9/24/2010 11:25 AM	9/24/2010 11:25 AM	9/2/2010 5:16 PM	9/24/2010 11:40 AM	9/2/2010 4:15 PM	9/2/2010 4:20 PM	9/24/2010 12:10 PM	9/2/2010 4:25 PM
	Location	PRB2-032	PRB2-033	PRB2-033	PRB2-033	PRB2-034	PRB2-034	PRB2-035	PRB2-035	PRB2-035	PRB2-036	PRB2-036	PRB2-037	PRB2-038	PRB2-038	PRB2-039
	Sample	SOB09241045RJM1	PRB2033	PRB2033A	SOB09241110RJM1	PRB2034	SOB09171815RAH1	PRB2035	SOB09241125RJM1	PRB2-035-SAMPLE SPLIT	PRB2036	SOB09241140RJM1	PRB2037	PRB2038	SOB09241210DJJ1	PRB2039
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 1400	< 100	< 100	< 640	< 100	< 760	< 100	< 1300	< 380	< 100	**260**	< 100	< 100	< 2000	**730**
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	< 380	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
o-Xylene	ug/kg	< 720	< 50	< 50	< 320	< 50	< 380	< 50	< 660	< 190	< 50	**81**	< 50	< 50	< 1000	**220**
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	< 9500	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	< 950	---	---	---	---	---	---
Toluene	ug/kg	< 720	**760**	**1000**	< 320	< 50	< 380	**690**	< 660	< 190	**760**	< 410	**820**	**770**	< 1000	**610**
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	< 190	---	---	---	---	---	---
Xylenes	ug/kg	< 2200	< 100	< 100	< 950	< 100	< 1100	< 100	< 2000	---	< 100	**340**	< 100	< 100	< 3000	**950**

	Date \ Time Collected	9/24/2010 12:05 PM	9/2/2010 5:00 PM	9/2/2010 5:00 PM	9/16/2010 10:33 AM	9/3/2010 9:25 AM	9/16/2010 10:50 AM	9/3/2010 12:00 AM	9/15/2010 2:40 PM	9/15/2010 2:40 PM	9/3/2010 9:35 AM	9/24/2010 1:45 PM	9/3/2010 10:00 AM	9/24/2010 1:35 PM	9/3/2010 10:00 AM
	Location	PRB2-039	PRB2-040	PRB2-040	PRB2-040	PRB2-041	PRB2-041	PRB2-042	PRB2-042	PRB2-042	PRB2-043	PRB2-043	PRB2-044	PRB2-044	PRB2-045
	Sample	SOB09241205RJM1	PRB2040	PRB2040A	SOB09161033JTR1	PRB2041R	SOB09161050JTR1	PRB2042R	SOB09151440RAH1	PR1B2-042-SAMPLE SPLIT	PRB2043R	SOB09241345DJJ1	PRB2044	SOB09241335RJM1	PRB2045
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Field															
Petroleum Sheen Test	NA	None	---	---	---	---	---	---	ND	---	---	None	---	None	---
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**150**	---	---	---	---	---
Barium	mg/kg	**105**	---	---	**60**	---	**130**	---	**160**	**150**	---	**260**	---	**158**	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	**0.54**	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**5.5**	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**7.1**	---	---	---	---	---
Iron	mg/kg	**28000**	---	---	**29000**	---	**54000**	---	**79000**	**18000**	---	**204000**	---	**24600**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**8**	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	**0.13**	---	---	---	---	---
Nickel	mg/kg	**10.6**	---	---	**12**	---	**14**	---	**17**	**15**	---	**5.21**	---	**12.2**	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	**2.6**	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	**0.13**	---	---	---	---	---
Vanadium	mg/kg	**15.8**	---	---	**13**	---	**25**	---	**27**	**19**	---	< 3.44	---	**12.3**	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	**25**	---	---	---	---	---
PNA															
2-Chloronaphthalene	ug/kg	< 220	---	---	< 330	---	< 500	---	< 330	---	---	< 590	---	< 370	---
2-Methylnaphthalene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 1000	< 693	< 590	< 230	< 370	< 281
Acenaphthene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Acenaphthylene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Anthracene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 300	< 410	< 693	< 590	< 230	< 370	< 281
Benzo(a)anthracene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Benzo(a)pyrene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 830	< 693	< 590	< 230	< 370	< 281
Benzo(b)fluoranthene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 830	< 693	< 590	< 230	< 370	< 281
Benzo(g,h,i)perylene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 300	< 830	< 693	< 590	< 230	< 370	< 281
Benzo(k)fluoranthene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 830	< 693	< 590	< 230	< 370	< 281
Chrysene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Dibenzo(a,h)anthracene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 830	< 693	< 590	< 230	< 370	< 281
Fluoranthene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Fluorene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281

	Date \ Time Collected	9/24/2010 12:05 PM	9/2/2010 5:00 PM	9/2/2010 5:00 PM	9/16/2010 10:33 AM	9/3/2010 9:25 AM	9/16/2010 10:50 AM	9/3/2010 12:00 AM	9/15/2010 2:40 PM	9/15/2010 2:40 PM	9/3/2010 9:35 AM	9/24/2010 1:45 PM	9/3/2010 10:00 AM	9/24/2010 1:35 PM	9/3/2010 10:00 AM
	Location	PRB2-039	PRB2-040	PRB2-040	PRB2-040	PRB2-041	PRB2-041	PRB2-042	PRB2-042	PRB2-042	PRB2-043	PRB2-043	PRB2-044	PRB2-044	PRB2-045
	Sample	SOB09241205RJM1	PRB2040	PRB2040A	SOB09161033JTR1	PRB2041R	SOB09161050JTR1	PRB2042R	SOB09151440RAH1	PR1B2-042-SAMPLE SPLIT	PRB2043R	SOB09241345DJJ1	PRB2044	SOB09241335RJM1	PRB2045
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 830	< 693	< 590	< 230	< 370	< 281
Naphthalene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Phenanthrene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Pyrene	ug/kg	< 220	< 542	< 408	< 330	< 532	< 500	< 326	< 330	< 410	< 693	< 590	< 230	< 370	< 281
Total PAHs, MDEQ List	ug/kg	---	< 542	< 408	< 330	< 532	< 500	< 326	---	---	< 693	---	< 230	---	< 281
Solids															
Moisture	%	**28.5**	---	---	**41**	---	**70**	---	**54**	---	---	**72.3**	---	**55.4**	---
Solids	%	---	---	---	---	---	---	---	---	**48.2**	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**1.6**	---	---	**48**	---	**260**	---	**33**	---	---	**19**	---	**40**	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 21000	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	**5800**	**670**	---	< 53	---	< 33	---	---	**1500**	---	**98**	---	< 28
Gasoline Range Organics (C5-C10)	mg/kg	---	< 8.3	< 8.0	---	< 7.4	---	< 4.7	---	---	< 10.0	---	< 4.5	---	< 4.3
Gasoline Range Organics (C6-C10)	mg/kg	< 5.4	---	---	< 4.0	---	**21**	---	< 4000	---	---	< 14	---	< 9.8	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**34**	---	---	**150**	---	**390**	---	**27**	---	---	**320**	---	**110**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	< 83000	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	**4000**	**670**	---	< 53	---	< 33	---	---	**1000**	---	**120**	---	< 28
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 340	< 100	< 100	< 100	< 100	< 130	< 100	< 100	< 150	< 100	< 880	< 100	< 610	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 340	< 100	< 100	< 100	< 100	< 130	< 100	< 100	< 150	< 100	< 880	< 100	< 610	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---

	Date \ Time Collected	9/24/2010 12:05 PM	9/2/2010 5:00 PM	9/2/2010 5:00 PM	9/16/2010 10:33 AM	9/3/2010 9:25 AM	9/16/2010 10:50 AM	9/3/2010 12:00 AM	9/15/2010 2:40 PM	9/15/2010 2:40 PM	9/3/2010 9:35 AM	9/24/2010 1:45 PM	9/3/2010 10:00 AM	9/24/2010 1:35 PM	9/3/2010 10:00 AM
	Location	PRB2-039	PRB2-040	PRB2-040	PRB2-040	PRB2-041	PRB2-041	PRB2-042	PRB2-042	PRB2-042	PRB2-043	PRB2-043	PRB2-044	PRB2-044	PRB2-045
	Sample	SOB09241205RJM1	PRB2040	PRB2040A	SOB09161033JTR1	PRB2041R	SOB09161050JTR1	PRB2042R	SOB09151440RAH1	PR1B2-042-SAMPLE SPLIT	PRB2043R	SOB09241345DJJ1	PRB2044	SOB09241335RJM1	PRB2045
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	< 3100	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Benzene	ug/kg	< 340	< 50	< 50	< 68	< 50	< 130	< 50	< 50	< 150	< 50	< 880	< 50	< 610	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	< 610	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	< 610	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Ethylbenzene	ug/kg	< 340	< 50	< 50	< 68	< 50	< 130	< 50	< 50	< 150	< 50	< 880	< 50	< 610	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---

	Date \ Time Collected	9/24/2010 12:05 PM	9/2/2010 5:00 PM	9/2/2010 5:00 PM	9/16/2010 10:33 AM	9/3/2010 9:25 AM	9/16/2010 10:50 AM	9/3/2010 12:00 AM	9/15/2010 2:40 PM	9/15/2010 2:40 PM	9/3/2010 9:35 AM	9/24/2010 1:45 PM	9/3/2010 10:00 AM	9/24/2010 1:35 PM	9/3/2010 10:00 AM
	Location	PRB2-039	PRB2-040	PRB2-040	PRB2-040	PRB2-041	PRB2-041	PRB2-042	PRB2-042	PRB2-042	PRB2-043	PRB2-043	PRB2-044	PRB2-044	PRB2-045
	Sample	SOB09241205RJM1	PRB2040	PRB2040A	SOB09161033JTR1	PRB2041R	SOB09161050JTR1	PRB2042R	SOB09151440RAH1	PR1B2-042-SAMPLE SPLIT	PRB2043R	SOB09241345DJJ1	PRB2044	SOB09241335RJM1	PRB2045
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 670	< 100	< 100	< 100	< 100	**230**	< 100	< 100	< 310	< 100	< 1800	< 100	< 1200	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	< 310	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
o-Xylene	ug/kg	< 340	< 50	< 50	< 68	< 50	< 130	< 50	< 50	< 150	< 50	< 880	< 50	< 610	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	< 7600	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	< 760	---	---	---	---	---
Toluene	ug/kg	< 340	**740**	< 50	< 100	< 50	< 130	**530**	< 100	< 150	**930**	< 880	**600**	< 610	**580**
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	< 150	---	---	---	---	---
Xylenes	ug/kg	< 1000	< 100	< 100	< 150	< 100	**230**	< 100	< 150	---	< 100	< 2600	< 100	< 1800	< 100

	Date \ Time Collected	9/24/2010 2:00 PM	9/24/2010 2:00 PM	9/3/2010 9:40 AM	9/24/2010 1:45 PM	9/3/2010 9:45 AM	9/24/2010 2:25 PM	9/2/2010 5:07 PM	9/16/2010 11:00 AM	9/16/2010 11:00 AM	9/2/2010 5:05 PM	9/24/2010 2:00 PM	9/2/2010 5:10 PM	9/16/2010 10:45 AM	9/2/2010 5:00 PM	9/12/2010 5:13 PM
	Location	PRB2-045	PRB2-045	PRB2-046	PRB2-046	PRB2-047	PRB2-047	PRB2-048	PRB2-048	PRB2-048	PRB2-049	PRB2-049	PRB2-050	PRB2-050	PRB2-051	PRB2-051
	Sample	SOB09241400DJJ1	PRB2-045-SAMPLE SPLIT	PRB2046R	SOB09241345RJM1	PRB0247R	SOB09241425DJJ1	PRB2048	SOB09161100RAH1	PRB2-048-SAMPLE SPLIT	PRB2049	SOB09241400RJM1	PRB2050	SOB09161045RAH1	PRB2051	SOB09121713JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	None	---	---	light	---	None	---	---	---	---	None	---	---	---	None
Metals																
Arsenic	mg/kg	---	**200**	---	---	---	---	---	---	**35**	---	---	---	---	---	---
Barium	mg/kg	**141**	**170**	---	**108**	---	**130**	---	**52**	**89**	---	**79.8**	---	**270**	---	---
Cadmium	mg/kg	---	**0.61**	---	---	---	---	---	---	**0.22**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**5.1**	---	---	---	---	---	---	**4.8**	---	---	---	---	---	---
Copper	mg/kg	---	**8.6**	---	---	---	---	---	---	**4.1**	---	---	---	---	---	---
Iron	mg/kg	**51400**	**62000**	---	**31600**	---	**51800**	---	**26000**	**34000**	---	**13200**	---	**80000**	---	---
Lead	mg/kg	---	**37**	---	---	---	---	---	---	**7.9**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.2	---	---	---	---	---	---	< 0.05	---	---	---	---	---	---
Nickel	mg/kg	**12.1**	**5.7**	---	**7.38**	---	**9.25**	---	**7.8**	**5.4**	---	**9.55**	---	**13**	---	---
Selenium	mg/kg	---	**1.3**	---	---	---	---	---	---	**0.62**	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**12.4**	**8.6**	---	**7.98**	---	**13.0**	---	**13**	**7.9**	---	**13.5**	---	**17**	---	---
Zinc	mg/kg	---	**55**	---	---	---	---	---	---	**30**	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 530	---	---	< 430	---	< 280	---	< 330	---	---	< 410	---	< 370	---	---
2-Methylnaphthalene	ug/kg	< 530	< 2100	< 428	< 430	---	< 280	< 292	< 330	< 970	< 294	< 410	< 464	< 370	< 406	< 833
Acenaphthene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Acenaphthylene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Anthracene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Benzo(a)anthracene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Benzo(a)pyrene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Benzo(b)fluoranthene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Benzo(g,h,i)perylene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Benzo(k)fluoranthene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Chrysene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Dibenzo(a,h)anthracene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Fluoranthene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Fluorene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833

	Date \ Time Collected	9/24/2010 2:00 PM	9/24/2010 2:00 PM	9/3/2010 9:40 AM	9/24/2010 1:45 PM	9/3/2010 9:45 AM	9/24/2010 2:25 PM	9/2/2010 5:07 PM	9/16/2010 11:00 AM	9/16/2010 11:00 AM	9/2/2010 5:05 PM	9/24/2010 2:00 PM	9/2/2010 5:10 PM	9/16/2010 10:45 AM	9/2/2010 5:00 PM	9/12/2010 5:13 PM
	Location	PRB2-045	PRB2-045	PRB2-046	PRB2-046	PRB2-047	PRB2-047	PRB2-048	PRB2-048	PRB2-048	PRB2-049	PRB2-049	PRB2-050	PRB2-050	PRB2-051	PRB2-051
	Sample	SOB09241400DJJ1	PRB2-045-SAMPLE SPLIT	PRB2046R	SOB09241345RJM1	PRB0247R	SOB09241425DJJ1	PRB2048	SOB09161100RAH1	PRB2-048-SAMPLE SPLIT	PRB2049	SOB09241400RJM1	PRB2050	SOB09161045RAH1	PRB2051	SOB09121713JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 530	< 1700	< 428	< 430	---	< 280	< 292	< 330	< 780	< 294	< 410	< 464	< 370	< 406	< 833
Naphthalene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Phenanthrene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Pyrene	ug/kg	< 530	< 860	< 428	< 430	---	< 280	< 292	< 330	< 390	< 294	< 410	< 464	< 370	< 406	< 833
Total PAHs, MDEQ List	ug/kg	---	---	< 428	---	---	---	< 292	< 330	---	< 294	---	< 464	< 370	< 406	< 833
Solids																
Moisture	%	**68.7**	---	---	**61.7**	---	**41.5**	---	**50**	---	---	**59.4**	---	**59**	---	---
Solids	%	---	**23.3**	---	---	---	---	---	---	**51.4**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**25**	---	---	**3.7**	---	**4.9**	---	**10**	---	---	**3.0**	---	**12**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 43000	---	---	---	---	---	---	**46000**	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	**2000**	---	---	---	**550**	---	---	**210**	---	**320**	---	**120**	**1200**
Gasoline Range Organics (C5-C10)	mg/kg	---	---	**70**	---	< 5.5	---	< 5.8	---	---	< 6.0	---	< 9.1	---	< 8.0	---
Gasoline Range Organics (C6-C10)	mg/kg	< 13	---	---	< 9.2	---	< 6.6	---	< 4.0	---	---	< 11	---	< 4.9	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 38000	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**120**	---	---	**42**	---	**40**	---	**35**	---	---	**36**	---	**34**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	**510000**	---	---	---	---	---	---	**160000**	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	**1500**	---	---	---	**260**	---	---	**200**	---	**430**	---	**200**	**800**
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 800	< 380	< 100	< 570	**4100**	< 410	< 233	< 100	< 140	< 100	< 700	< 379	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 800	< 380	**2400**	< 570	**1900**	< 410	< 233	< 100	< 140	< 100	< 700	< 379	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---

	Date \ Time Collected	9/24/2010 2:00 PM	9/24/2010 2:00 PM	9/3/2010 9:40 AM	9/24/2010 1:45 PM	9/3/2010 9:45 AM	9/24/2010 2:25 PM	9/2/2010 5:07 PM	9/16/2010 11:00 AM	9/16/2010 11:00 AM	9/2/2010 5:05 PM	9/24/2010 2:00 PM	9/2/2010 5:10 PM	9/16/2010 10:45 AM	9/2/2010 5:00 PM	9/12/2010 5:13 PM
	Location	PRB2-045	PRB2-045	PRB2-046	PRB2-046	PRB2-047	PRB2-047	PRB2-048	PRB2-048	PRB2-048	PRB2-049	PRB2-049	PRB2-050	PRB2-050	PRB2-051	PRB2-051
	Sample	SOB09241400DJJ1	PRB2-045-SAMPLE SPLIT	PRB2046R	SOB09241345RJM1	PRB0247R	SOB09241425DJJ1	PRB2048	SOB09161100RAH1	PRB2-048-SAMPLE SPLIT	PRB2049	SOB09241400RJM1	PRB2050	SOB09161045RAH1	PRB2051	SOB09121713JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
2-Hexanone	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Acetone	ug/kg	---	< 7700	---	---	---	---	---	---	< 2900	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Benzene	ug/kg	< 800	< 380	< 50	< 570	**2000**	< 410	< 117	< 79	< 140	< 50	< 700	< 190	< 98	< 50	< 50
Bromobenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Bromoform	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Bromomethane	ug/kg	---	< 1500	---	---	---	---	---	---	< 570	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Chloroethane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Chloroform	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Chloromethane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Cyclohexane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Dibromomethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Diethyl ether	ug/kg	---	< 1500	---	---	---	---	---	---	< 570	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 800	< 380	**5400**	< 570	**970**	< 410	< 117	< 79	< 140	< 50	< 700	< 190	< 98	< 50	< 50
Ethylene dibromide	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---

	Date \ Time Collected	9/24/2010 2:00 PM	9/24/2010 2:00 PM	9/3/2010 9:40 AM	9/24/2010 1:45 PM	9/3/2010 9:45 AM	9/24/2010 2:25 PM	9/2/2010 5:07 PM	9/16/2010 11:00 AM	9/16/2010 11:00 AM	9/2/2010 5:05 PM	9/24/2010 2:00 PM	9/2/2010 5:10 PM	9/16/2010 10:45 AM	9/2/2010 5:00 PM	9/12/2010 5:13 PM
	Location	PRB2-045	PRB2-045	PRB2-046	PRB2-046	PRB2-047	PRB2-047	PRB2-048	PRB2-048	PRB2-048	PRB2-049	PRB2-049	PRB2-050	PRB2-050	PRB2-051	PRB2-051
	Sample	SOB09241400DJJ1	PRB2-045-SAMPLE SPLIT	PRB2046R	SOB09241345RJM1	PRB0247R	SOB09241425DJJ1	PRB2048	SOB09161100RAH1	PRB2-048-SAMPLE SPLIT	PRB2049	SOB09241400RJM1	PRB2050	SOB09161045RAH1	PRB2051	SOB09121713JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 1600	< 770	**1600**	< 1100	**7000**	< 810	< 233	< 100	< 290	< 100	< 1400	< 379	< 100	< 100	< 100
Methyl Iodide	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Methylene chloride	ug/kg	---	< 770	---	---	---	---	---	---	< 290	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Naphthalene	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
o-Xylene	ug/kg	< 800	< 380	**1100**	< 570	**3200**	< 410	< 117	< 79	< 140	< 50	< 700	< 190	< 98	< 50	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Styrene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	< 19000	---	---	---	---	---	---	< 7200	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	< 1900	---	---	---	---	---	---	< 720	---	---	---	---	---	---
Toluene	ug/kg	< 800	< 380	**830**	< 570	< 50	< 410	**600**	< 100	< 140	< 50	< 700	< 190	< 100	**940**	< 100
trans-1,2-Dichloroethylene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	< 380	---	---	---	---	---	---	< 140	---	---	---	---	---	---
Xylenes	ug/kg	< 2400	---	**2700**	< 1700	**10200**	< 1200	< 233	< 150	---	< 100	< 2100	< 379	< 150	< 100	< 150

	Date \ Time Collected	9/2/2010 4:55 PM	9/12/2010 5:33 PM	9/2/2010 5:15 PM	9/15/2010 8:20 AM	9/15/2010 8:20 AM	9/16/2010 10:30 AM	9/2/2010 4:50 PM	9/24/2010 2:10 PM	9/2/2010 5:20 PM	9/15/2010 8:45 AM	9/16/2010 10:20 AM	9/2/2010 5:25 PM	9/2/2010 5:28 PM	9/15/2010 8:55 AM	9/15/2010 8:55 AM
	Location	PRB2-052	PRB2-052	PRB2-053	PRB2-053	PRB2-053	PRB2-053	PRB2-054	PRB2-054	PRB2-055	PRB2-055	PRB2-055	PRB2-056	PRB2-056	PRB2-056	PRB2-056
	Sample	PRB2052	SOB09121733JTR1	PRB2053	SOB09150820JTR1	SOB09150820JTR2	SOB09161030RAH1	PRB2054	SOB09241410RJM1	PRB2055	SOB09150845JTR1	SOB09161020RAH1	PRB2056	PRB2056A	SOB09150855JTR1	PRB2-056-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Field																
Petroleum Sheen Test	NA	---	None	---	ND	---	---	---	None	---	ND	---	---	---	ND	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**8.6**
Barium	mg/kg	---	**180**	---	**57**	**61**	**67**	---	**128**	---	**78**	**48**	---	---	**60**	**58**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.39**
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**9.3**
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**9.8**
Iron	mg/kg	---	**100000**	---	**19000**	**13000**	**12000**	---	**96200**	---	**12000**	**7800**	---	---	**10000**	**13000**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**6.4**
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.2
Nickel	mg/kg	---	**9.9**	---	**10**	**11**	**13**	---	**7.75**	---	**16**	**11**	---	---	**8.6**	**8.4**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**1.3**
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	---	**15**	---	**12**	**14**	**19**	---	**1.75**	---	**23**	**14**	---	---	**12**	**13**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**34**
PNA																
2-Chloronaphthalene	ug/kg	---	---	---	< 330	< 330	< 520	---	< 770	---	< 330	< 480	---	---	< 330	---
2-Methylnaphthalene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1700
Acenaphthene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Acenaphthylene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Anthracene	ug/kg	< 226	< 184	< 330	< 300	< 300	< 520	< 336	< 770	< 332	< 300	< 480	< 484	< 405	< 300	< 680
Benzo(a)anthracene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Benzo(a)pyrene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1400
Benzo(b)fluoranthene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1400
Benzo(g,h,i)perylene	ug/kg	< 226	< 184	< 330	< 300	< 300	< 520	< 336	< 770	< 332	< 300	< 480	< 484	< 405	< 300	< 1400
Benzo(k)fluoranthene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1400
Chrysene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Dibenzo(a,h)anthracene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1400
Fluoranthene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Fluorene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680

	Date \ Time Collected	9/2/2010 4:55 PM	9/12/2010 5:33 PM	9/2/2010 5:15 PM	9/15/2010 8:20 AM	9/15/2010 8:20 AM	9/16/2010 10:30 AM	9/2/2010 4:50 PM	9/24/2010 2:10 PM	9/2/2010 5:20 PM	9/15/2010 8:45 AM	9/16/2010 10:20 AM	9/2/2010 5:25 PM	9/2/2010 5:28 PM	9/15/2010 8:55 AM	9/15/2010 8:55 AM
	Location	PRB2-052	PRB2-052	PRB2-053	PRB2-053	PRB2-053	PRB2-053	PRB2-054	PRB2-054	PRB2-055	PRB2-055	PRB2-055	PRB2-056	PRB2-056	PRB2-056	PRB2-056
	Sample	PRB2052	SOB09121733JTR1	PRB2053	SOB09150820JTR1	SOB09150820JTR2	SOB09161030RAH1	PRB2054	SOB09241410RJM1	PRB2055	SOB09150845JTR1	SOB09161020RAH1	PRB2056	PRB2056A	SOB09150855JTR1	PRB2-056-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Indeno(1,2,3-c,d)pyrene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 1400
Naphthalene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Phenanthrene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Pyrene	ug/kg	< 226	< 184	< 330	< 330	< 330	< 520	< 336	< 770	< 332	< 330	< 480	< 484	< 405	< 330	< 680
Total PAHs, MDEQ List	ug/kg	< 226	< 184	< 330	---	---	< 520	< 336	---	< 332	---	< 480	< 484	< 405	---	---
Solids																
Moisture	%	---	**62**	---	**62**	**67**	**71**	---	**78.3**	---	**73**	**69**	---	---	**73**	---
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**29.5**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	**9.7**	**31**	**15**	---	**6.9**	---	< 6.1	**11**	---	---	**110**	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 34000
Diesel Range Organics (C10-C28)	mg/kg	< 23	**370**	< 33	---	---	---	**440**	---	**46**	---	---	**180**	**100**	---	---
Gasoline Range Organics (C5-C10)	mg/kg	< 4.3	---	< 5.2	---	---	---	< 6.7	---	< 6.6	---	---	< 9.0	< 7.8	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	< 4.0	---	< 4000	< 4000	< 7.0	---	< 18	---	< 4000	< 6.4	---	---	< 4000	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	**66**	**51**	**54**	---	**79**	---	**33**	**35**	---	---	**75**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 140000
Oil Range Organics (C22-C32)	mg/kg	< 23	**260**	< 33	---	---	---	**350**	---	< 33	---	---	**120**	**220**	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
1,2,4-Trimethylbenzene	ug/kg	< 188	< 100	< 339	< 100	< 100	< 140	< 269	< 1100	< 269	< 100	< 130	< 417	< 100	< 100	< 280
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,3,5-Trimethylbenzene	ug/kg	< 188	< 100	< 339	< 100	< 100	< 140	< 269	< 1100	< 269	< 100	< 130	< 417	< 100	< 100	< 280
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280

	Date \ Time Collected	9/2/2010 4:55 PM	9/12/2010 5:33 PM	9/2/2010 5:15 PM	9/15/2010 8:20 AM	9/15/2010 8:20 AM	9/16/2010 10:30 AM	9/2/2010 4:50 PM	9/24/2010 2:10 PM	9/2/2010 5:20 PM	9/15/2010 8:45 AM	9/16/2010 10:20 AM	9/2/2010 5:25 PM	9/2/2010 5:28 PM	9/15/2010 8:55 AM	9/15/2010 8:55 AM
	Location	PRB2-052	PRB2-052	PRB2-053	PRB2-053	PRB2-053	PRB2-053	PRB2-054	PRB2-054	PRB2-055	PRB2-055	PRB2-055	PRB2-056	PRB2-056	PRB2-056	PRB2-056
	Sample	PRB2052	SOB09121733JTR1	PRB2053	SOB09150820JTR1	SOB09150820JTR2	SOB09161030RAH1	PRB2054	SOB09241410RJM1	PRB2055	SOB09150845JTR1	SOB09161020RAH1	PRB2056	PRB2056A	SOB09150855JTR1	PRB2-056-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 5700
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Benzene	ug/kg	< 94	< 50	< 169	< 50	< 52	< 140	< 134	< 1100	< 134	< 64	< 130	< 208	< 50	< 64	< 280
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Ethylbenzene	ug/kg	< 94	< 50	< 169	< 50	< 50	< 140	< 134	< 1100	< 134	< 50	< 130	< 208	< 50	< 50	< 280
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280

	Date \ Time Collected	9/2/2010 4:55 PM	9/12/2010 5:33 PM	9/2/2010 5:15 PM	9/15/2010 8:20 AM	9/15/2010 8:20 AM	9/16/2010 10:30 AM	9/2/2010 4:50 PM	9/24/2010 2:10 PM	9/2/2010 5:20 PM	9/15/2010 8:45 AM	9/16/2010 10:20 AM	9/2/2010 5:25 PM	9/2/2010 5:28 PM	9/15/2010 8:55 AM	9/15/2010 8:55 AM
	Location	PRB2-052	PRB2-052	PRB2-053	PRB2-053	PRB2-053	PRB2-053	PRB2-054	PRB2-054	PRB2-055	PRB2-055	PRB2-055	PRB2-056	PRB2-056	PRB2-056	PRB2-056
	Sample	PRB2052	SOB09121733JTR1	PRB2053	SOB09150820JTR1	SOB09150820JTR2	SOB09161030RAH1	PRB2054	SOB09241410RJM1	PRB2055	SOB09150845JTR1	SOB09161020RAH1	PRB2056	PRB2056A	SOB09150855JTR1	PRB2-056-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
m&p-Xylene	ug/kg	< 188	< 100	< 339	< 100	< 100	< 140	< 269	< 2300	< 269	< 100	< 130	< 417	< 100	< 100	< 570
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 570
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
o-Xylene	ug/kg	< 94	< 50	< 169	< 50	< 50	< 140	< 134	< 1100	< 134	< 50	< 130	< 208	< 50	< 50	< 280
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 14000
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1400
Toluene	ug/kg	< 94	< 100	< 169	< 100	< 100	< 140	< 134	< 1100	< 134	< 100	< 130	< 208	< 50	< 100	< 280
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 280
Xylenes	ug/kg	< 188	< 150	< 339	< 150	< 150	< 150	< 269	< 3400	< 269	< 150	< 150	< 417	< 100	< 150	---

	Date \ Time Collected	9/16/2010 10:05 AM	9/16/2010 10:05 AM	9/2/2010 4:41 PM	9/12/2010 5:45 PM	9/2/2010 4:38 PM	9/12/2010 6:00 PM	9/2/2010 4:32 PM	9/12/2010 5:40 PM	9/2/2010 5:35 PM	9/16/2010 5:50 PM	9/2/2010 5:40 PM	9/16/2010 9:50 AM	9/2/2010 4:25 PM	9/12/2010 5:20 PM	9/12/2010 5:20 PM
	Location	PRB2-056	PRB2-056	PRB2-057	PRB2-057	PRB2-058	PRB2-058	PRB2-059	PRB2-059	PRB2-060	PRB2-060	PRB2-061	PRB2-061	PRB2-062	PRB2-062	PRB2-062
	Sample	SOB09161005RAH1	PRB2-056-SAMPLE SPLIT	PRB2057	SOB09121745JTR1	PRB2058	SOB09121800CEH1	PRB2059	SOB09121740CEH1	PRB2060	SOB09161750JTR1	PRB2061	SOB09160950RAH1	PRB2062	SOB09121720CEH1	PRB2-062-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Field																
Petroleum Sheen Test	NA	---	---	---	None	---	None	---	None	---	---	---	---	---	None	---
Metals																
Arsenic	mg/kg	---	**6.3**	---	---	---	---	---	---	---	---	---	---	---	---	**110**
Barium	mg/kg	**48**	**37**	---	**120**	---	**350**	---	**120**	---	**130**	---	**190**	---	**86**	**130**
Cadmium	mg/kg	---	**0.24**	---	---	---	---	---	---	---	---	---	---	---	---	**0.28**
Chromium (Total)	mg/kg	---	**6.8**	---	---	---	---	---	---	---	---	---	---	---	---	**3.6**
Copper	mg/kg	---	**8.6**	---	---	---	---	---	---	---	---	---	---	---	---	**4.9**
Iron	mg/kg	**9200**	**8400**	---	**15000**	---	**140000**	---	**30000**	---	**38000**	---	**59000**	---	**54000**	**150000**
Lead	mg/kg	---	**3.8**	---	---	---	---	---	---	---	---	---	---	---	---	**8.2**
Mercury (Total)	mg/kg	---	< 0.15	---	---	---	---	---	---	---	---	---	---	---	---	< 0.15
Nickel	mg/kg	**6.9**	**7**	---	**6.5**	---	**3.9**	---	**8.7**	---	**14**	---	**17**	---	**7.4**	**6.1**
Selenium	mg/kg	---	**0.91**	---	---	---	---	---	---	---	---	---	---	---	---	**0.8**
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**14**	**9.8**	---	**11**	---	**6.2**	---	**15**	---	**22**	---	**28**	---	**12**	**9.2**
Zinc	mg/kg	---	**20**	---	---	---	---	---	---	---	---	---	---	---	---	**22**
PNA																
2-Chloronaphthalene	ug/kg	< 370	---	---	---	---	---	---	---	---	< 380	---	< 370	---	---	---
2-Methylnaphthalene	ug/kg	< 370	< 1200	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1300
Acenaphthene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Acenaphthylene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Anthracene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Benzo(a)anthracene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Benzo(a)pyrene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Benzo(b)fluoranthene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Benzo(g,h,i)perylene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Benzo(k)fluoranthene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Chrysene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Dibenzo(a,h)anthracene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Fluoranthene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Fluorene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520

	Date \ Time Collected	9/16/2010 10:05 AM	9/16/2010 10:05 AM	9/2/2010 4:41 PM	9/12/2010 5:45 PM	9/2/2010 4:38 PM	9/12/2010 6:00 PM	9/2/2010 4:32 PM	9/12/2010 5:40 PM	9/2/2010 5:35 PM	9/16/2010 5:50 PM	9/2/2010 5:40 PM	9/16/2010 9:50 AM	9/2/2010 4:25 PM	9/12/2010 5:20 PM	9/12/2010 5:20 PM
	Location	PRB2-056	PRB2-056	PRB2-057	PRB2-057	PRB2-058	PRB2-058	PRB2-059	PRB2-059	PRB2-060	PRB2-060	PRB2-061	PRB2-061	PRB2-062	PRB2-062	PRB2-062
	Sample	SOB09161005RAH1	PRB2-056-SAMPLE SPLIT	PRB2057	SOB09121745JTR1	PRB2058	SOB09121800CEH1	PRB2059	SOB09121740CEH1	PRB2060	SOB09161750JTR1	PRB2061	SOB09160950RAH1	PRB2062	SOB09121720CEH1	PRB2-062-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Indeno(1,2,3-c,d)pyrene	ug/kg	< 370	< 920	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 1000
Naphthalene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Phenanthrene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Pyrene	ug/kg	< 370	< 460	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	< 520
Total PAHs, MDEQ List	ug/kg	< 370	---	< 406	< 521	< 670	---	< 4917	< 446	< 464	< 380	< 6667	< 370	< 509	< 368	---
Solids																
Moisture	%	**60**	---	---	**76**	---	**80**	---	**67**	---	**61**	---	**60**	---	**66**	---
Solids	%	---	**43.4**	---	---	---	---	---	---	---	---	---	---	---	---	**38.3**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**12**	---	---	---	---	---	---	---	---	< 7.6	---	**11**	---	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	**36000**	---	---	---	---	---	---	---	---	---	---	---	---	< 26000
Diesel Range Organics (C10-C28)	mg/kg	---	---	< 41	**530**	< 67	---	**15000**	**940**	**83**	---	< 667	---	**1000**	**200**	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	< 8.1	---	< 9.8	---	< 9.8	---	< 9.4	---	< 6.6	---	< 9.8	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 5.0	---	---	< 4.0	---	< 4.0	---	< 4.0	---	< 5.1	---	< 5.0	---	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**38**	---	---	---	---	---	---	---	---	**25**	---	**29**	---	---	---
Oil Range Organics (C20-C34)	ug/kg	---	**110000**	---	---	---	---	---	---	---	---	---	---	---	---	**170000**
Oil Range Organics (C22-C32)	mg/kg	---	---	**250**	**360**	**630**	---	**11000**	**620**	**670**	---	< 667	---	**710**	**160**	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,1,1-Trichloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,1,2,2-Tetrachloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,1,2-Trichloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,1-Dichloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,1-Dichloroethylene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,2,3-Trichlorobenzene	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
1,2,3-Trichloropropane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,2,3-Trimethylbenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,2,4-Trichlorobenzene	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
1,2,4-Trimethylbenzene	ug/kg	< 100	< 200	< 100	< 100	< 100	< 100	< 393	< 100	< 100	< 100	< 269	< 100	< 100	< 100	< 210
1,2-Dichlorobenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,2-Dichloroethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,2-Dichloropropane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,3,5-Trimethylbenzene	ug/kg	< 100	< 200	< 100	< 100	< 100	< 100	< 393	< 100	< 100	< 100	< 269	< 100	< 100	< 100	< 210
1,3-Dichlorobenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210

	Date \ Time Collected	9/16/2010 10:05 AM	9/16/2010 10:05 AM	9/2/2010 4:41 PM	9/12/2010 5:45 PM	9/2/2010 4:38 PM	9/12/2010 6:00 PM	9/2/2010 4:32 PM	9/12/2010 5:40 PM	9/2/2010 5:35 PM	9/16/2010 5:50 PM	9/2/2010 5:40 PM	9/16/2010 9:50 AM	9/2/2010 4:25 PM	9/12/2010 5:20 PM	9/12/2010 5:20 PM
	Location	PRB2-056	PRB2-056	PRB2-057	PRB2-057	PRB2-058	PRB2-058	PRB2-059	PRB2-059	PRB2-060	PRB2-060	PRB2-061	PRB2-061	PRB2-062	PRB2-062	PRB2-062
	Sample	SOB09161005RAH1	PRB2-056-SAMPLE SPLIT	PRB2057	SOB09121745JTR1	PRB2058	SOB09121800CEH1	PRB2059	SOB09121740CEH1	PRB2060	SOB09161750JTR1	PRB2061	SOB09160950RAH1	PRB2062	SOB09121720CEH1	PRB2-062-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
1,3-Dichloropropene, cis	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,3-Dichloropropene, trans	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
1,4-Dichloro-2-butene, trans	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
1,4-Dichlorobenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
2-Butanone (MEK)	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
2-Hexanone	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
2-Methylnaphthalene	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
4-Methyl-2-pentanone (MIBK)	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Acetone	ug/kg	---	< 4000	---	---	---	---	---	---	---	---	---	---	---	---	< 4300
Acrylonitrile	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Benzene	ug/kg	< 100	< 200	< 50	< 50	< 50	< 50	< 197	< 50	< 50	< 100	< 135	< 100	< 50	< 50	< 210
Bromobenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Bromochloromethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Bromodichloromethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Bromoform	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Bromomethane	ug/kg	---	< 800	---	---	---	---	---	---	---	---	---	---	---	---	< 860
Carbon disulfide	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Carbon tetrachloride	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Chlorobenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Chloroethane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Chloroform	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Chloromethane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
cis-1,2-Dichloroethylene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Cyclohexane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Dibromochloromethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Dibromochloropropane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Dibromomethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Dichlorodifluoromethane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Diethyl ether	ug/kg	---	< 800	---	---	---	---	---	---	---	---	---	---	---	---	< 860
Di-isopropyl ether (DIPE)	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Ethylbenzene	ug/kg	< 100	< 200	< 50	< 50	< 50	< 50	< 197	< 50	< 50	< 100	< 135	< 100	< 50	< 50	< 210
Ethylene dibromide	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Hexachloroethane	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Isopropyl benzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210

	Date \ Time Collected	9/16/2010 10:05 AM	9/16/2010 10:05 AM	9/2/2010 4:41 PM	9/12/2010 5:45 PM	9/2/2010 4:38 PM	9/12/2010 6:00 PM	9/2/2010 4:32 PM	9/12/2010 5:40 PM	9/2/2010 5:35 PM	9/16/2010 5:50 PM	9/2/2010 5:40 PM	9/16/2010 9:50 AM	9/2/2010 4:25 PM	9/12/2010 5:20 PM	9/12/2010 5:20 PM
	Location	PRB2-056	PRB2-056	PRB2-057	PRB2-057	PRB2-058	PRB2-058	PRB2-059	PRB2-059	PRB2-060	PRB2-060	PRB2-061	PRB2-061	PRB2-062	PRB2-062	PRB2-062
	Sample	SOB09161005RAH1	PRB2-056-SAMPLE SPLIT	PRB2057	SOB09121745JTR1	PRB2058	SOB09121800CEH1	PRB2059	SOB09121740CEH1	PRB2060	SOB09161750JTR1	PRB2061	SOB09160950RAH1	PRB2062	SOB09121720CEH1	PRB2-062-SAMPLE SPLIT
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
m&p-Xylene	ug/kg	< 100	< 400	< 100	< 100	< 100	< 100	< 393	< 100	< 100	< 100	< 269	< 100	< 100	< 100	< 430
Methyl Iodide	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Methylene chloride	ug/kg	---	< 400	---	---	---	---	---	---	---	---	---	---	---	---	< 430
Methyl-tert-butyl ether (MTBE)	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Naphthalene	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
n-Butylbenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
n-Propylbenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
o-Xylene	ug/kg	< 100	< 200	< 50	< 50	< 50	< 50	< 197	< 50	< 50	< 100	< 135	< 100	< 50	< 50	< 210
p-Isopropyl toluene (p-Cymene)	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
sec-Butylbenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Styrene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
t-Amyl methyl ether (TAME)	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
t-Butyl alcohol	ug/kg	---	< 10000	---	---	---	---	---	---	---	---	---	---	---	---	< 11000
t-Butylbenzene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Tetrachloroethylene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Tetrahydrofuran	ug/kg	---	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	< 1100
Toluene	ug/kg	< 100	< 200	< 50	< 100	< 50	< 100	< 197	< 100	< 50	< 100	**680**	< 100	**960**	< 100	< 210
trans-1,2-Dichloroethylene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Trichloroethylene	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Trichlorofluoromethane	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Vinyl chloride	ug/kg	---	< 200	---	---	---	---	---	---	---	---	---	---	---	---	< 210
Xylenes	ug/kg	< 150	---	< 100	< 150	< 100	< 150	< 393	< 150	< 100	< 150	< 269	< 150	< 100	< 150	---

	Date \ Time Collected	9/2/2010 5:43 PM	9/2/2010 4:23 PM	9/12/2010 5:10 PM	9/2/2010 5:48 PM	9/21/2010 12:10 PM	9/2/2010 5:52 PM	9/21/2010 12:20 PM	9/2/2010 4:10 PM	9/12/2010 5:00 PM	9/2/2010 5:58 PM	9/22/2010 3:10 PM	9/22/2010 3:10 PM	9/24/2010 2:40 PM	9/2/2010 5:40 PM	9/21/2010 12:00 PM
	Location	PRB2-063	PRB2-064	PRB2-064	PRB2-065	PRB2-065	PRB2-066	PRB2-066	PRB2-067	PRB2-067	PRB2-068	PRB2-068	PRB2-068	PRB2-068	PRB2-069	PRB2-069
	Sample	PRB2063	PRB2064	SOB09121710CEH1	PRB2065	SOB09211210RAH1	PRB2066	SOB09211220RAH1	PRB2067	SOB09121700CEH1	PRB2068	SOB09221510RAH1	PRB2-068-SAMPLE SPLIT	SOB09241440DJJ1	PRB2069	SOB09211200RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	None	---	Rainbow	---	trace	---	None	---	None	---	None	---	None
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**11**	---	---	---
Barium	mg/kg	---	---	**79**	---	**60.7**	---	**78.6**	---	**53**	---	**100**	**48**	**224**	---	**152**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**4.3**	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**3.9**	---	---	---
Iron	mg/kg	---	---	**25000**	---	**52000**	---	**20700**	---	**20000**	---	**24000**	**44000**	**16600**	---	**73700**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**2.5**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.15	---	---	---
Nickel	mg/kg	---	---	**11**	---	**5.42**	---	**12.7**	---	**5.4**	---	**17**	**5.8**	**7.44**	---	**7.78**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**0.8**	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	---	---	**10**	---	**11.5**	---	**22.5**	---	**8.2**	---	**14**	**6.4**	**5.14**	---	**13.4**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**28**	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	---	---	---	---	< 560	---	< 800	---	---	---	< 330	---	< 330	---	< 460
2-Methylnaphthalene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1300	< 330	< 372	< 460
Acenaphthene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Acenaphthylene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Anthracene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 300	< 530	< 330	< 372	< 460
Benzo(a)anthracene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Benzo(a)pyrene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1100	< 330	< 372	< 460
Benzo(b)fluoranthene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1100	< 330	< 372	< 460
Benzo(g,h,i)perylene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 300	< 1100	< 330	< 372	< 460
Benzo(k)fluoranthene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1100	< 330	< 372	< 460
Chrysene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Dibenzo(a,h)anthracene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1100	< 330	< 372	< 460
Fluoranthene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Fluorene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460

	Date \ Time Collected	9/2/2010 5:43 PM	9/2/2010 4:23 PM	9/12/2010 5:10 PM	9/2/2010 5:48 PM	9/21/2010 12:10 PM	9/2/2010 5:52 PM	9/21/2010 12:20 PM	9/2/2010 4:10 PM	9/12/2010 5:00 PM	9/2/2010 5:58 PM	9/22/2010 3:10 PM	9/22/2010 3:10 PM	9/24/2010 2:40 PM	9/2/2010 5:40 PM	9/21/2010 12:00 PM
	Location	PRB2-063	PRB2-064	PRB2-064	PRB2-065	PRB2-065	PRB2-066	PRB2-066	PRB2-067	PRB2-067	PRB2-068	PRB2-068	PRB2-068	PRB2-068	PRB2-069	PRB2-069
	Sample	PRB2063	PRB2064	SOB09121710CEH1	PRB2065	SOB09211210RAH1	PRB2066	SOB09211220RAH1	PRB2067	SOB09121700CEH1	PRB2068	SOB09221510RAH1	PRB2-068-SAMPLE SPLIT	SOB09241440DJJ1	PRB2069	SOB09211200RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 1100	< 330	< 372	< 460
Naphthalene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Phenanthrene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Pyrene	ug/kg	< 308	< 681	---	< 314	< 560	< 369	< 800	< 264	---	< 471	< 330	< 530	< 330	< 372	< 460
Total PAHs, MDEQ List	ug/kg	< 308	< 681	---	< 314	---	< 369	---	< 264	---	< 471	---	---	---	< 372	---
Solids																
Moisture	%	---	---	**81**	---	**70.3**	---	**79.0**	---	**63**	---	**45**	---	**49.4**	---	**63.9**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	**37.7**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	**440**	---	< 8.1	---	---	---	**6.5**	---	< 17	---	< 4.7
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 27000	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**1700**	**130**	---	< 31	---	**79**	---	< 26	---	**200**	---	---	---	**310**	---
Gasoline Range Organics (C5-C10)	mg/kg	< 6.2	< 13.5	---	< 6.2	---	< 7.1	---	< 5.4	---	< 9.2	---	---	---	< 7.4	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	< 4.0	---	**42**	---	< 20	---	< 4.0	---	< 4000	---	< 7.7	---	< 11
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	**590**	---	**26**	---	---	---	**15**	---	**100**	---	**22**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	**150000**	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**2200**	**440**	---	< 31	---	**52**	---	**260**	---	**400**	---	---	---	**200**	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 254	< 850	< 307	< 1200	< 100	< 100	< 384	< 100	< 220	< 480	< 100	< 670
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 254	< 850	< 307	< 1200	< 100	< 100	< 384	< 100	< 220	< 480	< 100	< 670
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---

	Date \ Time Collected	9/2/2010 5:43 PM	9/2/2010 4:23 PM	9/12/2010 5:10 PM	9/2/2010 5:48 PM	9/21/2010 12:10 PM	9/2/2010 5:52 PM	9/21/2010 12:20 PM	9/2/2010 4:10 PM	9/12/2010 5:00 PM	9/2/2010 5:58 PM	9/22/2010 3:10 PM	9/22/2010 3:10 PM	9/24/2010 2:40 PM	9/2/2010 5:40 PM	9/21/2010 12:00 PM
	Location	PRB2-063	PRB2-064	PRB2-064	PRB2-065	PRB2-065	PRB2-066	PRB2-066	PRB2-067	PRB2-067	PRB2-068	PRB2-068	PRB2-068	PRB2-068	PRB2-069	PRB2-069
	Sample	PRB2063	PRB2064	SOB09121710CEH1	PRB2065	SOB09211210RAH1	PRB2066	SOB09211220RAH1	PRB2067	SOB09121700CEH1	PRB2068	SOB09221510RAH1	PRB2-068-SAMPLE SPLIT	SOB09241440DJJ1	PRB2069	SOB09211200RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 4300	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Benzene	ug/kg	< 50	< 50	< 50	< 127	< 850	< 154	< 1200	< 50	< 50	< 192	< 50	< 220	< 480	< 50	< 670
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 860	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 860	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 127	< 850	< 154	< 1200	< 50	< 50	< 192	< 50	< 220	< 480	< 50	< 670
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---

	Date \ Time Collected	9/2/2010 5:43 PM	9/2/2010 4:23 PM	9/12/2010 5:10 PM	9/2/2010 5:48 PM	9/21/2010 12:10 PM	9/2/2010 5:52 PM	9/21/2010 12:20 PM	9/2/2010 4:10 PM	9/12/2010 5:00 PM	9/2/2010 5:58 PM	9/22/2010 3:10 PM	9/22/2010 3:10 PM	9/24/2010 2:40 PM	9/2/2010 5:40 PM	9/21/2010 12:00 PM
	Location	PRB2-063	PRB2-064	PRB2-064	PRB2-065	PRB2-065	PRB2-066	PRB2-066	PRB2-067	PRB2-067	PRB2-068	PRB2-068	PRB2-068	PRB2-068	PRB2-069	PRB2-069
	Sample	PRB2063	PRB2064	SOB09121710CEH1	PRB2065	SOB09211210RAH1	PRB2066	SOB09211220RAH1	PRB2067	SOB09121700CEH1	PRB2068	SOB09221510RAH1	PRB2-068-SAMPLE SPLIT	SOB09241440DJJ1	PRB2069	SOB09211200RAH1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 254	< 1700	< 307	< 2500	< 100	< 100	< 384	< 100	< 430	< 960	< 100	< 1300
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 430	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 50	< 127	< 850	< 154	< 1200	< 50	< 50	< 192	< 50	< 220	< 480	< 50	< 670
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 11000	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1100	---	---	---
Toluene	ug/kg	**700**	**1300**	< 100	< 127	< 850	< 154	< 1200	< 50	< 100	**770**	< 100	< 220	< 480	**860**	< 670
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 220	---	---	---
Xylenes	ug/kg	< 100	< 100	< 150	< 254	< 2500	< 307	< 3700	< 100	< 150	< 384	< 150	---	< 1400	< 100	< 2000

	Date \ Time Collected	9/2/2010 5:25 PM	9/2/2010 5:30 PM	9/21/2010 11:50 AM	9/3/2010 3:05 PM	9/16/2010 9:30 AM	9/3/2010 3:15 PM	9/24/2010 3:00 PM	9/3/2010 2:02 PM	9/12/2010 4:45 PM	9/12/2010 4:45 PM	9/3/2010 2:08 PM	9/12/2010 4:30 PM	9/12/2010 4:30 PM	9/3/2010 2:24 PM
	Location	PRB2-070	PRB2-070	PRB2-070	PRB2-071	PRB2-071	PRB2-072	PRB2-072	PRB2-073	PRB2-073	PRB2-073	PRB2-074	PRB2-074	PRB2-074	PRB2-075
	Sample	PRB2070A	PRB2070	SOB09211150RAH1	PRB2071R	SOB09160930RAH1	PB2072R	SOB09241500DJJ1	PRB2073R	SOB09121645CEH1	PRB2-073R-SAMPLE SPLIT	PRB2074R	SOB09121630CEH1	SOB09121630CEH2	PRB2075R
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result
Field															
Petroleum Sheen Test	NA	---	---	light	---	---	---	None	---	None	---	---	Trace	---	---
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	**54**	---	---	---	---
Barium	mg/kg	---	---	**54.0**	**64**	**170**	**88**	**58.4**	**260**	**220**	**210**	**200**	**240**	**150**	**150**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	**0.45**	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	**9.8**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	**8.1**	---	---	---	---
Iron	mg/kg	---	---	**21100**	---	**76000**	---	**17000**	---	**93000**	**73000**	---	**77000**	**63000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	**15**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Nickel	mg/kg	---	---	**6.52**	**5.3**	**9.4**	**9.0**	**5.80**	**13**	**14**	**10**	**12**	**15**	**9.5**	**2.8**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	**1**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	---	---	**11.9**	**6.8**	**20**	**15**	**6.44**	**18**	**23**	**18**	**17**	**24**	**16**	**7.0**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	**44**	---	---	---	---
PNA															
2-Chloronaphthalene	ug/kg	---	---	< 450	< 350	< 720	< 330	< 480	< 330	---	---	< 330	---	---	< 440
2-Methylnaphthalene	ug/kg	< 292	< 430	< 450	< 350	< 720	< 330	< 480	< 330	< 260	< 1000	< 330	< 321	< 305	< 440
Acenaphthene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Acenaphthylene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Anthracene	ug/kg	< 292	< 430	< 450	< 300	< 720	< 300	< 480	< 300	< 260	< 410	< 300	< 321	< 305	< 300
Benzo(a)anthracene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Benzo(a)pyrene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 820	< 330	< 321	< 305	< 330
Benzo(b)fluoranthene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 820	< 330	< 321	< 305	< 330
Benzo(g,h,i)perylene	ug/kg	< 292	< 430	< 450	< 300	< 720	< 300	< 480	< 300	< 260	< 820	< 300	< 321	< 305	< 300
Benzo(k)fluoranthene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 820	< 330	< 321	< 305	< 330
Chrysene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Dibenzo(a,h)anthracene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 820	< 330	< 321	< 305	< 330
Fluoranthene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Fluorene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330

	Date \ Time Collected	9/2/2010 5:25 PM	9/2/2010 5:30 PM	9/21/2010 11:50 AM	9/3/2010 3:05 PM	9/16/2010 9:30 AM	9/3/2010 3:15 PM	9/24/2010 3:00 PM	9/3/2010 2:02 PM	9/12/2010 4:45 PM	9/12/2010 4:45 PM	9/3/2010 2:08 PM	9/12/2010 4:30 PM	9/12/2010 4:30 PM	9/3/2010 2:24 PM
	Location	PRB2-070	PRB2-070	PRB2-070	PRB2-071	PRB2-071	PRB2-072	PRB2-072	PRB2-073	PRB2-073	PRB2-073	PRB2-074	PRB2-074	PRB2-074	PRB2-075
	Sample	PRB2070A	PRB2070	SOB09211150RAH1	PRB2071R	SOB09160930RAH1	PB2072R	SOB09241500DJJ1	PRB2073R	SOB09121645CEH1	PRB2-073R-SAMPLE SPLIT	PRB2074R	SOB09121630CEH1	SOB09121630CEH2	PRB2075R
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 820	< 330	< 321	< 305	< 330
Naphthalene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Phenanthrene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	**330**	< 330	< 321	< 305	< 330
Pyrene	ug/kg	< 292	< 430	< 450	< 330	< 720	< 330	< 480	< 330	< 260	< 410	< 330	< 321	< 305	< 330
Total PAHs, MDEQ List	ug/kg	< 292	< 430	---	---	< 720	---	---	---	< 260	---	---	< 321	< 305	---
Solids															
Moisture	%	---	---	**62.9**	**77**	**79**	**72**	**65.2**	**50**	**52**	---	**60**	**63**	**56**	**82**
Solids	%	---	---	---	---	---	---	---	---	---	**48.8**	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	---	---	**33**	**100**	**110**	< 8.7	**5.0**	**24**	---	---	< 6.1	---	---	< 14
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	**330000**	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	**400**	**880**	---	---	---	---	---	---	**610**	---	---	**2300**	**350**	---
Gasoline Range Organics (C5-C10)	mg/kg	< 5.6	< 8.3	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	< 11	< 8.8	< 9.7	< 7.1	< 11	< 4.0	< 4.0	---	< 5.0	**4.9**	< 4.0	< 11
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	**72**	**240**	**240**	< 8.7	**44**	**100**	---	---	**33**	---	---	**42**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	**570000**	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	**290**	**690**	---	---	---	---	---	---	**440**	---	---	**1500**	**530**	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 710	< 100	< 190	< 100	< 710	< 100	< 100	< 150	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 710	< 100	< 190	< 100	< 710	< 100	< 100	< 150	< 100	< 100	< 100	< 110
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---

	Date \ Time Collected	9/2/2010 5:25 PM	9/2/2010 5:30 PM	9/21/2010 11:50 AM	9/3/2010 3:05 PM	9/16/2010 9:30 AM	9/3/2010 3:15 PM	9/24/2010 3:00 PM	9/3/2010 2:02 PM	9/12/2010 4:45 PM	9/12/2010 4:45 PM	9/3/2010 2:08 PM	9/12/2010 4:30 PM	9/12/2010 4:30 PM	9/3/2010 2:24 PM
	Location	PRB2-070	PRB2-070	PRB2-070	PRB2-071	PRB2-071	PRB2-072	PRB2-072	PRB2-073	PRB2-073	PRB2-073	PRB2-074	PRB2-074	PRB2-074	PRB2-075
	Sample	PRB2070A	PRB2070	SOB09211150RAH1	PRB2071R	SOB09160930RAH1	PB2072R	SOB09241500DJJ1	PRB2073R	SOB09121645CEH1	PRB2-073R-SAMPLE SPLIT	PRB2074R	SOB09121630CEH1	SOB09121630CEH2	PRB2075R
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	< 3100	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Benzene	ug/kg	< 50	< 50	< 710	< 76	< 190	< 61	< 710	< 50	< 50	< 150	< 50	< 50	**59**	< 94
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	< 610	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	< 610	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 710	< 53	< 190	< 50	< 710	< 50	< 50	< 150	< 50	< 50	< 50	< 66
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---

	Date \ Time Collected	9/2/2010 5:25 PM	9/2/2010 5:30 PM	9/21/2010 11:50 AM	9/3/2010 3:05 PM	9/16/2010 9:30 AM	9/3/2010 3:15 PM	9/24/2010 3:00 PM	9/3/2010 2:02 PM	9/12/2010 4:45 PM	9/12/2010 4:45 PM	9/3/2010 2:08 PM	9/12/2010 4:30 PM	9/12/2010 4:30 PM	9/3/2010 2:24 PM
	Location	PRB2-070	PRB2-070	PRB2-070	PRB2-071	PRB2-071	PRB2-072	PRB2-072	PRB2-073	PRB2-073	PRB2-073	PRB2-074	PRB2-074	PRB2-074	PRB2-075
	Sample	PRB2070A	PRB2070	SOB09211150RAH1	PRB2071R	SOB09160930RAH1	PB2072R	SOB09241500DJJ1	PRB2073R	SOB09121645CEH1	PRB2-073R-SAMPLE SPLIT	PRB2074R	SOB09121630CEH1	SOB09121630CEH2	PRB2075R
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result
m&p-Xylene	ug/kg	< 100	< 100	< 1400	< 100	< 190	< 100	< 1400	< 100	< 100	< 310	< 100	< 100	< 100	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	< 310	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 710	< 54	< 190	< 50	< 710	< 50	< 50	< 150	< 50	< 50	< 50	< 67
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	< 7700	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	< 770	---	---	---	---
Toluene	ug/kg	**790**	**950**	< 710	< 100	< 190	< 100	< 710	**850**	< 100	< 150	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	< 150	---	---	---	---
Xylenes	ug/kg	< 100	< 100	< 2100	< 150	< 190	< 150	< 2100	< 150	< 150	---	< 150	< 150	< 150	< 150

	Date \ Time Collected	9/14/2010 12:30 PM	9/14/2010 12:30 PM	9/3/2010 2:20 PM	9/14/2010 12:20 PM	9/3/2010 2:12 PM	9/14/2010 12:10 PM	9/3/2010 2:10 PM	9/3/2010 2:14 PM	9/13/2010 3:25 PM	9/3/2010 2:28 PM	9/13/2010 3:45 PM	9/3/2010 2:06 PM	9/24/2010 3:25 PM	9/3/2010 2:35 PM	9/13/2010 4:00 PM
	Location	PRB2-075	PRB2-075	PRB2-076	PRB2-076	PRB2-077	PRB2-077	PRB2-078	PRB2-079	PRB2-079	PRB2-080	PRB2-080	PRB2-081	PRB2-081	PRB2-082	PRB2-082
	Sample	SOB09141230CEH1	PRB2-075R-SAMPLE SPLIT	PRB2076R	SOB09141220CEH1	PRB2077R	SOB09141210CEH1	PRB2078R	PRB2079R	SOB09131525JTR1	PRB2080R	SOB09131545JTR1	PRB2081R	SOB09241525DJJ1	PRB2082R	SOB09131600JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	None	---	---	Trace	---	None	---	---	None	---	None	---	None	---	None
Metals																
Arsenic	mg/kg	---	**11**	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	**150**	**260**	**260**	**76**	**290**	**350**	**63**	**32**	**27**	**110**	**79**	**43**	**135**	**72**	**88**
Cadmium	mg/kg	---	**0.77**	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**11**	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**9.8**	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	**14000**	**22000**	---	**5600**	---	**21000**	---	---	**11000**	---	**41000**	---	**68700**	---	**20000**
Lead	mg/kg	---	**5.2**	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	**0.3**	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	**2.9**	**4.9**	**4.1**	< 1.5	**7.0**	**6.9**	**7.4**	**4.8**	**4.1**	**9.1**	**7.9**	**3.5**	**4.63**	**7.4**	**9.4**
Selenium	mg/kg	---	**2.1**	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**5.4**	**15**	**9.0**	**2.0**	**17**	**20**	**9.8**	**4.7**	**5.0**	**11**	**10**	< 2.8	**3.55**	**8.9**	**14**
Zinc	mg/kg	---	**7.7**	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	---	< 600	< 330	< 360	< 330	< 330	< 330	< 330	< 330	< 330	< 530	< 440	< 330	< 330
2-Methylnaphthalene	ug/kg	< 330	< 2500	< 600	< 330	< 360	< 330	< 330	< 330	< 330	< 330	< 330	< 530	< 440	< 330	< 330
Acenaphthene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Anthracene	ug/kg	< 300	< 1000	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 440	< 300	< 300
Benzo(a)anthracene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 300	< 2000	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 440	< 300	< 300
Benzo(k)fluoranthene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Chrysene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Fluoranthene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Fluorene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330

	Date \ Time Collected	9/14/2010 12:30 PM	9/14/2010 12:30 PM	9/3/2010 2:20 PM	9/14/2010 12:20 PM	9/3/2010 2:12 PM	9/14/2010 12:10 PM	9/3/2010 2:10 PM	9/3/2010 2:14 PM	9/13/2010 3:25 PM	9/3/2010 2:28 PM	9/13/2010 3:45 PM	9/3/2010 2:06 PM	9/24/2010 3:25 PM	9/3/2010 2:35 PM	9/13/2010 4:00 PM
	Location	PRB2-075	PRB2-075	PRB2-076	PRB2-076	PRB2-077	PRB2-077	PRB2-078	PRB2-079	PRB2-079	PRB2-080	PRB2-080	PRB2-081	PRB2-081	PRB2-082	PRB2-082
	Sample	SOB09141230CEH1	PRB2-075R-SAMPLE SPLIT	PRB2076R	SOB09141220CEH1	PRB2077R	SOB09141210CEH1	PRB2078R	PRB2079R	SOB09131525JTR1	PRB2080R	SOB09131545JTR1	PRB2081R	SOB09241525DJJ1	PRB2082R	SOB09131600JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Naphthalene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Phenanthrene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Pyrene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Total PAHs, MDEQ List	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	**74**	---	**87**	**67**	**78**	**72**	**45**	**40**	**44**	**62**	**61**	**85**	**62.2**	**58**	**50**
Solids	%	---	**20.1**	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**48**	---	< 19	< 4.9	< 11	**110**	**12**	< 4.1	< 4.0	< 6.4	< 4.3	< 16	**3.2**	< 5.9	**51**
Diesel Range Organics (C10-C20)	ug/kg	---	< 50000	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4000	---	< 15	< 4000	< 9.0	< 4000	< 4.0	< 4.0	< 4.0	< 5.2	< 5.2	< 13	< 10	< 4.7	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**240**	---	**69**	**16**	< 11	**120**	**77**	**12**	< 4.0	**61**	**34**	**110**	**64**	< 5.9	**110**
Oil Range Organics (C20-C34)	ug/kg	---	< 200000	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 460	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 650	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 460	< 140	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 650	< 100	< 100
1,3-Dichlorobenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	9/14/2010 12:30 PM	9/14/2010 12:30 PM	9/3/2010 2:20 PM	9/14/2010 12:20 PM	9/3/2010 2:12 PM	9/14/2010 12:10 PM	9/3/2010 2:10 PM	9/3/2010 2:14 PM	9/13/2010 3:25 PM	9/3/2010 2:28 PM	9/13/2010 3:45 PM	9/3/2010 2:06 PM	9/24/2010 3:25 PM	9/3/2010 2:35 PM	9/13/2010 4:00 PM
	Location	PRB2-075	PRB2-075	PRB2-076	PRB2-076	PRB2-077	PRB2-077	PRB2-078	PRB2-079	PRB2-079	PRB2-080	PRB2-080	PRB2-081	PRB2-081	PRB2-082	PRB2-082
	Sample	SOB09141230CEH1	PRB2-075R-SAMPLE SPLIT	PRB2076R	SOB09141220CEH1	PRB2077R	SOB09141210CEH1	PRB2078R	PRB2079R	SOB09131525JTR1	PRB2080R	SOB09131545JTR1	PRB2081R	SOB09241525DJJ1	PRB2082R	SOB09131600JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	---	< 9200	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	< 65	< 460	< 130	< 52	< 77	< 61	< 50	< 50	< 50	< 50	< 50	< 110	< 650	< 50	< 50
Bromobenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	---	< 1800	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	---	< 1800	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 460	< 90	< 50	< 54	< 50	< 50	< 50	< 50	< 50	< 50	< 79	< 650	< 50	< 50
Ethylene dibromide	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---

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	Location	PRB2-075	PRB2-075	PRB2-076	PRB2-076	PRB2-077	PRB2-077	PRB2-078	PRB2-079	PRB2-079	PRB2-080	PRB2-080	PRB2-081	PRB2-081	PRB2-082	PRB2-082
	Sample	SOB09141230CEH1	PRB2-075R-SAMPLE SPLIT	PRB2076R	SOB09141220CEH1	PRB2077R	SOB09141210CEH1	PRB2078R	PRB2079R	SOB09131525JTR1	PRB2080R	SOB09131545JTR1	PRB2081R	SOB09241525DJJ1	PRB2082R	SOB09131600JTR1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 920	< 120	< 100	**360**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 1300	< 100	< 100
Methyl Iodide	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	---	< 920	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	< 50	< 460	< 92	< 50	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 81	< 650	< 50	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	< 23000	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	< 2300	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	< 100	< 460	**1600**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 650	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	---	< 460	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	< 150	---	< 210	< 150	**360**	< 150	< 150	< 150	< 150	< 150	< 150	< 180	< 1900	< 150	< 150

	Date \ Time Collected	9/3/2010 2:04 PM	9/24/2010 3:45 PM	9/3/2010 3:20 PM	9/20/2010 5:45 PM	9/3/2010 2:00 PM	9/24/2010 4:00 PM	9/3/2010 2:50 PM	9/16/2010 5:15 PM	9/3/2010 3:10 PM	9/3/2010 3:10 PM	9/24/2010 2:30 PM	9/24/2010 2:30 PM	9/3/2010 2:45 PM	9/20/2010 5:55 PM	9/3/2010 2:40 PM
	Location	PRB2-083	PRB2-083	PRB2-084	PRB2-084	PRB2-085	PRB2-085	PRB2-086	PRB2-086	PRB2-087	PRB2-087	PRB2-087	PRB2-087	PRB2-088	PRB2-088	PRB2-089
	Sample	PRB2083R	SOB09241545DJJ1	PRB2084	SOB09201745RAH1	PRB2085R	SOB09241600DJJ1	PRB2086	SOB09161715JTR1	PRB2087	PRB2087A	SOB09241430RJM1	PRB2-087-SAMPLE SPLIT	PRB2088	SOB09201755RAH1	PRB2089
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	light	---	None	---	None	---	---	---	---	None	---	---	None	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**26**	---	---	---
Barium	mg/kg	**130**	**281**	**150**	**120**	**67**	**165**	**240**	**310**	**95**	**110**	**163**	**170**	**200**	**180**	**260**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**0.41**	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**5.8**	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**6.7**	---	---	---
Iron	mg/kg	---	**37600**	---	**53000**	---	**12300**	---	**15000**	---	---	**29900**	**29000**	---	**28000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**25**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Nickel	mg/kg	**11**	**3.93**	**5.0**	< 3.3	**3.0**	**6.26**	**9.5**	**4.8**	**8.3**	**9.1**	**4.66**	**6.0**	**8.5**	**12**	**12**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**1.2**	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**14**	< 5.46	**7.5**	**6.2**	**3.0**	< 4.92	**12**	**6.8**	**10**	**13**	**2.55**	**8.7**	**12**	**21**	**15**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	**34**	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	< 980	< 550	< 630	< 510	< 920	< 440	< 850	< 330	< 330	< 600	---	< 380	< 260	< 330
2-Methylnaphthalene	ug/kg	< 330	< 980	< 550	< 630	< 510	< 920	< 440	< 850	< 330	< 330	< 600	< 1800	< 380	< 260	< 330
Acenaphthene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Acenaphthylene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Anthracene	ug/kg	< 300	< 980	< 300	< 240	< 300	< 920	< 300	< 850	< 300	< 300	< 600	< 710	< 300	< 99	< 300
Benzo(a)anthracene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Benzo(a)pyrene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 1400	< 330	< 99	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 1400	< 330	< 99	< 330
Benzo(g,h,i)perylene	ug/kg	< 300	< 980	< 300	< 240	< 300	< 920	< 300	< 850	< 300	< 300	< 600	< 1400	< 300	< 99	< 300
Benzo(k)fluoranthene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 1400	< 330	< 99	< 330
Chrysene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 1400	< 330	< 99	< 330
Fluoranthene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Fluorene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330

	Date \ Time Collected	9/3/2010 2:04 PM	9/24/2010 3:45 PM	9/3/2010 3:20 PM	9/20/2010 5:45 PM	9/3/2010 2:00 PM	9/24/2010 4:00 PM	9/3/2010 2:50 PM	9/16/2010 5:15 PM	9/3/2010 3:10 PM	9/3/2010 3:10 PM	9/24/2010 2:30 PM	9/24/2010 2:30 PM	9/3/2010 2:45 PM	9/20/2010 5:55 PM	9/3/2010 2:40 PM
	Location	PRB2-083	PRB2-083	PRB2-084	PRB2-084	PRB2-085	PRB2-085	PRB2-086	PRB2-086	PRB2-087	PRB2-087	PRB2-087	PRB2-087	PRB2-088	PRB2-088	PRB2-089
	Sample	PRB2083R	SOB09241545DJJ1	PRB2084	SOB09201745RAH1	PRB2085R	SOB09241600DJJ1	PRB2086	SOB09161715JTR1	PRB2087	PRB2087A	SOB09241430RJM1	PRB2-087-SAMPLE SPLIT	PRB2088	SOB09201755RAH1	PRB2089
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 1400	< 330	< 99	< 330
Naphthalene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Phenanthrene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Pyrene	ug/kg	< 330	< 980	< 330	< 240	< 330	< 920	< 330	< 850	< 330	< 330	< 600	< 710	< 330	< 99	< 330
Total PAHs, MDEQ List	ug/kg	---	---	---	---	---	---	---	< 850	---	---	---	---	---	---	---
Solids																
Moisture	%	**72**	**83.0**	**86**	**86**	**84**	**82.2**	**82**	**82**	**63**	**68**	**72.3**	---	**79**	**70**	**73**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	**28.2**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 8.7	**96**	< 17	**160**	< 16	**7.6**	< 14	**47**	< 6.6	< 7.8	**5.9**	---	< 12	**27**	< 9.2
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 35000	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 7.1	< 23	< 14	< 14	< 13	< 22	< 11	< 11	< 5.4	< 6.3	< 14	---	< 9.7	< 6.7	< 7.4
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 31000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	< 8.7	**330**	< 17	**250**	< 16	**110**	< 14	**58**	< 6.6	< 7.8	**76**	---	< 12	**75**	< 9.2
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	**200000**	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 1400	< 100	< 280	< 100	< 1300	< 100	< 230	< 100	< 100	< 850	< 310	< 100	< 130	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 1400	< 140	< 280	< 120	< 1300	< 110	< 230	< 100	< 100	< 850	< 310	< 100	< 130	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/3/2010 2:04 PM	9/24/2010 3:45 PM	9/3/2010 3:20 PM	9/20/2010 5:45 PM	9/3/2010 2:00 PM	9/24/2010 4:00 PM	9/3/2010 2:50 PM	9/16/2010 5:15 PM	9/3/2010 3:10 PM	9/3/2010 3:10 PM	9/24/2010 2:30 PM	9/24/2010 2:30 PM	9/3/2010 2:45 PM	9/20/2010 5:55 PM	9/3/2010 2:40 PM
	Location	PRB2-083	PRB2-083	PRB2-084	PRB2-084	PRB2-085	PRB2-085	PRB2-086	PRB2-086	PRB2-087	PRB2-087	PRB2-087	PRB2-087	PRB2-088	PRB2-088	PRB2-089
	Sample	PRB2083R	SOB09241545DJJ1	PRB2084	SOB09201745RAH1	PRB2085R	SOB09241600DJJ1	PRB2086	SOB09161715JTR1	PRB2087	PRB2087A	SOB09241430RJM1	PRB2-087-SAMPLE SPLIT	PRB2088	SOB09201755RAH1	PRB2089
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 6100	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Benzene	ug/kg	< 61	< 1400	< 120	< 280	< 110	< 1300	< 95	< 230	< 50	< 54	< 850	< 310	< 83	< 130	< 63
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1200	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1200	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Ethylbenzene	ug/kg	< 50	< 1400	< 85	< 280	< 76	< 1300	< 66	< 230	< 50	< 50	< 850	< 310	< 58	< 130	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---

	Date \ Time Collected	9/3/2010 2:04 PM	9/24/2010 3:45 PM	9/3/2010 3:20 PM	9/20/2010 5:45 PM	9/3/2010 2:00 PM	9/24/2010 4:00 PM	9/3/2010 2:50 PM	9/16/2010 5:15 PM	9/3/2010 3:10 PM	9/3/2010 3:10 PM	9/24/2010 2:30 PM	9/24/2010 2:30 PM	9/3/2010 2:45 PM	9/20/2010 5:55 PM	9/3/2010 2:40 PM
	Location	PRB2-083	PRB2-083	PRB2-084	PRB2-084	PRB2-085	PRB2-085	PRB2-086	PRB2-086	PRB2-087	PRB2-087	PRB2-087	PRB2-087	PRB2-088	PRB2-088	PRB2-089
	Sample	PRB2083R	SOB09241545DJJ1	PRB2084	SOB09201745RAH1	PRB2085R	SOB09241600DJJ1	PRB2086	SOB09161715JTR1	PRB2087	PRB2087A	SOB09241430RJM1	PRB2-087-SAMPLE SPLIT	PRB2088	SOB09201755RAH1	PRB2089
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 2800	< 110	< 280	< 100	< 2700	< 100	< 230	< 100	< 100	< 1700	< 610	< 100	< 130	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 610	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
o-Xylene	ug/kg	< 50	< 1400	< 87	< 280	< 78	< 1300	< 68	< 230	< 50	< 50	< 850	< 310	< 59	< 130	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 15000	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 1500	---	---	---
Toluene	ug/kg	**970**	**330**	< 100	< 280	< 100	< 1300	< 100	< 230	< 100	< 100	< 850	< 310	< 100	**510**	< 100
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	< 310	---	---	---
Xylenes	ug/kg	< 150	< 4300	< 200	< 280	< 180	< 4000	< 150	< 230	< 150	< 150	< 2500	---	< 150	< 130	< 150

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/16/2010 4:40 PM	9/16/2010 5:05 PM	9/3/2010 1:55 PM	9/16/2010 4:20 PM	9/16/2010 4:20 PM	9/3/2010 11:40 AM	9/3/2010 3:30 PM	9/3/2010 11:35 AM	9/24/2010 4:25 PM	9/24/2010 4:25 PM	9/3/2010 2:35 PM	9/24/2010 3:00 PM	9/3/2010 2:30 PM	9/3/2010 2:15 PM	9/3/2010 2:30 PM
	Location	PRB2-089	PRB2-089	PRB2-090	PRB2-090	PRB2-090	PRB2-091	PRB2-091	PRB2-092	PRB2-092	PRB2-092	PRB2-093	PRB2-093	PRB2-094	PRB2-095	PRB2-096
	Sample	SOB09161640JTR1	SOB09161705JTR1	PRB2090R	SOB09161620JTR1	SOB09161620JTR2	PRB2091R	PRB2091RA	PRB2092R	SOB09241625DJJ1	PRB2-092-SAMPLE SPLIT	PRB2093	SOB09241500RJM1	PRB2094	PRB2095	PRB2096
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	---	---	---	---	None	---	---	None	---	---	---
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	**11**	---	---	---	---	---
Barium	mg/kg	**69**	**170**	**52**	**65**	**55**	**40**	**32**	**150**	**133**	**170**	**120**	**138**	**99**	**38**	**48**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	**0.84**	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	**5.6**	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	**11**	---	---	---	---	---
Iron	mg/kg	**18000**	**63000**	---	**14000**	**9700**	---	---	---	**8760**	**9200**	---	**24000**	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	**41**	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	< 0.3	---	---	---	---	---
Nickel	mg/kg	**8.8**	**11**	**9.3**	**10**	**9.0**	**8.0**	**8.0**	**11**	**4.55**	**7.3**	**9.3**	**8.15**	**15**	**7.5**	**6.1**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	**2.0**	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---
Vanadium	mg/kg	**11**	**17**	**14**	**13**	**11**	**8.1**	**8.3**	**13**	< 5.15	**7.8**	**14**	**12.0**	**20**	**11**	**8.3**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	**55**	---	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 440	< 970	---	< 330	< 240	< 330	< 330	< 330
2-Methylnaphthalene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 440	< 970	< 3100	< 330	< 240	< 330	< 330	< 330
Acenaphthene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Anthracene	ug/kg	< 620	< 360	< 300	< 440	< 510	< 300	< 300	< 300	< 970	< 1200	< 300	< 240	< 300	< 300	< 300
Benzo(a)anthracene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 2500	< 330	< 240	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 2500	< 330	< 240	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 620	< 360	< 300	< 440	< 510	< 300	< 300	< 300	< 970	< 2500	< 300	< 240	< 300	< 300	< 300
Benzo(k)fluoranthene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 2500	< 330	< 240	< 330	< 330	< 330
Chrysene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 2500	< 330	< 240	< 330	< 330	< 330
Fluoranthene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Fluorene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330

	Date \ Time Collected	9/16/2010 4:40 PM	9/16/2010 5:05 PM	9/3/2010 1:55 PM	9/16/2010 4:20 PM	9/16/2010 4:20 PM	9/3/2010 11:40 AM	9/3/2010 3:30 PM	9/3/2010 11:35 AM	9/24/2010 4:25 PM	9/24/2010 4:25 PM	9/3/2010 2:35 PM	9/24/2010 3:00 PM	9/3/2010 2:30 PM	9/3/2010 2:15 PM	9/3/2010 2:30 PM
	Location	PRB2-089	PRB2-089	PRB2-090	PRB2-090	PRB2-090	PRB2-091	PRB2-091	PRB2-092	PRB2-092	PRB2-092	PRB2-093	PRB2-093	PRB2-094	PRB2-095	PRB2-096
	Sample	SOB09161640JTR1	SOB09161705JTR1	PRB2090R	SOB09161620JTR1	SOB09161620JTR2	PRB2091R	PRB2091RA	PRB2092R	SOB09241625DJJ1	PRB2-092-SAMPLE SPLIT	PRB2093	SOB09241500RJM1	PRB2094	PRB2095	PRB2096
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 2500	< 330	< 240	< 330	< 330	< 330
Naphthalene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Phenanthrene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Pyrene	ug/kg	< 620	< 360	< 330	< 440	< 510	< 330	< 330	< 330	< 970	< 1200	< 330	< 240	< 330	< 330	< 330
Total PAHs, MDEQ List	ug/kg	< 620	< 360	---	< 440	< 510	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	**76**	**59**	**58**	**66**	**71**	**58**	**58**	**82**	**83.0**	---	**36**	**30.0**	**63**	**72**	**25**
Solids	%	---	---	---	---	---	---	---	---	---	**16.3**	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 12	< 7.3	< 5.8	**25**	**21**	< 5.8	< 5.9	< 14	**7.8**	---	< 4.0	**1.3**	< 6.6	< 8.9	**17**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	< 61000	---	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 8.2	< 4.9	< 4.7	< 5.9	< 6.8	< 4.8	< 4.7	< 11	< 23	---	< 4.0	< 5.5	< 5.4	< 7.2	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	< 56000	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**39**	**19**	< 5.8	**55**	**40**	**42**	< 5.9	**240**	**150**	---	< 4.0	**14**	**62**	< 8.9	**72**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	**460000**	---	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 160	< 100	< 100	< 120	< 140	< 100	< 100	< 100	< 1400	< 560	< 100	< 340	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 160	< 100	< 100	< 120	< 140	< 100	< 100	< 110	< 1400	< 560	< 100	< 340	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---

	Date \ Time Collected	9/16/2010 4:40 PM	9/16/2010 5:05 PM	9/3/2010 1:55 PM	9/16/2010 4:20 PM	9/16/2010 4:20 PM	9/3/2010 11:40 AM	9/3/2010 3:30 PM	9/3/2010 11:35 AM	9/24/2010 4:25 PM	9/24/2010 4:25 PM	9/3/2010 2:35 PM	9/24/2010 3:00 PM	9/3/2010 2:30 PM	9/3/2010 2:15 PM	9/3/2010 2:30 PM
	Location	PRB2-089	PRB2-089	PRB2-090	PRB2-090	PRB2-090	PRB2-091	PRB2-091	PRB2-092	PRB2-092	PRB2-092	PRB2-093	PRB2-093	PRB2-094	PRB2-095	PRB2-096
	Sample	SOB09161640JTR1	SOB09161705JTR1	PRB2090R	SOB09161620JTR1	SOB09161620JTR2	PRB2091R	PRB2091RA	PRB2092R	SOB09241625DJJ1	PRB2-092-SAMPLE SPLIT	PRB2093	SOB09241500RJM1	PRB2094	PRB2095	PRB2096
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	< 11000	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Benzene	ug/kg	< 160	< 97	< 50	< 120	< 140	< 50	< 50	< 95	< 1400	< 560	< 50	< 340	< 50	< 61	< 50
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	< 2300	---	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	< 2300	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Ethylbenzene	ug/kg	< 160	< 97	< 50	< 120	< 140	< 50	< 50	< 66	< 1400	< 560	< 50	< 340	< 50	< 50	< 50
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---

	Date \ Time Collected	9/16/2010 4:40 PM	9/16/2010 5:05 PM	9/3/2010 1:55 PM	9/16/2010 4:20 PM	9/16/2010 4:20 PM	9/3/2010 11:40 AM	9/3/2010 3:30 PM	9/3/2010 11:35 AM	9/24/2010 4:25 PM	9/24/2010 4:25 PM	9/3/2010 2:35 PM	9/24/2010 3:00 PM	9/3/2010 2:30 PM	9/3/2010 2:15 PM	9/3/2010 2:30 PM
	Location	PRB2-089	PRB2-089	PRB2-090	PRB2-090	PRB2-090	PRB2-091	PRB2-091	PRB2-092	PRB2-092	PRB2-092	PRB2-093	PRB2-093	PRB2-094	PRB2-095	PRB2-096
	Sample	SOB09161640JTR1	SOB09161705JTR1	PRB2090R	SOB09161620JTR1	SOB09161620JTR2	PRB2091R	PRB2091RA	PRB2092R	SOB09241625DJJ1	PRB2-092-SAMPLE SPLIT	PRB2093	SOB09241500RJM1	PRB2094	PRB2095	PRB2096
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 160	< 100	< 100	< 120	< 140	< 100	< 100	< 100	< 2800	< 1100	< 100	< 680	< 100	< 100	< 100
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	< 1100	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
o-Xylene	ug/kg	< 160	< 97	< 50	< 120	< 140	< 50	< 50	< 68	< 1400	< 560	< 50	< 340	< 50	< 50	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	**970**	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	< 28000	---	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	< 2800	---	---	---	---	---
Toluene	ug/kg	< 160	< 100	< 100	< 120	< 140	**850**	< 100	< 100	**1800**	**4000**	< 100	< 340	**890**	**1100**	< 100
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	< 560	---	---	---	---	---
Xylenes	ug/kg	< 160	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 4200	---	< 150	< 1000	< 150	< 150	< 150

	Date \ Time Collected	9/3/2010 2:00 PM	9/3/2010 2:00 PM	9/3/2010 1:55 PM	9/3/2010 1:50 PM	9/3/2010 2:00 PM	9/3/2010 2:05 PM	9/3/2010 11:20 AM	9/3/2010 11:30 AM	9/3/2010 11:15 AM	9/24/2010 3:30 PM	9/24/2010 3:30 PM	9/3/2010 11:15 AM	9/24/2010 3:55 PM	9/3/2010 11:15 AM	9/25/2010 8:35 AM
	Location	PRB2-097	PRB2-097	PRB2-098	PRB2-099	PRB2-100	PRB2-101	PRB2-102	PRB2-103	PRB2-104	PRB2-104	PRB2-104	PRB2-105	PRB2-105	PRB2-106	PRB2-106
	Sample	PRB2097	PRB2097A	PRB2098	PRB2099	PRB2100	PRB2101	PRB2102	PRB2103	PRB2104	SOB09241530RJM1	PRB2-104-SAMPLE SPLIT	PRB2105	SOB09241555RJM1	PRB2106	SOB09250835RJM1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
Field																
Petroleum Sheen Test	NA	---	---	---	---	---	---	---	---	---	Heavy	---	---	None	---	None
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	**14**	---	---	---	---
Barium	mg/kg	**110**	**97**	**32**	**41**	**59**	**88**	**56**	**23**	**230**	**52.3**	**52**	**160**	**48.8**	**240**	**151**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	**5.8**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	**4.8**	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	**13900**	**16000**	---	**9210**	---	**12700**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	**7.6**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.05	---	---	---	---
Nickel	mg/kg	**18**	**17**	**5.6**	**9.5**	**7.6**	**12**	**6.8**	**2.6**	**11**	**8.34**	**7.7**	**11**	**4.48**	**12**	**13.9**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	**0.41**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**27**	**26**	**6.1**	**8.9**	**8.2**	**17**	**11**	**3.9**	**13**	**12.6**	**10**	**14**	**1.85**	**16**	**17.2**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	**21**	---	---	---	---
PNA																
2-Chloronaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	---	< 340	< 760	< 330	< 1300
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	**580**	< 330	< 330	< 330	< 260	< 740	< 340	< 760	< 330	< 1300
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Anthracene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 260	< 300	< 300	< 760	< 300	< 1300
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 590	< 330	< 760	< 330	< 1300
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 590	< 330	< 760	< 330	< 1300
Benzo(g,h,i)perylene	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 260	< 590	< 300	< 760	< 300	< 1300
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 590	< 330	< 760	< 330	< 1300
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 590	< 330	< 760	< 330	< 1300
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300

	Date \ Time Collected	9/3/2010 2:00 PM	9/3/2010 2:00 PM	9/3/2010 1:55 PM	9/3/2010 1:50 PM	9/3/2010 2:00 PM	9/3/2010 2:05 PM	9/3/2010 11:20 AM	9/3/2010 11:30 AM	9/3/2010 11:15 AM	9/24/2010 3:30 PM	9/24/2010 3:30 PM	9/3/2010 11:15 AM	9/24/2010 3:55 PM	9/3/2010 11:15 AM	9/25/2010 8:35 AM
	Location	PRB2-097	PRB2-097	PRB2-098	PRB2-099	PRB2-100	PRB2-101	PRB2-102	PRB2-103	PRB2-104	PRB2-104	PRB2-104	PRB2-105	PRB2-105	PRB2-106	PRB2-106
	Sample	PRB2097	PRB2097A	PRB2098	PRB2099	PRB2100	PRB2101	PRB2102	PRB2103	PRB2104	SOB09241530RJM1	PRB2-104-SAMPLE SPLIT	PRB2105	SOB09241555RJM1	PRB2106	SOB09250835RJM1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 590	< 330	< 760	< 330	< 1300
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	**470**	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 260	< 300	< 330	< 760	< 330	< 1300
Total PAHs, MDEQ List	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	**70**	**57**	**36**	**37**	**41**	**63**	**37**	**48**	**76**	**35.4**	---	**76**	**78.4**	**75**	**74.4**
Solids	%	---	---	---	---	---	---	---	---	---	---	**67.6**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 8.2	< 5.7	< 4.0	< 4.0	< 4.1	**920**	**280**	**11**	**44**	**77**	---	< 11	**4.5**	< 10	**15**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	**200000**	---	---	---	---
Diesel Range Organics (C10-C28)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 6.6	< 4.6	< 4.0	< 4.0	< 4.0	< 5.5	**180**	< 4.0	< 8.3	< 6.3	---	< 8.5	< 19	< 8.0	< 15
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 10000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	< 8.2	**26**	< 4.0	< 4.0	< 4.1	**2000**	**900**	**170**	**320**	**180**	---	< 11	**39**	< 10	**130**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	**530000**	---	---	---	---
Oil Range Organics (C22-C32)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	**1600**	**2200**	< 100	< 100	< 390	< 100	< 100	< 1200	< 100	< 960
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	**880**	**1000**	< 100	< 100	< 390	< 100	< 100	< 1200	< 100	< 960
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---

Table 2. Reach 3 Post - Excavation Soil Analytical Data - 2010
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/3/2010 2:00 PM	9/3/2010 2:00 PM	9/3/2010 1:55 PM	9/3/2010 1:50 PM	9/3/2010 2:00 PM	9/3/2010 2:05 PM	9/3/2010 11:20 AM	9/3/2010 11:30 AM	9/3/2010 11:15 AM	9/24/2010 3:30 PM	9/24/2010 3:30 PM	9/3/2010 11:15 AM	9/24/2010 3:55 PM	9/3/2010 11:15 AM	9/25/2010 8:35 AM
	Location	PRB2-097	PRB2-097	PRB2-098	PRB2-099	PRB2-100	PRB2-101	PRB2-102	PRB2-103	PRB2-104	PRB2-104	PRB2-104	PRB2-105	PRB2-105	PRB2-106	PRB2-106
	Sample	PRB2097	PRB2097A	PRB2098	PRB2099	PRB2100	PRB2101	PRB2102	PRB2103	PRB2104	SOB09241530RJM1	PRB2-104-SAMPLE SPLIT	PRB2105	SOB09241555RJM1	PRB2106	SOB09250835RJM1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	< 2000	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Benzene	ug/kg	< 56	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 71	< 390	< 100	**300**	< 1200	< 69	< 960
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 400	---	---	---	---
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	< 400	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	**730**	< 50	< 50	< 390	< 100	< 51	< 1200	< 50	< 960
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---

	Date \ Time Collected	9/3/2010 2:00 PM	9/3/2010 2:00 PM	9/3/2010 1:55 PM	9/3/2010 1:50 PM	9/3/2010 2:00 PM	9/3/2010 2:05 PM	9/3/2010 11:20 AM	9/3/2010 11:30 AM	9/3/2010 11:15 AM	9/24/2010 3:30 PM	9/24/2010 3:30 PM	9/3/2010 11:15 AM	9/24/2010 3:55 PM	9/3/2010 11:15 AM	9/25/2010 8:35 AM
	Location	PRB2-097	PRB2-097	PRB2-098	PRB2-099	PRB2-100	PRB2-101	PRB2-102	PRB2-103	PRB2-104	PRB2-104	PRB2-104	PRB2-105	PRB2-105	PRB2-106	PRB2-106
	Sample	PRB2097	PRB2097A	PRB2098	PRB2099	PRB2100	PRB2101	PRB2102	PRB2103	PRB2104	SOB09241530RJM1	PRB2-104-SAMPLE SPLIT	PRB2105	SOB09241555RJM1	PRB2106	SOB09250835RJM1
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	**430**	**4800**	< 100	< 100	< 790	< 200	**170**	< 2300	< 100	< 1900
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	< 200	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	**1400**	< 50	< 51	< 390	< 100	< 52	< 1200	< 50	< 960
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	< 5100	---	---	---	---
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	< 510	---	---	---	---
Toluene	ug/kg	**990**	**740**	< 100	**640**	< 100	< 100	**460**	< 100	**1100**	< 390	< 100	**170**	< 1200	**1200**	< 960
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	< 100	---	---	---	---
Xylenes	ug/kg	< 150	< 150	< 150	< 150	< 150	**430**	**6100**	< 150	< 150	< 1200	---	**170**	< 3500	< 150	< 2900

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
USCS = Unified Soil Classification System.
VOC = volatile organic compound.

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	9/12/2011 10:00 AM	9/12/2011 4:35 PM	9/13/2011 8:10 AM	9/13/2011 8:40 AM	9/13/2011 10:50 AM	9/13/2011 11:35 AM	9/13/2011 4:15 PM	9/13/2011 5:40 PM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 004	SBTC0075L 007	SBTC0075L 008	SBTC0075L 011	SBTC0075L 012	SBTC0075L 016	SBTC0075L 018
	Sample						SBTC0075L 001S 091211S006	SBTC0075L 004S 091211S010	SBTC0075L 007S 091311S006	SBTC0075L 008S 091311S010	SBTC0075L 011S 091311S010	SBTC0075L 012S 091311S010	SBTC0075L 016S 091311S010	SBTC0075L 018S 091311S005
	Depth						0 - 0.6 ft	0 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft
	USCS Code						CL	CL	SW	SW	SW	SW	OL	OL
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Result	Result	Result	Result	Result
Metals														
Arsenic	mg/kg	7.6	4.6	4.6	NLV	0.1	---	---	---	---	---	---	---	---
Barium	mg/kg	37000(B)	1300(B)	720(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
Beryllium	mg/kg	410	51	250(G)	NLV	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	550(B)	6(B)	5(B)(G,X)	(B)NLV	0.2	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	2500	30	3.3	NLV	2	---	---	---	---	---	---	---	---
Copper	mg/kg	20000(B)	5800(B)	100(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
Iron	mg/kg	160000(B)	6(B)	(B)NA	(B)NLV	5	---	---	---	---	---	---	---	---
Lead	mg/kg	400(B)	700(B)	7000(B)(G,X)	(B)NLV	1	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	160(B,Z)	1.7(B,Z)	0.05(B,Z)(M);1.2	48(B,Z)	0.05	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	2600(B)	1.5(B)	64(B)(X)	(B)NLV	1	**3.6**	**3.3**	< 1.0	< 1.0	**3**	< 1.0	< 1.0	**2.3**
Nickel	mg/kg	40000(B)	100(B)	110(B)(G)	(B)NLV	1	**7.6**	**13**	**7.5**	**11**	**13**	**4.9**	**6.6**	**5.4**
Selenium	mg/kg	2600(B)	4(B)	0.4(B)	(B)NLV	0.2	---	---	---	---	---	---	---	---
Silver	mg/kg	2500(B)	4.5(B)	0.1(B)(M);27	(B)NLV	0.1	---	---	---	---	---	---	---	---
Vanadium	mg/kg	750(DD)	72	430	NLV	1	**9.2**	**15**	**8.9**	**14**	**14**	**5.1**	**7.8**	**8.3**
Zinc	mg/kg	170000(B)	2400(B)	240(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
PNA														
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	4.1e+007	300000	8700	1.9e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	1.6e+006	5900	ID	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	2.3e+008	41000	ID	1e+009(D)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	NLL	NLL	NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	2e+006(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	4.6e+007	730000	5500	1e+009(D)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	2.7e+007	390000	5300	5.8e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	1.6e+006	56000	2100	2.8e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	9/12/2011 10:00 AM	9/12/2011 4:35 PM	9/13/2011 8:10 AM	9/13/2011 8:40 AM	9/13/2011 10:50 AM	9/13/2011 11:35 AM	9/13/2011 4:15 PM	9/13/2011 5:40 PM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 004	SBTC0075L 007	SBTC0075L 008	SBTC0075L 011	SBTC0075L 012	SBTC0075L 016	SBTC0075L 018
	Sample						SBTC0075L 001S 091211S006	SBTC0075L 004S 091211S010	SBTC0075L 007S 091311S006	SBTC0075L 008S 091311S010	SBTC0075L 011S 091311S010	SBTC0075L 012S 091311S010	SBTC0075L 016S 091311S010	SBTC0075L 018S 091311S005
	Depth						0 - 0.6 ft	0 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft
	USCS Code						CL	CL	SW	SW	SW	SW	OL	OL
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	2.9e+007	480000	ID	1e+009(D)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids														
Moisture	%	NCE	NCE	NCE	NCE	NCE	**31**	**23**	**22**	**35**	**59**	**10**	**49**	**49**
Solids	%	NCE	NCE	NCE	NCE	NCE	---	---	---	---	---	---	---	---
TPH														
Diesel Range Organics (C10-C20)	mg/kg	NCE	NCE	NCE	NCE	10	**26**	< 4.0	**6.1**	**4.0**	**7.8**	**5.1**	**6.7**	< 4.8
Diesel Range Organics (C10-C20)	ug/kg	NCE	NCE	NCE	NCE	10000	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	NCE	NCE	NCE	NCE	10	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	NCE	NCE	NCE	NCE	10000	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	NCE	NCE	NCE	NCE	20	**200**	**13**	**10**	**5.8**	**9.4**	**23**	**26**	**7.7**
Oil Range Organics (C20-C34)	ug/kg	NCE	NCE	NCE	NCE	20000	---	---	---	---	---	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	1500	ID	6200	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,1,1-Trichloroethane	ug/kg	5e+008(C)	4000	1800	250000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,1,2,2-Tetrachloroethane	ug/kg	53000	170	1600(X)	4300	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,1,2-Trichloroethane	ug/kg	180000	100	6600(X)	4600	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,1-Dichloroethane	ug/kg	2.7e+007(C)	18000	15000	230000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,1-Dichloroethylene	ug/kg	200000(I)	140(I)	2600(I)	62(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,2,3-Trichlorobenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	840	NA	4000	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,2,3-Trimethylbenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	4200	5900(X)	9.6e+006(C)	330	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	2100(I)	570(I)	4.3e+006(C)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	14000	280	1.1e+007(C)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,2-Dichloroethane	ug/kg	91000(I)	100(I)	7200(I)(X)	2100(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,2-Dichloropropane	ug/kg	140000(I)	100(I)	4600(I)(X)	4000(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	1800(I)	1100(I)	2.6e+006(C)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,3-Dichlorobenzene	ug/kg	200000(C)	170	680	26000	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
1,3-Dichloropropene, cis	ug/kg	NCE	NCE	NCE	NCE	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,3-Dichloropropene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,4-Dichloro-2-butene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
1,4-Dichlorobenzene	ug/kg	400000	1700	360	19000	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	260000(I)	44000(I)	5.4e+007(C)	750	< 750	< 750	< 750	< 750	< 950	< 750	< 750	< 750

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	9/12/2011 10:00 AM	9/12/2011 4:35 PM	9/13/2011 8:10 AM	9/13/2011 8:40 AM	9/13/2011 10:50 AM	9/13/2011 11:35 AM	9/13/2011 4:15 PM	9/13/2011 5:40 PM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 004	SBTC0075L 007	SBTC0075L 008	SBTC0075L 011	SBTC0075L 012	SBTC0075L 016	SBTC0075L 018
	Sample						SBTC0075L 001S 091211S006	SBTC0075L 004S 091211S010	SBTC0075L 007S 091311S006	SBTC0075L 008S 091311S010	SBTC0075L 011S 091311S010	SBTC0075L 012S 091311S010	SBTC0075L 016S 091311S010	SBTC0075L 018S 091311S005
	Depth						0 - 0.6 ft	0 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft
	USCS Code						CL	CL	SW	SW	SW	SW	OL	OL
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	3.2e+007(C)	20000	ID	990000	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 330	< 950	< 330	< 570	< 570
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	36000(I)	(I)ID	3.7e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	2.3e+007(I)	15000(I)	34000(I)	2.9e+008(C)	1000	< 1000	< 1000	< 1000	< 1000	**2800**	< 1000	< 1400	< 1400
Acrylonitrile	ug/kg	16000(I)	100(I)(M);52	100(I)(M);40	6600(I)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Benzene	ug/kg	180000(I)	100(I)	4000(I)(X)	1600(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Bromobenzene	ug/kg	540000(I)	550(I)	(I)NA	310000(I)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Bromochloromethane	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Bromodichloromethane	ug/kg	110000	1600(W)	ID	1200	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Bromoform	ug/kg	820000	1600(W)	ID	150000	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Bromomethane	ug/kg	320000	200	700	860	200	< 200	< 200	< 200	< 200	< 280	< 200	< 200	< 200
Carbon disulfide	ug/kg	7.2e+006(C,DD)	16000(I,R)	(I,R)ID	76000(I,R)	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	96000	100	900(X)	190	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Chlorobenzene	ug/kg	4.3e+006(C)	2000(I)	500(I)	120000(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Chloroethane	ug/kg	2.6e+006(C)	8600	22000(X)	2.9e+006(C)	250	< 280	< 250	< 250	< 330	< 950	< 250	< 570	< 570
Chloroform	ug/kg	1.2e+006	1600(W)	7000	7200	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Chloromethane	ug/kg	1.6e+006(C)	5200(I)	(I)ID	2300(I)	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	1400	12000	22000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Cyclohexane	ug/kg	NCE	NCE	NCE	NCE	500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	110000	1600(W)	ID	3900	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Dibromochloropropane	ug/kg	4400(C)	10(M);4	ID	220(C)	10	< 83	< 62	< 61	< 98	< 280	< 42	< 170	< 170
Dibromomethane	ug/kg	2.5e+006(C)	1600	NA	ID	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	95000	ID	900000	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Diethyl ether	ug/kg	1.1e+008(C)	200	ID	2.8e+007(C)	200	< 200	< 200	< 200	< 200	< 280	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	600	ID	670000(C)	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Ethylbenzene	ug/kg	2.2e+007(C)	1500(I)	360(I)	87000(I)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Ethylene dibromide	ug/kg	92	20(M);1	110(X)	670	20	< 83	< 62	< 61	< 98	< 280	< 42	< 170	< 170
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	980	ID	540000	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Hexachloroethane	ug/kg	230000	430	1800(X)	40000	300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	2.5e+007(C)	91000	3200	400000(C)	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
m&p-Xylene	ug/kg	(J)	(J)	(J)	(J)	100	< 170	< 120	< 120	< 200	< 570	< 100	< 340	< 340
Methyl Iodide	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Methylene chloride	ug/kg	1.3e+006	100	30000(X)	45000	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	9/12/2011 10:00 AM	9/12/2011 4:35 PM	9/13/2011 8:10 AM	9/13/2011 8:40 AM	9/13/2011 10:50 AM	9/13/2011 11:35 AM	9/13/2011 4:15 PM	9/13/2011 5:40 PM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 004	SBTC0075L 007	SBTC0075L 008	SBTC0075L 011	SBTC0075L 012	SBTC0075L 016	SBTC0075L 018
	Sample						SBTC0075L 001S 091211S006	SBTC0075L 004S 091211S010	SBTC0075L 007S 091311S006	SBTC0075L 008S 091311S010	SBTC0075L 011S 091311S010	SBTC0075L 012S 091311S010	SBTC0075L 016S 091311S010	SBTC0075L 018S 091311S005
	Depth						0 - 0.6 ft	0 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft
	USCS Code						CL	CL	SW	SW	SW	SW	OL	OL
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	800	140000(X)	9.9e+006(C)	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 330	< 950	< 330	< 570	< 570
n-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
n-Propylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
o-Xylene	ug/kg	(J)	(J)	(J)	(J)	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
sec-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Styrene	ug/kg	400000	2700	2100(X)	250000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	3900	NA	58000	250	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	78000	NA	3.1e+008(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Tetrachloroethylene	ug/kg	200000(C)	100	1200(X)	11000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Tetrahydrofuran	ug/kg	2.9e+006	1900	220000(X)	1.3e+006	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	5e+007(C)	16000(I)	5400(I)	330000(C)	100	**160**	< 100	**110**	< 100	< 280	**190**	< 170	< 170
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	2000	30000(X)	23000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Trichloroethylene	ug/kg	500000(C,DD)	100	4000(X)	1000	50	< 83	< 62	< 61	< 98	< 280	< 50	< 170	< 170
Trichlorofluoromethane	ug/kg	7.9e+007(C)	52000	NA	2.8e+006(C)	100	< 100	< 100	< 100	< 100	< 280	< 100	< 170	< 170
Vinyl chloride	ug/kg	3800	40	260(X)	270	40	< 83	< 62	< 61	< 98	< 280	< 42	< 170	< 170
Xylenes	ug/kg	4.1e+008(C)	5600(I)	820(I)	6.3e+006(C)	150	< 170	< 120	< 120	< 200	< 570	< 100	< 340	< 340

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 11:50 AM	9/22/2011 11:50 AM	9/14/2011 8:42 AM	9/14/2011 8:45 AM	9/14/2011 9:40 AM	9/14/2011 10:20 AM	9/14/2011 11:10 AM	9/14/2011 11:10 AM	9/14/2011 10:35 AM	9/14/2011 10:10 AM	9/14/2011 10:10 AM	9/15/2011 11:40 AM	9/15/2011 2:20 PM	9/22/2011 10:30 AM	9/22/2011 10:30 AM
	Location	SBTC0075L 018A	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 026	SBTC0075L 028	SBTC0075L 030	SBTC0075L 034A	SBTC0075L 034A
	Sample	SBTC0075L 018AS 092211S010	SBTC0075L018AS092211S010-split	SBTC0075L 019S 091411S010	SBTC0075L 020S 091411S010	SBTC0075L 021S 091411S010	SBTC0075L 022S 091411S010	SBTC0075L 023S 091411S010	SBTC0075L023S091411S010-split	SBTC0075L 024S 091411S010	SBTC0075L 026S 091411S009	SBTC0075L026S091411S009-split	SBTC0075L 028S 091511S010	SBTC0075L 030S 091511S010	SBTC0075L 034AS 092211S010	SBTC0075L 034AD 092211S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	SW	SP	SP	OL	SP	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate
Metals																
Arsenic	mg/kg	---	**32**	---	---	---	---	---	**7.9**	---	---	**46**	---	---	---	---
Barium	mg/kg	---	**27**	---	---	---	---	---	**14**	---	---	**68**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.28**	< 0.50	< 0.55	**0.60**	< 0.50	< 0.52	< 0.90	< 0.82
Cadmium	mg/kg	---	**0.23**	---	---	---	---	---	**0.25**	---	---	**0.68**	---	---	---	---
Chromium (Total)	mg/kg	---	**7.2**	---	---	---	---	---	**8.0**	---	---	**10**	---	---	---	---
Copper	mg/kg	---	**9.1**	---	---	---	---	---	**10**	---	---	**11**	---	---	---	---
Iron	mg/kg	---	**13000**	---	---	---	---	---	**12000**	---	---	**25000**	---	---	---	---
Lead	mg/kg	---	**3.4**	---	---	---	---	---	**5.2**	---	---	**26**	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.20	---	---	---	---	---	< 0.05	---	---	< 0.17	---	---	---	---
Molybdenum	mg/kg	**5.2**	**3.5**	**3.1**	**4**	**2.1**	< 1.0	**1.2**	< 1	**1.7**	**3.6**	**4.3**	**1.7**	**1.3**	**7.3**	**4.6**
Nickel	mg/kg	**11**	**8.4**	**11**	**6.8**	**9.3**	**8.7**	**12**	**14**	**8.7**	**13**	**12**	**13**	**9.3**	**10**	**8.9**
Selenium	mg/kg	---	**0.91**	---	---	---	---	---	**0.37**	---	---	**1.5**	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**14**	**9.8**	**12**	**8.1**	**13**	**7.4**	**16**	**12**	**12**	**21**	**18**	**17**	**14**	**11**	**7.7**
Zinc	mg/kg	---	**28**	---	---	---	---	---	**42**	---	---	**64**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 1600	< 330	< 330	< 350	< 330
Acenaphthene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/22/2011 11:50 AM	9/22/2011 11:50 AM	9/14/2011 8:42 AM	9/14/2011 8:45 AM	9/14/2011 9:40 AM	9/14/2011 10:20 AM	9/14/2011 11:10 AM	9/14/2011 11:10 AM	9/14/2011 10:35 AM	9/14/2011 10:10 AM	9/14/2011 10:10 AM	9/15/2011 11:40 AM	9/15/2011 2:20 PM	9/22/2011 10:30 AM	9/22/2011 10:30 AM
	Location	SBTC0075L 018A	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 026	SBTC0075L 028	SBTC0075L 030	SBTC0075L 034A	SBTC0075L 034A
	Sample	SBTC0075L 018AS 092211S010	SBTC0075L01 8AS092211S0 10-split	SBTC0075L 019S 091411S010	SBTC0075L 020S 091411S010	SBTC0075L 021S 091411S010	SBTC0075L 022S 091411S010	SBTC0075L 023S 091411S010	SBTC0075L02 3S091411S01 0-split	SBTC0075L 024S 091411S010	SBTC0075L 026S 091411S009	SBTC0075L02 6S091411S00 9-split	SBTC0075L 028S 091511S010	SBTC0075L 030S 091511S010	SBTC0075L 034AS 092211S010	SBTC0075L 034AD 092211S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	SW	SP	SP	OL	SP	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate
Pyrene	ug/kg	< 330	< 740	< 330	< 330	< 330	< 330	< 330	< 260	< 330	< 330	< 650	< 330	< 330	< 330	< 330
Solids																
Moisture	%	**74**	---	**57**	**54**	**50**	**12**	**18**	---	**49**	**66**	---	**23**	**65**	**77**	**73**
Solids	%	---	**27.0**	---	---	---	---	---	**76.4**	---	---	**31.0**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**23**	---	**7.9**	**10**	**8.1**	**5.5**	**6.2**	---	< 4.8	**12**	---	< 4.0	**8.1**	< 11	**33**
Diesel Range Organics (C10-C20)	ug/kg	---	< 93000	---	---	---	---	---	< 33000	---	---	< 81000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.4	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 33000	---	---	---	---	---	< 8600	---	---	< 33000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**91**	---	**13**	**39**	**17**	**8.5**	**12**	---	**5.1**	**49**	---	< 4.0	**8.6**	**54**	**180**
Oil Range Organics (C20-C34)	ug/kg	---	< 370000	---	---	---	---	---	< 130000	---	---	**560000**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,1,1-Trichloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,1,2,2-Tetrachloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,1,2-Trichloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,1-Dichloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,1-Dichloroethylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,2,3-Trichlorobenzene	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
1,2,3-Trichloropropane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,2,3-Trimethylbenzene	ug/kg	< 760	< 330	< 250	< 250	< 250	< 250	< 250	< 86	< 250	< 440	< 330	< 250	< 410	< 1000	< 720
1,2,4-Trichlorobenzene	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
1,2,4-Trimethylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,2-Dichlorobenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,2-Dichloroethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,2-Dichloropropane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,3,5-Trimethylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,3-Dichlorobenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
1,3-Dichloropropene, cis	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,3-Dichloropropene, trans	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
1,4-Dichloro-2-butene, trans	ug/kg	< 760	< 1600	< 250	< 220	< 180	< 50	< 53	< 430	< 170	< 440	< 1600	< 63	< 410	< 1000	< 720
1,4-Dichlorobenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
2-Butanone (MEK)	ug/kg	< 2500	< 1600	< 850	< 750	< 750	< 750	< 750	< 430	< 750	**6000**	< 1600	< 750	< 1400	< 3400	< 2400

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 11:50 AM	9/22/2011 11:50 AM	9/14/2011 8:42 AM	9/14/2011 8:45 AM	9/14/2011 9:40 AM	9/14/2011 10:20 AM	9/14/2011 11:10 AM	9/14/2011 11:10 AM	9/14/2011 10:35 AM	9/14/2011 10:10 AM	9/14/2011 10:10 AM	9/15/2011 11:40 AM	9/15/2011 2:20 PM	9/22/2011 10:30 AM	9/22/2011 10:30 AM
	Location	SBTC0075L 018A	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 026	SBTC0075L 028	SBTC0075L 030	SBTC0075L 034A	SBTC0075L 034A
	Sample	SBTC0075L 018AS 092211S010	SBTC0075L018AS092211S010-split	SBTC0075L 019S 091411S010	SBTC0075L 020S 091411S010	SBTC0075L 021S 091411S010	SBTC0075L 022S 091411S010	SBTC0075L 023S 091411S010	SBTC0075L023S091411S010-split	SBTC0075L 024S 091411S010	SBTC0075L 026S 091411S009	SBTC0075L026S091411S009-split	SBTC0075L 028S 091511S010	SBTC0075L 030S 091511S010	SBTC0075L 034AS 092211S010	SBTC0075L 034AD 092211S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	SW	SP	SP	OL	SP	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate
2-Hexanone	ug/kg	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500	< 2500	< 430	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 2500	< 1600	< 850	< 750	< 600	< 330	< 330	< 430	< 570	< 1500	< 1600	< 330	< 1400	< 3400	< 2400
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500	< 2500	< 430	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 6300	< 6500	< 2100	< 1900	< 1500	< 1000	< 1000	< 1700	< 1400	< 3600	< 6600	< 1000	< 4100	< 8500	< 6000
Acrylonitrile	ug/kg	< 760	< 1600	< 250	< 220	< 180	< 100	< 100	< 430	< 170	< 440	< 1600	< 100	< 410	< 1000	< 720
Benzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Bromobenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Bromochloromethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Bromodichloromethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Bromoform	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Bromomethane	ug/kg	< 760	< 1300	< 250	< 220	< 200	< 200	< 200	< 350	< 200	< 440	< 1300	< 200	< 410	< 1000	< 720
Carbon disulfide	ug/kg	< 760	< 330	< 250	< 250	< 250	< 250	< 250	< 86	< 250	< 440	< 330	< 250	< 410	< 1000	< 720
Carbon tetrachloride	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Chlorobenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Chloroethane	ug/kg	< 2500	< 1600	< 850	< 750	< 600	< 250	< 250	< 430	< 570	< 1500	< 1600	< 250	< 1400	< 3400	< 2400
Chloroform	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Chloromethane	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
cis-1,2-Dichloroethylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Cyclohexane	ug/kg	< 760	< 1600	< 500	< 500	< 500	< 500	< 500	< 430	< 500	< 500	< 1600	< 500	< 500	< 1000	< 720
Dibromochloromethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Dibromochloropropane	ug/kg	< 760	< 1600	< 250	< 220	< 180	< 43	< 53	< 430	< 170	< 440	< 1600	< 63	< 410	< 1000	< 720
Dibromomethane	ug/kg	< 760	< 330	< 250	< 250	< 250	< 250	< 250	< 86	< 250	< 440	< 330	< 250	< 410	< 1000	< 720
Dichlorodifluoromethane	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
Diethyl ether	ug/kg	< 760	< 1300	< 250	< 220	< 200	< 200	< 200	< 350	< 200	< 440	< 1300	< 200	< 410	< 1000	< 720
Di-isopropyl ether (DIPE)	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
Ethylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Ethylene dibromide	ug/kg	< 760	< 330	< 250	< 220	< 180	< 43	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
Hexachloroethane	ug/kg	< 760	< 1600	< 300	< 300	< 300	< 300	< 300	< 430	< 300	< 440	< 1600	< 300	< 410	< 1000	< 720
Isopropyl benzene	ug/kg	< 760	< 330	< 250	< 250	< 250	< 250	< 250	< 86	< 250	< 440	< 330	< 250	< 410	< 1000	< 720
m&p-Xylene	ug/kg	< 1500	< 650	< 510	< 450	< 360	< 100	< 110	< 170	< 340	< 870	< 660	< 130	< 820	< 2000	< 1400
Methyl Iodide	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Methylene chloride	ug/kg	< 760	< 650	< 250	< 220	< 180	< 100	< 100	< 170	< 170	< 440	< 660	< 100	< 410	< 1000	< 720

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 11:50 AM	9/22/2011 11:50 AM	9/14/2011 8:42 AM	9/14/2011 8:45 AM	9/14/2011 9:40 AM	9/14/2011 10:20 AM	9/14/2011 11:10 AM	9/14/2011 11:10 AM	9/14/2011 10:35 AM	9/14/2011 10:10 AM	9/14/2011 10:10 AM	9/15/2011 11:40 AM	9/15/2011 2:20 PM	9/22/2011 10:30 AM	9/22/2011 10:30 AM
	Location	SBTC0075L 018A	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 026	SBTC0075L 028	SBTC0075L 030	SBTC0075L 034A	SBTC0075L 034A
	Sample	SBTC0075L 018AS 092211S010	SBTC0075L018AS092211S010-split	SBTC0075L 019S 091411S010	SBTC0075L 020S 091411S010	SBTC0075L 021S 091411S010	SBTC0075L 022S 091411S010	SBTC0075L 023S 091411S010	SBTC0075L023S091411S010-split	SBTC0075L 024S 091411S010	SBTC0075L 026S 091411S009	SBTC0075L026S091411S009-split	SBTC0075L 028S 091511S010	SBTC0075L 030S 091511S010	SBTC0075L 034AS 092211S010	SBTC0075L 034AD 092211S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	SW	SP	SP	OL	SP	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate
Methyl-tert-butyl ether (MTBE)	ug/kg	< 760	< 330	< 250	< 250	< 250	< 250	< 250	< 86	< 250	< 440	< 330	< 250	< 410	< 1000	< 720
Naphthalene	ug/kg	< 2500	< 1600	< 850	< 750	< 600	< 330	< 330	< 430	< 570	< 1500	< 1600	< 330	< 1400	< 3400	< 2400
n-Butylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
n-Propylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
o-Xylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
p-Isopropyl toluene (p-Cymene)	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
sec-Butylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Styrene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
t-Amyl methyl ether (TAME)	ug/kg	< 760	< 1600	< 250	< 250	< 250	< 250	< 250	< 430	< 250	< 440	< 1600	< 250	< 410	< 1000	< 720
t-Butyl alcohol	ug/kg	< 2500	< 16000	< 2500	< 2500	< 2500	< 2500	< 2500	< 4300	< 2500	< 2500	< 16000	< 2500	< 2500	< 3400	< 2500
t-Butylbenzene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Tetrachloroethylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Tetrahydrofuran	ug/kg	< 2500	< 1600	< 1000	< 1000	< 1000	< 1000	< 1000	< 430	< 1000	< 1500	< 1600	< 1000	< 1400	< 3400	< 2400
Toluene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	**370**	< 100	< 410	< 1000	< 720
trans-1,2-Dichloroethylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Trichloroethylene	ug/kg	< 760	< 330	< 250	< 220	< 180	< 50	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Trichlorofluoromethane	ug/kg	< 760	< 330	< 250	< 220	< 180	< 100	< 100	< 86	< 170	< 440	< 330	< 100	< 410	< 1000	< 720
Vinyl chloride	ug/kg	< 760	< 330	< 250	< 220	< 180	< 43	< 53	< 86	< 170	< 440	< 330	< 63	< 410	< 1000	< 720
Xylenes	ug/kg	< 1500	---	< 510	< 450	< 360	< 100	< 110	---	< 340	< 870	---	< 130	< 820	< 2000	< 1400

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 10:10 AM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/16/2011 3:55 PM	9/16/2011 3:55 PM	9/16/2011 12:10 PM	9/16/2011 11:45 AM	9/16/2011 4:30 PM	9/16/2011 5:50 PM	9/17/2011 8:10 AM	9/17/2011 8:40 AM	9/17/2011 8:40 AM	9/17/2011 2:25 PM	9/17/2011 10:24 AM
	Location	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051	SBTC0075L 052	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056
	Sample	SBTC0075L 038BS 092211S006	SBTC0075L 040BS 092111S010	SBTC0075L 040BD 092111S010	SBTC0075L040BS092111S010-split	SBTC0075L 042S 091611S010	SBTC0075L042S091611S010-split	SBTC0075L 043S 091611S005	SBTC0075L 044S 091611S005	SBTC0075L 048S 091611S008	SBTC0075L 050S 091611S006	SBTC0075L 051S 091711S006	SBTC0075L 052S 091711S010	SBTC0075L 052D 091711S010	SBTC0075L 054S 091711S008	SBTC0075L 056S 091711S007
	Depth	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.3 - 0.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**54**	---	**20**	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	**71**	---	**120**	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.76	< 0.50	**0.50**	**0.44**	< 0.53	**0.27**	< 0.50	< 0.50	< 0.61	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.54
Cadmium	mg/kg	---	---	---	**0.37**	---	**0.70**	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**10**	---	**6.4**	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**11**	---	**41**	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	**46000**	---	**24000**	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	**11**	---	**13**	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	**0.08**	---	< 0.15	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**3.7**	**5.3**	**4.1**	**3.8**	**4.7**	**5.1**	**5.1**	< 1.0	**1.2**	**5**	**1.1**	**1.7**	**1.5**	**1.8**	**3.1**
Nickel	mg/kg	**6.1**	**12**	**13**	**11**	**7.8**	**9.2**	**7.3**	**4.4**	**6.9**	**10**	**7.0**	**9.4**	**13**	**10**	**9.7**
Selenium	mg/kg	---	---	---	**1.2**	---	**2.1**	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	< 0.1	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**3.8**	**22**	**21**	**16**	**9.8**	**11**	**9.1**	**5.5**	**10**	**15**	**10**	**14**	**23**	**19**	**16**
Zinc	mg/kg	---	---	---	**24**	---	**27**	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 800	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 640	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/22/2011 10:10 AM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/16/2011 3:55 PM	9/16/2011 3:55 PM	9/16/2011 12:10 PM	9/16/2011 11:45 AM	9/16/2011 4:30 PM	9/16/2011 5:50 PM	9/17/2011 8:10 AM	9/17/2011 8:40 AM	9/17/2011 8:40 AM	9/17/2011 2:25 PM	9/17/2011 10:24 AM
	Location	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051	SBTC0075L 052	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056
	Sample	SBTC0075L 038BS 092211S006	SBTC0075L 040BS 092111S010	SBTC0075L 040BD 092111S010	SBTC0075L040 0BS092111S0 10-split	SBTC0075L 042S 091611S010	SBTC0075L042 2S091611S01 0-split	SBTC0075L 043S 091611S005	SBTC0075L 044S 091611S005	SBTC0075L 048S 091611S008	SBTC0075L 050S 091611S006	SBTC0075L 051S 091711S006	SBTC0075L 052S 091711S010	SBTC0075L 052D 091711S010	SBTC0075L 054S 091711S008	SBTC0075L 056S 091711S007
	Depth	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.3 - 0.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids																
Moisture	%	**73**	**40**	**40**	---	**64**	---	**58**	**19**	**69**	**54**	**43**	**60**	**55**	**61**	**71**
Solids	%	---	---	---	**62.2**	---	**37.9**	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 9.1	**5.0**	**6.8**	---	**10**	---	**8.9**	**5.0**	**17**	**24**	**8.7**	**8.6**	**9.9**	**10**	**17**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	**47000**	---	**69000**	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 11000	---	< 21000	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**41**	**10**	**10**	---	**19**	---	**33**	**10**	**72**	**95**	**20**	**14**	**19**	**22**	**31**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 160000	---	**550000**	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,1,1-Trichloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,1,2,2-Tetrachloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,1,2-Trichloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,1-Dichloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,1-Dichloroethylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,2,3-Trichlorobenzene	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
1,2,3-Trichloropropane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,2,3-Trimethylbenzene	ug/kg	< 710	< 250	< 250	< 110	< 380	< 210	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
1,2,4-Trichlorobenzene	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
1,2,4-Trimethylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,2-Dichlorobenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,2-Dichloroethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,2-Dichloropropane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,3,5-Trimethylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,3-Dichlorobenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
1,3-Dichloropropene, cis	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,3-Dichloropropene, trans	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,4-Dichloro-2-butene, trans	ug/kg	< 710	< 120	< 120	< 560	< 380	< 1100	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
1,4-Dichlorobenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
2-Butanone (MEK)	ug/kg	< 2400	< 750	< 750	< 560	< 1300	< 1100	< 750	< 750	< 1700	< 750	< 750	< 750	< 750	< 1100	< 2000

	Date \ Time Collected	9/22/2011 10:10 AM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/16/2011 3:55 PM	9/16/2011 3:55 PM	9/16/2011 12:10 PM	9/16/2011 11:45 AM	9/16/2011 4:30 PM	9/16/2011 5:50 PM	9/17/2011 8:10 AM	9/17/2011 8:40 AM	9/17/2011 8:40 AM	9/17/2011 2:25 PM	9/17/2011 10:24 AM
	Location	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051	SBTC0075L 052	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056
	Sample	SBTC0075L 038BS 092211S006	SBTC0075L 040BS 092111S010	SBTC0075L 040BD 092111S010	SBTC0075L040BS092111S010-split	SBTC0075L 042S 091611S010	SBTC0075L042S091611S010-split	SBTC0075L 043S 091611S005	SBTC0075L 044S 091611S005	SBTC0075L 048S 091611S008	SBTC0075L 050S 091611S006	SBTC0075L 051S 091711S006	SBTC0075L 052S 091711S010	SBTC0075L 052D 091711S010	SBTC0075L 054S 091711S008	SBTC0075L 056S 091711S007
	Depth	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.3 - 0.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 560	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 2400	< 390	< 390	< 560	< 1300	< 1100	< 330	< 330	< 1700	< 710	< 330	< 330	< 330	< 1100	< 2000
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 560	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 7100	< 1000	< 1000	< 2200	< 3100	< 4200	< 1000	< 1000	< 4300	< 1800	< 1000	< 1000	< 1000	< 2600	< 5100
Acrylonitrile	ug/kg	< 710	< 120	< 120	< 560	< 380	< 1100	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Benzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Bromobenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Bromochloromethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Bromodichloromethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Bromoform	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Bromomethane	ug/kg	< 710	< 200	< 200	< 450	< 380	< 840	< 200	< 200	< 510	< 210	< 200	< 200	< 200	< 320	< 610
Carbon disulfide	ug/kg	< 710	< 250	< 250	< 110	< 380	< 210	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Carbon tetrachloride	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Chlorobenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Chloroethane	ug/kg	< 2400	< 390	< 390	< 560	< 1300	< 1100	< 250	< 250	< 1700	< 710	< 250	< 250	< 250	< 1100	< 2000
Chloroform	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Chloromethane	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
cis-1,2-Dichloroethylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Cyclohexane	ug/kg	< 710	< 500	< 500	< 560	< 500	< 1100	< 500	< 500	< 510	< 500	< 500	< 500	< 500	< 500	< 610
Dibromochloromethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Dibromochloropropane	ug/kg	< 710	< 120	< 120	< 560	< 380	< 1100	< 72	< 38	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Dibromomethane	ug/kg	< 710	< 250	< 250	< 110	< 380	< 210	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Dichlorodifluoromethane	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Diethyl ether	ug/kg	< 710	< 200	< 200	< 450	< 380	< 840	< 200	< 200	< 510	< 210	< 200	< 200	< 200	< 320	< 610
Di-isopropyl ether (DIPE)	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Ethylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Ethylene dibromide	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 38	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Hexachloroethane	ug/kg	< 710	< 300	< 300	< 560	< 380	< 1100	< 300	< 300	< 510	< 300	< 300	< 300	< 300	< 320	< 610
Isopropyl benzene	ug/kg	< 710	< 250	< 250	< 110	< 380	< 210	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
m&p-Xylene	ug/kg	< 1400	< 230	< 230	< 220	< 750	< 420	< 140	< 100	< 1000	< 420	< 110	< 150	< 130	< 630	< 1200
Methyl Iodide	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Methylene chloride	ug/kg	< 710	< 120	< 120	< 220	< 380	< 420	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 10:10 AM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/21/2011 5:45 PM	9/16/2011 3:55 PM	9/16/2011 3:55 PM	9/16/2011 12:10 PM	9/16/2011 11:45 AM	9/16/2011 4:30 PM	9/16/2011 5:50 PM	9/17/2011 8:10 AM	9/17/2011 8:40 AM	9/17/2011 8:40 AM	9/17/2011 2:25 PM	9/17/2011 10:24 AM
	Location	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051	SBTC0075L 052	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056
	Sample	SBTC0075L 038BS 092211S006	SBTC0075L 040BS 092111S010	SBTC0075L 040BD 092111S010	SBTC0075L040 0BS092111S0 10-split	SBTC0075L 042S 091611S010	SBTC0075L04 2S091611S01 0-split	SBTC0075L 043S 091611S005	SBTC0075L 044S 091611S005	SBTC0075L 048S 091611S008	SBTC0075L 050S 091611S006	SBTC0075L 051S 091711S006	SBTC0075L 052S 091711S010	SBTC0075L 052D 091711S010	SBTC0075L 054S 091711S008	SBTC0075L 056S 091711S007
	Depth	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.3 - 0.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	SP	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 710	< 250	< 250	< 110	< 380	< 210	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
Naphthalene	ug/kg	< 2400	< 390	< 390	< 560	< 1300	< 1100	< 330	< 330	< 1700	< 710	< 330	< 330	< 330	< 1100	< 2000
n-Butylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
n-Propylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
o-Xylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
p-Isopropyl toluene (p-Cymene)	ug/kg	< 710	**140**	**200**	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
sec-Butylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Styrene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
t-Amyl methyl ether (TAME)	ug/kg	< 710	< 250	< 250	< 560	< 380	< 1100	< 250	< 250	< 510	< 250	< 250	< 250	< 250	< 320	< 610
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 5600	< 2500	< 11000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Tetrachloroethylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Tetrahydrofuran	ug/kg	< 2400	< 1000	< 1000	< 560	< 1300	< 1100	< 1000	< 1000	< 1700	< 1000	< 1000	< 1000	< 1000	< 1100	< 2000
Toluene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
trans-1,2-Dichloroethylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Trichloroethylene	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 50	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Trichlorofluoromethane	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 100	< 100	< 510	< 210	< 100	< 100	< 100	< 320	< 610
Vinyl chloride	ug/kg	< 710	< 120	< 120	< 110	< 380	< 210	< 72	< 40	< 510	< 210	< 53	< 75	< 67	< 320	< 610
Xylenes	ug/kg	< 1400	< 230	< 230	---	< 750	---	< 140	< 100	< 1000	< 420	< 110	< 150	< 130	< 630	< 1200

	Date \ Time Collected	9/17/2011 5:25 PM	9/17/2011 11:10 AM	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 11:10 AM	9/19/2011 10:55 AM	9/19/2011 11:35 AM	9/19/2011 2:35 PM	9/19/2011 3:18 PM	9/19/2011 3:18 PM	9/19/2011 2:00 PM	9/21/2011 3:10 PM	9/20/2011 10:20 AM
	Location	SBTC0075L 058	SBTC0075L 059	SBTC0075L 060	SBTC0075L 060	SBTC0075L 060	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 064	SBTC0075L 064	SBTC0075L 066	SBTC0075L 068A	SBTC0075L 069
	Sample	SBTC0075L 058S 091711S005	SBTC0075L 059S 091711S010	SBTC0075L 060S 091711S009	SBTC0075L060 0S091711S00-split	SBTC0075L 060S 091711S070	SBTC0075L 061S 091911S002	SBTC0075L 062S 091911S003	SBTC0075L 063S 091911S002	SBTC0075L 064S 091911S010	SBTC0075L06 4S091911S01 0-SPLIT	SBTC0075L 066S 091911S010	SBTC0075L 068AS 092111S010	SBTC0075L 069S 092011S003
	Depth	0 - 0.5 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	6 - 7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.2 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft
	USCS Code	SM	SM	OL	OL	SM	OL	OL	SM	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Metals														
Arsenic	mg/kg	---	---	---	**38**	---	---	---	---	---	**28**	---	---	---
Barium	mg/kg	---	---	---	**130**	---	---	---	---	---	**82**	---	---	---
Beryllium	mg/kg	< 0.61	< 0.50	< 0.99	**0.52**	< 0.50	< 0.50	< 0.50	**0.93**	< 0.50	**0.35**	**0.67**	**0.71**	< 0.50
Cadmium	mg/kg	---	---	---	**0.29**	---	---	---	---	---	**0.38**	---	---	---
Chromium (Total)	mg/kg	---	---	---	**13**	---	---	---	---	---	**9.3**	---	---	---
Copper	mg/kg	---	---	---	**6.1**	---	---	---	---	---	**7.6**	---	---	---
Iron	mg/kg	---	---	---	**53000**	---	---	---	---	---	**52000**	---	---	---
Lead	mg/kg	---	---	---	**7.8**	---	---	---	---	---	**8.9**	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	< 0.05	---	---	---
Molybdenum	mg/kg	**11**	**2.2**	**4.8**	**2.5**	< 1.0	**5.2**	**6.4**	< 1.0	**4.9**	**3.5**	**15**	**3.1**	**5**
Nickel	mg/kg	**8.5**	**13**	**10**	**10**	**5.9**	**17**	**11**	**23**	**10**	**9.6**	**15**	**24**	**14**
Selenium	mg/kg	---	---	---	**1.1**	---	---	---	---	---	**0.72**	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**13**	**19**	**23**	**21**	**8.8**	**21**	**19**	**110**	**21**	**18**	**29**	**52**	**16**
Zinc	mg/kg	---	---	---	**27**	---	---	---	---	---	**33**	---	---	---
PNA														
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 830	< 330	< 330	< 330	< 330	< 330	< 910	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330

	Date \ Time Collected	9/17/2011 5:25 PM	9/17/2011 11:10 AM	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 11:10 AM	9/19/2011 10:55 AM	9/19/2011 11:35 AM	9/19/2011 2:35 PM	9/19/2011 3:18 PM	9/19/2011 3:18 PM	9/19/2011 2:00 PM	9/21/2011 3:10 PM	9/20/2011 10:20 AM
	Location	SBTC0075L 058	SBTC0075L 059	SBTC0075L 060	SBTC0075L 060	SBTC0075L 060	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 064	SBTC0075L 064	SBTC0075L 066	SBTC0075L 068A	SBTC0075L 069
	Sample	SBTC0075L 058S 091711S005	SBTC0075L 059S 091711S010	SBTC0075L 060S 091711S009	SBTC0075L060 0S091711S00-split	SBTC0075L 060S 091711S070	SBTC0075L 061S 091911S002	SBTC0075L 062S 091911S003	SBTC0075L 063S 091911S002	SBTC0075L 064S 091911S010	SBTC0075L06 4S091911S01 0-SPLIT	SBTC0075L 066S 091911S010	SBTC0075L 068AS 092111S010	SBTC0075L 069S 092011S003
	Depth	0 - 0.5 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	6 - 7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.2 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft
	USCS Code	SM	SM	OL	OL	SM	OL	OL	SM	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 330
Solids														
Moisture	%	**65**	**21**	**32**	---	**8.0**	**44**	**59**	**14**	**48**	---	**49**	**49**	**52**
Solids	%	---	---	---	**60.5**	---	---	---	---	---	**55.2**	---	---	---
TPH														
Diesel Range Organics (C10-C20)	mg/kg	**8.7**	< 4.0	**4.8**	---	**5.3**	**18**	**8.7**	< 4.0	**10**	---	**4.8**	**8.1**	**7.0**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 41000	---	---	---	---	---	< 45000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 11000	---	---	---	---	---	< 13000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**31**	**8.4**	**7.3**	---	**14**	**64**	**19**	**13**	**39**	---	**25**	**21**	**15**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 170000	---	---	---	---	---	< 180000	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,1,1-Trichloroethane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,1,2,2-Tetrachloroethane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,1,2-Trichloroethane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,1-Dichloroethane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,1-Dichloroethylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,2,3-Trichlorobenzene	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,2,3-Trimethylbenzene	ug/kg	< 410	< 250	< 250	< 110	< 250	< 250	< 290	< 250	< 250	< 130	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,2-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,2-Dichloroethane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,2-Dichloropropane	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,3,5-Trimethylbenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,3-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
1,3-Dichloropropene, cis	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,3-Dichloropropene, trans	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
1,4-Dichloro-2-butene, trans	ug/kg	< 410	< 61	< 85	< 570	< 56	< 140	< 290	< 50	< 170	< 670	< 170	< 59	< 200
1,4-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
2-Butanone (MEK)	ug/kg	< 1400	< 750	< 750	< 570	< 750	< 750	< 960	< 750	< 750	< 670	< 750	< 750	< 750

	Date \ Time Collected	9/17/2011 5:25 PM	9/17/2011 11:10 AM	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 11:10 AM	9/19/2011 10:55 AM	9/19/2011 11:35 AM	9/19/2011 2:35 PM	9/19/2011 3:18 PM	9/19/2011 3:18 PM	9/19/2011 2:00 PM	9/21/2011 3:10 PM	9/20/2011 10:20 AM
	Location	SBTC0075L 058	SBTC0075L 059	SBTC0075L 060	SBTC0075L 060	SBTC0075L 060	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 064	SBTC0075L 064	SBTC0075L 066	SBTC0075L 068A	SBTC0075L 069
	Sample	SBTC0075L 058S 091711S005	SBTC0075L 059S 091711S010	SBTC0075L 060S 091711S009	SBTC0075L060 0S091711S00-split	SBTC0075L 060S 091711S070	SBTC0075L 061S 091911S002	SBTC0075L 062S 091911S003	SBTC0075L 063S 091911S002	SBTC0075L 064S 091911S010	SBTC0075L06 4S091911S01 0-SPLIT	SBTC0075L 066S 091911S010	SBTC0075L 068AS 092111S010	SBTC0075L 069S 092011S003
	Depth	0 - 0.5 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	6 - 7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.2 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft
	USCS Code	SM	SM	OL	OL	SM	OL	OL	SM	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 570	< 2500	< 2500	< 2500	< 2500	< 2500	< 670	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1400	< 330	< 330	< 570	< 330	< 460	< 960	< 330	< 550	< 670	< 570	< 330	< 660
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 570	< 2500	< 2500	< 2500	< 2500	< 2500	< 670	< 2500	< 2500	< 2500
Acetone	ug/kg	< 3400	< 1000	< 1000	< 2300	< 1000	< 1300	< 2900	< 1000	< 1400	< 2700	< 1400	< 1000	**1800**
Acrylonitrile	ug/kg	< 410	< 100	< 100	< 570	< 100	< 140	< 290	< 100	< 170	< 670	< 170	< 100	< 200
Benzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Bromobenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Bromochloromethane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Bromodichloromethane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Bromoform	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Bromomethane	ug/kg	< 410	< 200	< 200	< 460	< 200	< 200	< 290	< 200	< 200	< 540	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 410	< 250	< 250	< 110	< 250	< 250	< 290	< 250	< 250	< 130	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Chlorobenzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Chloroethane	ug/kg	< 1400	< 250	< 280	< 570	< 250	< 460	< 960	< 250	< 550	< 670	< 570	< 250	< 660
Chloroform	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Chloromethane	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Cyclohexane	ug/kg	< 500	< 500	< 500	< 570	< 500	< 500	< 500	< 500	< 500	< 670	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Dibromochloropropane	ug/kg	< 410	< 61	< 85	< 570	< 56	< 140	< 290	< 46	< 170	< 670	< 170	< 59	< 200
Dibromomethane	ug/kg	< 410	< 250	< 250	< 110	< 250	< 250	< 290	< 250	< 250	< 130	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
Diethyl ether	ug/kg	< 410	< 200	< 200	< 460	< 200	< 200	< 290	< 200	< 200	< 540	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Ethylene dibromide	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 46	< 170	< 130	< 170	< 59	< 200
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 410	< 300	< 300	< 570	< 300	< 300	< 300	< 300	< 300	< 670	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 410	< 250	< 250	< 110	< 250	< 250	< 290	< 250	< 250	< 130	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 820	< 120	< 170	< 230	< 110	< 280	< 580	< 100	< 330	< 270	< 340	< 120	< 390
Methyl Iodide	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Methylene chloride	ug/kg	< 410	< 100	< 100	< 230	< 100	< 140	< 290	< 100	< 170	< 270	< 170	< 100	< 200

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 5:25 PM	9/17/2011 11:10 AM	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 11:10 AM	9/19/2011 10:55 AM	9/19/2011 11:35 AM	9/19/2011 2:35 PM	9/19/2011 3:18 PM	9/19/2011 3:18 PM	9/19/2011 2:00 PM	9/21/2011 3:10 PM	9/20/2011 10:20 AM
	Location	SBTC0075L 058	SBTC0075L 059	SBTC0075L 060	SBTC0075L 060	SBTC0075L 060	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 064	SBTC0075L 064	SBTC0075L 066	SBTC0075L 068A	SBTC0075L 069
	Sample	SBTC0075L 058S 091711S005	SBTC0075L 059S 091711S010	SBTC0075L 060S 091711S009	SBTC0075L060 0S091711S00-split	SBTC0075L 060S 091711S070	SBTC0075L 061S 091911S002	SBTC0075L 062S 091911S003	SBTC0075L 063S 091911S002	SBTC0075L 064S 091911S010	SBTC0075L06 4S091911S01 0-SPLIT	SBTC0075L 066S 091911S010	SBTC0075L 068AS 092111S010	SBTC0075L 069S 092011S003
	Depth	0 - 0.5 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	6 - 7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.2 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft
	USCS Code	SM	SM	OL	OL	SM	OL	OL	SM	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 410	< 250	< 250	< 110	< 250	< 250	< 290	< 250	< 250	< 130	< 250	< 250	< 250
Naphthalene	ug/kg	< 1400	< 330	< 330	< 570	< 330	< 460	< 960	< 330	< 550	< 670	< 570	< 330	< 660
n-Butylbenzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
n-Propylbenzene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
o-Xylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
p-Isopropyl toluene (p-Cymene)	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
sec-Butylbenzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Styrene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
t-Amyl methyl ether (TAME)	ug/kg	< 410	< 250	< 250	< 570	< 250	< 250	< 290	< 250	< 250	< 670	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 5700	< 2500	< 2500	< 2500	< 2500	< 2500	< 6700	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Tetrachloroethylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Tetrahydrofuran	ug/kg	< 1400	< 1000	< 1000	< 570	< 1000	< 1000	< 1000	< 1000	< 1000	< 670	< 1000	< 1000	< 1000
Toluene	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
trans-1,2-Dichloroethylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Trichloroethylene	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 50	< 170	< 130	< 170	< 59	< 200
Trichlorofluoromethane	ug/kg	< 410	< 100	< 100	< 110	< 100	< 140	< 290	< 100	< 170	< 130	< 170	< 100	< 200
Vinyl chloride	ug/kg	< 410	< 61	< 85	< 110	< 56	< 140	< 290	< 46	< 170	< 130	< 170	< 59	< 200
Xylenes	ug/kg	< 820	< 120	< 170	---	< 110	< 280	< 580	< 100	< 330	---	< 340	< 120	< 390

	Date \ Time Collected	9/19/2011 5:05 PM	9/19/2011 5:05 PM	9/21/2011 2:10 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM	1/21/2014 2:40 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM
	Location	SBTC0075L 070	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 501	SBTC0075L 501	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L5 08R1	SBTC0075L 510	SBTC0075L 511
	Sample	SBTC0075L 070S 091911S005	SBTC0075L070S091911S005-SPLIT	SBTC0075L 072AS 092111S010	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005	SBTC0075L 503S 012114S002	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506S 012714S011	SBTC0075L 506D 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.2 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft
	USCS Code	SM	SM	OL	ML	ML	OL	OL	OL	ML	ML	OL-ML	OL	OL	OL	ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	**10**	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**34**	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.41**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	---	< 0.50	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**13**	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**9.9**	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**22000**	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**8.1**	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.8**	**1.4**	**1.3**	**4.3**	**3.2**	**2.3**	**5.6**	**2.2**	**3.3**	**2.6**	**2.3**	**2.8**	---	**3.4**	**2.8**
Nickel	mg/kg	**11**	**16**	**3.8**	**14**	**14**	**8.7**	**9.7**	**11**	**6.5**	**8.0**	**7.4**	**8.7**	---	**10**	**16**
Selenium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**17**	**24**	**5.4**	**21**	**19**	**9.5**	**13**	**15**	**9.0**	**9.4**	**8.0**	**10**	---	**12**	**35**
Zinc	mg/kg	---	**38**	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 570	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Acenaphthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Chrysene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Fluoranthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Fluorene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Naphthalene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Phenanthrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330

	Date \ Time Collected	9/19/2011 5:05 PM	9/19/2011 5:05 PM	9/21/2011 2:10 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM	1/21/2014 2:40 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM
	Location	SBTC0075L 070	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 501	SBTC0075L 501	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L5 08R1	SBTC0075L 510	SBTC0075L 511
	Sample	SBTC0075L 070S 091911S005	SBTC0075L070S091911S005-SPLIT	SBTC0075L 072AS 092111S010	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005	SBTC0075L 503S 012114S002	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506S 012714S011	SBTC0075L 506D 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.2 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft
	USCS Code	SM	SM	OL	ML	ML	OL	OL	OL	ML	ML	OL-ML	OL	OL	OL	ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330
Solids																
Moisture	%	**26**	---	**30**	**50**	**50**	**60**	**66**	**61**	**49**	**44**	**54**	**49**	**58**	**58**	**56**
Solids	%	---	**87.5**	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	**12**	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 29000	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6300	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**7.3**	---	**40**	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,1,1-Trichloroethane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,1,2,2-Tetrachloroethane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,1,2-Trichloroethane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,1-Dichloroethane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,1-Dichloroethylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,2,3-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
1,2,3-Trichloropropane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,2,3-Trimethylbenzene	ug/kg	< 250	< 63	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
1,2,4-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
1,2,4-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,2-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,2-Dichloroethane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,2-Dichloropropane	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,3,5-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,3-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,3-Dichloropropene, cis	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,3-Dichloropropene, trans	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,4-Dichloro-2-butene, trans	ug/kg	< 69	< 310	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
1,4-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
2-Butanone (MEK)	ug/kg	< 750	< 310	< 750	< 750	< 750	< 1200	< 1700	< 750	< 750	< 750	< 880	< 750	< 1100	< 1000	< 930

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 5:05 PM	9/19/2011 5:05 PM	9/21/2011 2:10 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM	1/21/2014 2:40 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM
	Location	SBTC0075L 070	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 501	SBTC0075L 501	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L5 08R1	SBTC0075L 510	SBTC0075L 511
	Sample	SBTC0075L 070S 091911S005	SBTC0075L070S091911S005-SPLIT	SBTC0075L 072AS 092111S010	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005	SBTC0075L 503S 012114S002	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506S 012714S011	SBTC0075L 506D 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.2 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft
	USCS Code	SM	SM	OL	ML	ML	OL	OL	OL	ML	ML	OL-ML	OL	OL	OL	ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 310	< 330	< 740	< 740	< 1200	< 1700	< 380	< 630	< 550	< 880	< 620	< 1100	< 1000	< 930
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 1300	< 1000	< 1900	< 1800	< 3000	< 4300	< 1000	< 1600	< 1400	< 2200	< 1500	< 2700	< 2600	< 2300
Acrylonitrile	ug/kg	< 100	< 310	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Benzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Bromobenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Bromochloromethane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Bromodichloromethane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Bromoform	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Bromomethane	ug/kg	< 200	< 250	< 200	< 220	< 220	< 360	< 510	< 200	< 200	< 200	< 260	< 200	< 320	< 310	< 280
Carbon disulfide	ug/kg	< 250	< 63	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Carbon tetrachloride	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Chlorobenzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Chloroethane	ug/kg	< 250	< 310	< 250	< 740	< 740	< 1200	< 1700	< 380	< 630	< 550	< 880	< 620	< 1100	< 1000	< 930
Chloroform	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Chloromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
cis-1,2-Dichloroethylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Cyclohexane	ug/kg	< 500	< 310	< 500	< 500	< 500	< 500	< 510	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Dibromochloropropane	ug/kg	< 69	< 310	< 43	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Dibromomethane	ug/kg	< 250	< 63	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Dichlorodifluoromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Diethyl ether	ug/kg	< 200	< 250	< 200	< 220	< 220	< 360	< 510	< 200	< 200	< 200	< 260	< 200	< 320	< 310	< 280
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Ethylbenzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Ethylene dibromide	ug/kg	< 69	< 63	< 43	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Hexachloroethane	ug/kg	< 300	< 310	< 300	< 300	< 300	< 360	< 510	< 300	< 300	< 300	< 300	< 300	< 320	< 310	< 300
Isopropyl benzene	ug/kg	< 250	< 63	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
m&p-Xylene	ug/kg	< 140	< 130	< 100	< 450	< 440	< 720	< 1000	< 230	< 380	< 330	< 530	< 370	< 640	< 620	< 560
Methyl Iodide	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Methylene chloride	ug/kg	< 100	< 130	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 5:05 PM	9/19/2011 5:05 PM	9/21/2011 2:10 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM	1/21/2014 2:40 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM
	Location	SBTC0075L 070	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 501	SBTC0075L 501	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L5 08R1	SBTC0075L 510	SBTC0075L 511
	Sample	SBTC0075L 070S 091911S005	SBTC0075L070S091911S005-SPLIT	SBTC0075L 072AS 092111S010	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005	SBTC0075L 503S 012114S002	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506S 012714S011	SBTC0075L 506D 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.2 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft
	USCS Code	SM	SM	OL	ML	ML	OL	OL	OL	ML	ML	OL-ML	OL	OL	OL	ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 63	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
Naphthalene	ug/kg	< 330	< 310	< 330	< 740	< 740	< 1200	< 1700	< 380	< 630	< 550	< 880	< 620	< 1100	< 1000	< 930
n-Butylbenzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
n-Propylbenzene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
o-Xylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
sec-Butylbenzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Styrene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 360	< 510	< 250	< 250	< 250	< 260	< 250	< 320	< 310	< 280
t-Butyl alcohol	ug/kg	< 2500	< 3100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Tetrachloroethylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Tetrahydrofuran	ug/kg	< 1000	< 310	< 1000	< 1000	< 1000	< 1200	< 1700	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000	< 1000
Toluene	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
trans-1,2-Dichloroethylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Trichloroethylene	ug/kg	< 69	< 63	< 50	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	**810**	< 320	< 310	< 280
Trichlorofluoromethane	ug/kg	< 100	< 63	< 100	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Vinyl chloride	ug/kg	< 69	< 63	< 43	< 220	< 220	< 360	< 510	< 110	< 190	< 170	< 260	< 190	< 320	< 310	< 280
Xylenes	ug/kg	< 140	---	< 100	< 450	< 440	< 720	< 1000	< 230	< 380	< 330	< 530	< 370	< 640	< 620	< 560

	Date \ Time Collected	1/31/2014 4:00 PM	1/31/2014 3:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 3:05 PM	9/12/2011 9:20 AM	9/12/2011 9:44 AM	9/12/2011 12:05 PM	9/12/2011 12:05 PM	9/12/2011 1:40 PM	9/12/2011 2:25 PM	9/12/2011 3:00 PM	9/13/2011 1:35 PM	9/12/2011 5:10 PM	9/13/2011 8:08 AM
	Location	SBTC0075L 512	SBTC0075L 513	SBTC0075L 513	SBTC0075L 514	SBTC0075L 517	SBTC0075R 001	SBTC0075R 002	SBTC0075R 008	SBTC0075R 008	SBTC0075R 010	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013	SBTC0075R 014	SBTC0075R 018
	Sample	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 513D 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 517S 021014S005	SBTC0075R 01S 091211S004	SBTC0075R 02S 091211S005	SBTC0075R 008S 091211S010	SBTC0075R008S091211S010-split	SBTC0075R 010S 091211S010	SBTC0075R 011S 091211S005	SBTC0075R 012S 091211S006	SBTC0075R 013S 091311S010	SBTC0075R 014S 091211S006	SBTC0075R 018S 091311S013
	Depth	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.4 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.6 ft	0 - 1 ft	0.1 - 0.6 ft	0 - 1.3 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**17**	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	**58**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	---	< 0.50	< 0.50	< 0.50	**0.30**	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.67
Cadmium	mg/kg	---	---	---	---	---	---	---	---	**0.28**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**9.4**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**8.7**	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	**19000**	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**13**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	< 0.16	---	---	---	---	---	---
Molybdenum	mg/kg	**2.7**	**2.3**	**2.8**	**3.1**	**3**	**3.1**	**3.4**	**1**	**1.8**	**4.1**	**3.4**	**1.9**	**1.9**	**1.8**	**3.8**
Nickel	mg/kg	**8.2**	**9.1**	**9.7**	**11**	---	**7.2**	**9.7**	**9.0**	**9.2**	**12**	**7.0**	**8.0**	**16**	**6.9**	**11**
Selenium	mg/kg	---	---	---	---	---	---	---	---	**0.99**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**9.6**	**11**	**12**	**15**	---	**8.6**	**11**	**18**	**15**	**21**	**10**	**12**	**17**	**11**	**19**
Zinc	mg/kg	---	---	---	---	---	---	---	---	**43**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1500	< 390	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	1/31/2014 4:00 PM	1/31/2014 3:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 3:05 PM	9/12/2011 9:20 AM	9/12/2011 9:44 AM	9/12/2011 12:05 PM	9/12/2011 12:05 PM	9/12/2011 1:40 PM	9/12/2011 2:25 PM	9/12/2011 3:00 PM	9/13/2011 1:35 PM	9/12/2011 5:10 PM	9/13/2011 8:08 AM
	Location	SBTC0075L 512	SBTC0075L 513	SBTC0075L 513	SBTC0075L 514	SBTC0075L 517	SBTC0075R 001	SBTC0075R 002	SBTC0075R 008	SBTC0075R 008	SBTC0075R 010	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013	SBTC0075R 014	SBTC0075R 018
	Sample	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 513D 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 517S 021014S005	SBTC0075R 01S 091211S004	SBTC0075R 02S 091211S005	SBTC0075R 008S 091211S010	SBTC0075R008S091211S010-split	SBTC0075R 010S 091211S010	SBTC0075R 011S 091211S005	SBTC0075R 012S 091211S006	SBTC0075R 013S 091311S010	SBTC0075R 014S 091211S006	SBTC0075R 018S 091311S013
	Depth	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.4 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.6 ft	0 - 1 ft	0.1 - 0.6 ft	0 - 1.3 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330
Solids																
Moisture	%	**47**	**51**	**54**	**61**	**23**	**26**	**47**	**57**	---	**80**	**56**	**51**	**25**	**40**	**75**
Solids	%	---	---	---	---	---	---	---	---	**32.5**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	---	**17**	**11**	**12**	---	**24**	< 5.6	**13**	**5.1**	**15**	**13**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 77000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	---	---	< 4.0	< 4.0	< 4.0	---	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 26000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	---	**86**	**29**	**28**	---	**43**	**8.4**	**89**	**7.2**	**69**	**34**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	**310000**	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,1,1-Trichloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,1,2,2-Tetrachloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,1,2-Trichloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,1-Dichloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,1-Dichloroethylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
1,2,3-Trichloropropane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 260	< 1400	< 250	< 250	< 250	< 250	< 850
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
1,2,4-Trimethylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,2-Dichlorobenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,2-Dichloroethane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,2-Dichloropropane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,3,5-Trimethylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,3-Dichlorobenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
1,3-Dichloropropene, cis	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,3-Dichloropropene, trans	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
1,4-Dichloro-2-butene, trans	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 1300	< 1400	< 240	< 190	< 67	< 120	< 850
1,4-Dichlorobenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
2-Butanone (MEK)	ug/kg	< 750	< 760	< 820	< 1100	---	< 750	< 750	< 860	< 1300	< 4700	< 800	< 750	< 750	< 750	< 2800

	Date \ Time Collected	1/31/2014 4:00 PM	1/31/2014 3:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 3:05 PM	9/12/2011 9:20 AM	9/12/2011 9:44 AM	9/12/2011 12:05 PM	9/12/2011 12:05 PM	9/12/2011 1:40 PM	9/12/2011 2:25 PM	9/12/2011 3:00 PM	9/13/2011 1:35 PM	9/12/2011 5:10 PM	9/13/2011 8:08 AM
	Location	SBTC0075L 512	SBTC0075L 513	SBTC0075L 513	SBTC0075L 514	SBTC0075L 517	SBTC0075R 001	SBTC0075R 002	SBTC0075R 008	SBTC0075R 008	SBTC0075R 010	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013	SBTC0075R 014	SBTC0075R 018
	Sample	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 513D 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 517S 021014S005	SBTC0075R 01S 091211S004	SBTC0075R 02S 091211S005	SBTC0075R 008S 091211S010	SBTC0075R008S091211S010-split	SBTC0075R 010S 091211S010	SBTC0075R 011S 091211S005	SBTC0075R 012S 091211S006	SBTC0075R 013S 091311S010	SBTC0075R 014S 091211S006	SBTC0075R 018S 091311S013
	Depth	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.4 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.6 ft	0 - 1 ft	0.1 - 0.6 ft	0 - 1.3 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 570	< 760	< 820	< 1100	---	< 330	< 530	< 860	< 1300	< 4700	< 800	< 620	< 330	< 390	< 2800
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1400	< 1900	< 2100	< 2700	---	< 1000	< 1300	< 2100	< 5200	< 12000	< 2200	< 1700	< 1000	< 1000	< 7100
Acrylonitrile	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 1300	< 1400	< 240	< 190	< 100	< 120	< 850
Benzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Bromobenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Bromochloromethane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Bromodichloromethane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Bromoform	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Bromomethane	ug/kg	< 200	< 230	< 250	< 320	---	< 200	< 200	< 260	< 1000	< 1400	< 240	< 200	< 200	< 200	< 850
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 260	< 1400	< 250	< 250	< 250	< 250	< 850
Carbon tetrachloride	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Chlorobenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Chloroethane	ug/kg	< 570	< 760	< 820	< 1100	---	< 250	< 530	< 860	< 1300	< 4700	< 800	< 620	< 250	< 390	< 2800
Chloroform	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Chloromethane	ug/kg	< 250	< 250	< 250	**700**	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
cis-1,2-Dichloroethylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	---	< 500	< 500	< 500	< 1300	< 1400	< 500	< 500	< 500	< 500	< 850
Dibromochloromethane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Dibromochloropropane	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 1300	< 1400	< 240	< 190	< 67	< 120	< 850
Dibromomethane	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 260	< 1400	< 250	< 250	< 250	< 250	< 850
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
Diethyl ether	ug/kg	< 200	< 230	< 250	< 320	---	< 200	< 200	< 260	< 1000	< 1400	< 240	< 200	< 200	< 200	< 850
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
Ethylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Ethylene dibromide	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 320	---	< 300	< 300	< 300	< 1300	< 1400	< 300	< 300	< 300	< 300	< 850
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 260	< 1400	< 250	< 250	< 250	< 250	< 850
m&p-Xylene	ug/kg	< 340	< 450	< 490	< 640	---	< 140	< 320	< 510	< 520	< 2800	< 480	< 370	< 130	< 240	< 1700
Methyl Iodide	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Methylene chloride	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 520	< 1400	< 240	< 190	< 100	< 120	< 850

	Date \ Time Collected	1/31/2014 4:00 PM	1/31/2014 3:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 3:05 PM	9/12/2011 9:20 AM	9/12/2011 9:44 AM	9/12/2011 12:05 PM	9/12/2011 12:05 PM	9/12/2011 1:40 PM	9/12/2011 2:25 PM	9/12/2011 3:00 PM	9/13/2011 1:35 PM	9/12/2011 5:10 PM	9/13/2011 8:08 AM
	Location	SBTC0075L 512	SBTC0075L 513	SBTC0075L 513	SBTC0075L 514	SBTC0075L 517	SBTC0075R 001	SBTC0075R 002	SBTC0075R 008	SBTC0075R 008	SBTC0075R 010	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013	SBTC0075R 014	SBTC0075R 018
	Sample	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 513D 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 517S 021014S005	SBTC0075R 01S 091211S004	SBTC0075R 02S 091211S005	SBTC0075R 008S 091211S010	SBTC0075R008S091211S010-split	SBTC0075R 010S 091211S010	SBTC0075R 011S 091211S005	SBTC0075R 012S 091211S006	SBTC0075R 013S 091311S010	SBTC0075R 014S 091211S006	SBTC0075R 018S 091311S013
	Depth	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.4 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	0 - 0.6 ft	0 - 1 ft	0.1 - 0.6 ft	0 - 1.3 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 260	< 1400	< 250	< 250	< 250	< 250	< 850
Naphthalene	ug/kg	< 570	< 760	< 820	< 1100	---	< 330	< 530	< 860	< 1300	< 4700	< 800	< 620	< 330	< 390	< 2800
n-Butylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
n-Propylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
o-Xylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
p-Isopropyl toluene (p-Cymene)	ug/kg	< 170	< 230	< 250	**1600**	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
sec-Butylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Styrene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 320	---	< 250	< 250	< 260	< 1300	< 1400	< 250	< 250	< 250	< 250	< 850
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 13000	< 4700	< 2500	< 2500	< 2500	< 2500	< 2800
t-Butylbenzene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Tetrachloroethylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1100	---	< 1000	< 1000	< 1000	< 1300	< 4700	< 1000	< 1000	< 1000	< 1000	< 2800
Toluene	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
trans-1,2-Dichloroethylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Trichloroethylene	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Trichlorofluoromethane	ug/kg	< 170	< 230	< 250	< 320	---	< 100	< 160	< 260	< 260	< 1400	< 240	< 190	< 100	< 120	< 850
Vinyl chloride	ug/kg	< 170	< 230	< 250	< 320	---	< 69	< 160	< 260	< 260	< 1400	< 240	< 190	< 67	< 120	< 850
Xylenes	ug/kg	< 340	< 450	< 490	< 640	---	< 140	< 320	< 510	---	< 2800	< 480	< 370	< 130	< 240	< 1700

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 9:05 AM	9/13/2011 8:59 AM	9/13/2011 9:20 AM	9/13/2011 2:25 PM	9/13/2011 2:25 PM	9/13/2011 2:50 PM	9/13/2011 12:50 PM	9/15/2011 1:45 PM	9/15/2011 2:25 PM	9/15/2011 3:15 PM	9/15/2011 4:45 PM	9/15/2011 4:45 PM	9/21/2011 9:45 AM	9/21/2011 9:47 AM
	Location	SBTC0075R 019	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024	SBTC0075R 024	SBTC0075R 025	SBTC0075R 026	SBTC0075R 037	SBTC0075R 038	SBTC0075R 040	SBTC0075R 044	SBTC0075R 044	SBTC0075R 044A	SBTC0075R 044A
	Sample	SBTC0075R 019S 091311S010	SBTC0075R 021S 091311S006	SBTC0075R 022S 091311S009	SBTC0075R 023S 091311S010	SBTC0075R 024S 091311S010	SBTC0075R02 4S091311S01 0-split	SBTC0075R 025S 091311S010	SBTC0075R 026S 091311S009	SBTC0075R 037S 091511S010	SBTC0075R 038S 091511S012	SBTC0075R 040S 091511S008	SBTC0075R 044S 091511S010	SBTC0075R04 4S091511S01 0-split	SBTC0075R 044AS 092111S006	SBTC0075R 044AS 092111S018
	Depth	0 - 1 ft	0 - 0.6 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1.25 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	1.2 - 1.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	**19**	---	---	---	---	---	---	**23**	---	---
Barium	mg/kg	---	---	---	---	---	**95**	---	---	---	---	---	---	**150**	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.51	< 0.50	< 0.50	**0.34**	< 0.50	< 0.57	< 0.69	< 0.78	< 0.50	< 0.50	**0.23**	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	**0.59**	---	---	---	---	---	---	**0.73**	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	**8.8**	---	---	---	---	---	---	**6.1**	---	---
Copper	mg/kg	---	---	---	---	---	**27**	---	---	---	---	---	---	**42**	---	---
Iron	mg/kg	---	---	---	---	---	**21000**	---	---	---	---	---	---	**29000**	---	---
Lead	mg/kg	---	---	---	---	---	**19**	---	---	---	---	---	---	**14**	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	< 0.13	---	---	---	---	---	---	< 0.15	---	---
Molybdenum	mg/kg	**1.9**	**1.8**	< 1.0	**1.8**	< 1.0	**3**	**1.5**	**1.4**	**2.4**	**2.8**	**2.6**	**4.8**	**7.1**	**6.7**	**53**
Nickel	mg/kg	**13**	**9.0**	**5.4**	**12**	**5.9**	**9.7**	**12**	**8.5**	**14**	**6.4**	**10**	**5.9**	**8.4**	**7.3**	**16**
Selenium	mg/kg	---	---	---	---	---	**1.4**	---	---	---	---	---	---	**2.0**	---	---
Silver	mg/kg	---	---	---	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**19**	**14**	**8.9**	**21**	**7.7**	**13**	**20**	**14**	**26**	**7.6**	**14**	**7.1**	**9.4**	**8.8**	**17**
Zinc	mg/kg	---	---	---	---	---	**43**	---	---	---	---	---	---	**27**	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1300	< 330	< 330	< 350	< 380	< 330	< 330	< 1200	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 990	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 9:05 AM	9/13/2011 8:59 AM	9/13/2011 9:20 AM	9/13/2011 2:25 PM	9/13/2011 2:25 PM	9/13/2011 2:50 PM	9/13/2011 12:50 PM	9/15/2011 1:45 PM	9/15/2011 2:25 PM	9/15/2011 3:15 PM	9/15/2011 4:45 PM	9/15/2011 4:45 PM	9/21/2011 9:45 AM	9/21/2011 9:47 AM
	Location	SBTC0075R 019	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024	SBTC0075R 024	SBTC0075R 025	SBTC0075R 026	SBTC0075R 037	SBTC0075R 038	SBTC0075R 040	SBTC0075R 044	SBTC0075R 044	SBTC0075R 044A	SBTC0075R 044A
	Sample	SBTC0075R 019S 091311S010	SBTC0075R 021S 091311S006	SBTC0075R 022S 091311S009	SBTC0075R 023S 091311S010	SBTC0075R 024S 091311S010	SBTC0075R02 4S091311S01 0-split	SBTC0075R 025S 091311S010	SBTC0075R 026S 091311S009	SBTC0075R 037S 091511S010	SBTC0075R 038S 091511S012	SBTC0075R 040S 091511S008	SBTC0075R 044S 091511S010	SBTC0075R04 4S091511S01 0-split	SBTC0075R 044AS 092111S006	SBTC0075R 044AS 092111S018
	Depth	0 - 1 ft	0 - 0.6 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1.25 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	1.2 - 1.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 520	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330
Solids																
Moisture	%	**59**	**40**	**63**	**47**	**62**	---	**19**	**67**	**77**	**80**	**33**	**50**	---	**56**	**61**
Solids	%	---	---	---	---	---	**38.8**	---	---	---	---	---	---	**40.3**	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**8.5**	**8.4**	**13**	**11**	**8.4**	---	< 4.0	**23**	**12**	**13**	**4.1**	**16**	---	**15**	**9.4**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	< 64000	---	---	---	---	---	---	< 62000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.4	< 4.9	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	< 21000	---	---	---	---	---	---	< 20000	---	---
Oil Range Organics (C20-C34)	mg/kg	**22**	**33**	**32**	**39**	**19**	---	**10**	**120**	**14**	**24**	**6.9**	**74**	---	**61**	**36**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	**770000**	---	---	---	---	---	---	**790000**	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,1,1-Trichloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,1,2,2-Tetrachloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,1,2-Trichloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,1-Dichloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,1-Dichloroethylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,2,3-Trichlorobenzene	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
1,2,3-Trichloropropane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,2,3-Trimethylbenzene	ug/kg	< 280	< 250	< 360	< 250	< 340	< 210	< 250	< 460	< 250	< 250	< 250	< 250	< 200	< 250	< 310
1,2,4-Trichlorobenzene	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
1,2,4-Trimethylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,2-Dichlorobenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,2-Dichloroethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,2-Dichloropropane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,3,5-Trimethylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,3-Dichlorobenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
1,3-Dichloropropene, cis	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,3-Dichloropropene, trans	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
1,4-Dichloro-2-butene, trans	ug/kg	< 280	< 120	< 360	< 160	< 340	< 1000	< 54	< 460	< 130	< 150	< 88	< 180	< 1000	< 240	< 310
1,4-Dichlorobenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
2-Butanone (MEK)	ug/kg	< 930	< 750	< 1200	< 750	< 1100	< 1000	< 750	< 1500	< 750	< 750	< 750	< 750	< 1000	< 810	< 1000

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 9:05 AM	9/13/2011 8:59 AM	9/13/2011 9:20 AM	9/13/2011 2:25 PM	9/13/2011 2:25 PM	9/13/2011 2:50 PM	9/13/2011 12:50 PM	9/15/2011 1:45 PM	9/15/2011 2:25 PM	9/15/2011 3:15 PM	9/15/2011 4:45 PM	9/15/2011 4:45 PM	9/21/2011 9:45 AM	9/21/2011 9:47 AM
	Location	SBTC0075R 019	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024	SBTC0075R 024	SBTC0075R 025	SBTC0075R 026	SBTC0075R 037	SBTC0075R 038	SBTC0075R 040	SBTC0075R 044	SBTC0075R 044	SBTC0075R 044A	SBTC0075R 044A
	Sample	SBTC0075R 019S 091311S010	SBTC0075R 021S 091311S006	SBTC0075R 022S 091311S009	SBTC0075R 023S 091311S010	SBTC0075R 024S 091311S010	SBTC0075R02 4S091311S01 0-split	SBTC0075R 025S 091311S010	SBTC0075R 026S 091311S009	SBTC0075R 037S 091511S010	SBTC0075R 038S 091511S012	SBTC0075R 040S 091511S008	SBTC0075R 044S 091511S010	SBTC0075R04 4S091511S01 0-split	SBTC0075R 044AS 092111S006	SBTC0075R 044AS 092111S018
	Depth	0 - 1 ft	0 - 0.6 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1.25 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	1.2 - 1.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 930	< 390	< 1200	< 530	< 1100	< 1000	< 330	< 1500	< 450	< 500	< 330	< 600	< 1000	< 810	< 1000
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500
Acetone	ug/kg	< 2300	**1100**	< 3000	< 1400	< 2800	< 4100	< 1000	< 3800	< 1100	< 1300	< 1000	< 1500	< 4100	< 2000	< 2600
Acrylonitrile	ug/kg	< 280	< 120	< 360	< 160	< 340	< 1000	< 100	< 460	< 130	< 150	< 100	< 180	< 1000	< 240	< 310
Benzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Bromobenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Bromochloromethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Bromodichloromethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Bromoform	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Bromomethane	ug/kg	< 280	< 200	< 360	< 200	< 340	< 830	< 200	< 460	< 200	< 200	< 200	< 200	< 810	< 240	< 310
Carbon disulfide	ug/kg	< 280	< 250	< 360	< 250	< 340	< 210	< 250	< 460	< 250	< 250	< 250	< 250	< 200	< 250	< 310
Carbon tetrachloride	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Chlorobenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Chloroethane	ug/kg	< 930	< 390	< 1200	< 530	< 1100	< 1000	< 250	< 1500	< 450	< 500	< 290	< 600	< 1000	< 810	< 1000
Chloroform	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Chloromethane	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
cis-1,2-Dichloroethylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 1000	< 500	< 500	< 500	< 500	< 500	< 500	< 1000	< 500	< 500
Dibromochloromethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Dibromochloropropane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 1000	< 54	< 460	< 130	< 150	< 88	< 180	< 1000	< 240	< 310
Dibromomethane	ug/kg	< 280	< 250	< 360	< 250	< 340	< 210	< 250	< 460	< 250	< 250	< 250	< 250	< 200	< 250	< 310
Dichlorodifluoromethane	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
Diethyl ether	ug/kg	< 280	< 200	< 360	< 200	< 340	< 830	< 200	< 460	< 200	< 200	< 200	< 200	< 810	< 240	< 310
Di-isopropyl ether (DIPE)	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
Ethylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Ethylene dibromide	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
Hexachloroethane	ug/kg	< 300	< 300	< 360	< 300	< 340	< 1000	< 300	< 460	< 300	< 300	< 300	< 300	< 1000	< 300	< 310
Isopropyl benzene	ug/kg	< 280	< 250	< 360	< 250	< 340	< 210	< 250	< 460	< 250	< 250	< 250	< 250	< 200	< 250	< 310
m&p-Xylene	ug/kg	< 560	< 230	< 720	< 320	< 670	< 410	< 110	< 920	< 270	< 300	< 180	< 360	< 410	< 490	< 630
Methyl Iodide	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Methylene chloride	ug/kg	< 280	< 120	< 360	< 160	< 340	< 410	< 100	< 460	< 130	< 150	< 100	< 180	< 410	< 240	< 310

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 9:05 AM	9/13/2011 8:59 AM	9/13/2011 9:20 AM	9/13/2011 2:25 PM	9/13/2011 2:25 PM	9/13/2011 2:50 PM	9/13/2011 12:50 PM	9/15/2011 1:45 PM	9/15/2011 2:25 PM	9/15/2011 3:15 PM	9/15/2011 4:45 PM	9/15/2011 4:45 PM	9/21/2011 9:45 AM	9/21/2011 9:47 AM
	Location	SBTC0075R 019	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024	SBTC0075R 024	SBTC0075R 025	SBTC0075R 026	SBTC0075R 037	SBTC0075R 038	SBTC0075R 040	SBTC0075R 044	SBTC0075R 044	SBTC0075R 044A	SBTC0075R 044A
	Sample	SBTC0075R 019S 091311S010	SBTC0075R 021S 091311S006	SBTC0075R 022S 091311S009	SBTC0075R 023S 091311S010	SBTC0075R 024S 091311S010	SBTC0075R02 4S091311S01 0-split	SBTC0075R 025S 091311S010	SBTC0075R 026S 091311S009	SBTC0075R 037S 091511S010	SBTC0075R 038S 091511S012	SBTC0075R 040S 091511S008	SBTC0075R 044S 091511S010	SBTC0075R04 4S091511S01 0-split	SBTC0075R 044AS 092111S006	SBTC0075R 044AS 092111S018
	Depth	0 - 1 ft	0 - 0.6 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1.25 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	1.2 - 1.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 280	< 250	< 360	< 250	< 340	< 210	< 250	< 460	< 250	< 250	< 250	< 250	< 200	< 250	< 310
Naphthalene	ug/kg	< 930	< 390	< 1200	< 530	< 1100	< 1000	< 330	< 1500	< 450	< 500	< 330	< 600	< 1000	< 810	< 1000
n-Butylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
n-Propylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
o-Xylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
p-Isopropyl toluene (p-Cymene)	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
sec-Butylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Styrene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
t-Amyl methyl ether (TAME)	ug/kg	< 280	< 250	< 360	< 250	< 340	< 1000	< 250	< 460	< 250	< 250	< 250	< 250	< 1000	< 250	< 310
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 10000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 10000	< 2500	< 2500
t-Butylbenzene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Tetrachloroethylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1200	< 1000	< 1100	< 1000	< 1000	< 1500	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
trans-1,2-Dichloroethylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Trichloroethylene	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Trichlorofluoromethane	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 100	< 460	< 130	< 150	< 100	< 180	< 200	< 240	< 310
Vinyl chloride	ug/kg	< 280	< 120	< 360	< 160	< 340	< 210	< 54	< 460	< 130	< 150	< 88	< 180	< 200	< 240	< 310
Xylenes	ug/kg	< 560	< 230	< 720	< 320	< 670	---	< 110	< 920	< 270	< 300	< 180	< 360	---	< 490	< 630

	Date \ Time Collected	9/21/2011 9:47 AM	9/20/2011 4:00 PM	9/15/2011 5:00 PM	9/20/2011 4:55 PM	9/20/2011 4:55 PM	9/14/2011 3:25 PM	9/14/2011 3:25 PM	9/14/2011 4:20 PM	9/14/2011 5:20 PM	9/14/2011 5:50 PM	9/14/2011 5:50 PM	9/20/2011 2:25 PM	9/15/2011 12:30 PM	9/15/2011 2:10 PM	9/21/2011 11:40 AM
	Location	SBTC0075R 044A	SBTC0075R 046A	SBTC0075R 048	SBTC0075R 052A	SBTC0075R 052A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 058	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 067	SBTC0075R 068A
	Sample	SBTC0075R044AS092111S018-split	SBTC0075R 046AS 092011S006	SBTC0075R 048S 091511S006	SBTC0075R 052AS 092011S005	SBTC0075R052AS092011S005-split	SBTC0075R 056S 091411S007	SBTC0075R 056D 091411S007	SBTC0075R 058S 091411S010	SBTC0075R 060S 091411S010	SBTC0075R 061S 091411S010	SBTC0075R061S091411S009-split	SBTC0075R 064AS 092011S010	SBTC0075R 065S 091511S010	SBTC0075R 067S 091511S002	SBTC0075R 068AS 092111S007
	Depth	1.2 - 1.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.2 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	OL	SM	OL	OL	OL	GW-GC	CL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	**180**	---	---	---	**15**	---	---	---	---	---	**39**	---	---	---	---
Barium	mg/kg	**83**	---	---	---	**42**	---	---	---	---	---	**130**	---	---	---	---
Beryllium	mg/kg	**0.40**	< 0.56	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.25**	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	**0.48**	---	---	---	**0.33**	---	---	---	---	---	**0.42**	---	---	---	---
Chromium (Total)	mg/kg	**7.6**	---	---	---	**9.3**	---	---	---	---	---	**6.2**	---	---	---	---
Copper	mg/kg	**11**	---	---	---	**12**	---	---	---	---	---	**17**	---	---	---	---
Iron	mg/kg	**84000**	---	---	---	**18000**	---	---	---	---	---	**75000**	---	---	---	---
Lead	mg/kg	**6.0**	---	---	---	**4.5**	---	---	---	---	---	**8.5**	---	---	---	---
Mercury (Total)	mg/kg	< 0.15	---	---	---	< 0.05	---	---	---	---	---	< 0.15	---	---	---	---
Molybdenum	mg/kg	**67**	**3.9**	**1.5**	**1.7**	**1.8**	**1.1**	**1.9**	**6.5**	**3.3**	**2.6**	**3.5**	**1.4**	< 1.0	**3.6**	**1.9**
Nickel	mg/kg	**19**	**8.6**	**7.3**	**6.9**	**7.9**	**9.1**	**9.3**	**8.4**	**7.2**	**7.7**	**7.4**	**8.5**	**7.2**	**15**	**8.1**
Selenium	mg/kg	**2.8**	---	---	---	**0.46**	---	---	---	---	---	**1.1**	---	---	---	---
Silver	mg/kg	< 0.1	---	---	---	< 0.1	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**14**	**13**	**11**	**7.5**	**10**	**16**	**16**	**11**	**10**	**13**	**11**	**15**	**9.8**	**25**	**11**
Zinc	mg/kg	**49**	---	---	---	**49**	---	---	---	---	---	**31**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 1300	< 330	< 330	< 330	< 780	< 330	< 330	< 330	< 330	< 330	< 1300	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 1000	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/21/2011 9:47 AM	9/20/2011 4:00 PM	9/15/2011 5:00 PM	9/20/2011 4:55 PM	9/20/2011 4:55 PM	9/14/2011 3:25 PM	9/14/2011 3:25 PM	9/14/2011 4:20 PM	9/14/2011 5:20 PM	9/14/2011 5:50 PM	9/14/2011 5:50 PM	9/20/2011 2:25 PM	9/15/2011 12:30 PM	9/15/2011 2:10 PM	9/21/2011 11:40 AM
	Location	SBTC0075R 044A	SBTC0075R 046A	SBTC0075R 048	SBTC0075R 052A	SBTC0075R 052A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 058	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 067	SBTC0075R 068A
	Sample	SBTC0075R044AS092111S018-split	SBTC0075R 046AS 092011S006	SBTC0075R 048S 091511S006	SBTC0075R 052AS 092011S005	SBTC0075R052AS092011S005-split	SBTC0075R 056S 091411S007	SBTC0075R 056D 091411S007	SBTC0075R 058S 091411S010	SBTC0075R 060S 091411S010	SBTC0075R 061S 091411S010	SBTC0075R061S091411S009-split	SBTC0075R 064AS 092011S010	SBTC0075R 065S 091511S010	SBTC0075R 067S 091511S002	SBTC0075R 068AS 092111S007
	Depth	1.2 - 1.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.2 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	OL	SM	OL	OL	OL	GW-GC	CL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Pyrene	ug/kg	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330
Solids																
Moisture	%	---	**64**	**48**	**34**	---	**66**	**47**	**58**	**64**	**58**	---	**42**	**47**	**54**	**38**
Solids	%	**39.2**	---	---	---	**64.2**	---	---	---	---	---	**37.7**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	**22**	**8.3**	**6.7**	---	**13**	**7.2**	**8.6**	**17**	**17**	---	**9.7**	**8.7**	**7.8**	**4.5**
Diesel Range Organics (C10-C20)	ug/kg	< 64000	---	---	---	< 39000	---	---	---	---	---	< 66000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	< 20000	---	---	---	< 10000	---	---	---	---	---	< 21000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	**160**	**25**	**36**	---	**39**	**28**	**39**	**62**	**45**	---	**23**	**20**	**14**	**7.5**
Oil Range Organics (C20-C34)	ug/kg	**300000**	---	---	---	< 160000	---	---	---	---	---	**1300000**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,1,1-Trichloroethane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,1,2,2-Tetrachloroethane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,1,2-Trichloroethane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,1-Dichloroethane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,1-Dichloroethylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,2,3-Trichlorobenzene	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,2,3-Trimethylbenzene	ug/kg	< 200	< 380	< 250	< 250	< 100	< 440	< 250	< 270	< 380	< 270	< 210	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,2-Dichlorobenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,2-Dichloroethane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,2-Dichloropropane	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,3,5-Trimethylbenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,3-Dichlorobenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,3-Dichloropropene, cis	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,3-Dichloropropene, trans	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
1,4-Dichloro-2-butene, trans	ug/kg	< 1000	< 380	< 160	< 92	< 520	< 440	< 160	< 270	< 380	< 270	< 1100	< 130	< 160	< 220	< 110
1,4-Dichlorobenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
2-Butanone (MEK)	ug/kg	< 1000	< 1300	< 750	< 750	< 520	< 1500	< 750	< 900	< 1300	< 900	< 1100	< 750	< 750	< 750	< 750

	Date \ Time Collected	9/21/2011 9:47 AM	9/20/2011 4:00 PM	9/15/2011 5:00 PM	9/20/2011 4:55 PM	9/20/2011 4:55 PM	9/14/2011 3:25 PM	9/14/2011 3:25 PM	9/14/2011 4:20 PM	9/14/2011 5:20 PM	9/14/2011 5:50 PM	9/14/2011 5:50 PM	9/20/2011 2:25 PM	9/15/2011 12:30 PM	9/15/2011 2:10 PM	9/21/2011 11:40 AM
	Location	SBTC0075R 044A	SBTC0075R 046A	SBTC0075R 048	SBTC0075R 052A	SBTC0075R 052A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 058	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 067	SBTC0075R 068A
	Sample	SBTC0075R044AS092111S018-split	SBTC0075R 046AS 092011S006	SBTC0075R 048S 091511S006	SBTC0075R 052AS 092011S005	SBTC0075R052AS092011S005-split	SBTC0075R 056S 091411S007	SBTC0075R 056D 091411S007	SBTC0075R 058S 091411S010	SBTC0075R 060S 091411S010	SBTC0075R 061S 091411S010	SBTC0075R061S091411S009-split	SBTC0075R 064AS 092011S010	SBTC0075R 065S 091511S010	SBTC0075R 067S 091511S002	SBTC0075R 068AS 092111S007
	Depth	1.2 - 1.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.2 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	OL	SM	OL	OL	OL	GW-GC	CL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
2-Hexanone	ug/kg	< 1000	< 2500	< 2500	< 2500	< 520	< 2500	< 2500	< 2500	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1000	< 1300	< 540	< 330	< 520	< 1500	< 520	< 900	< 1300	< 900	< 1100	< 420	< 540	< 720	< 360
4-Methyl-2-pentanone (MIBK)	ug/kg	< 1000	< 2500	< 2500	< 2500	< 520	< 2500	< 2500	< 2500	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 4100	< 3800	< 1400	< 1000	< 2100	< 3900	< 1400	< 2300	**3300**	< 2300	< 4300	< 1300	< 1300	< 1900	< 1200
Acrylonitrile	ug/kg	< 1000	< 380	< 160	< 100	< 520	< 440	< 160	< 270	< 380	< 270	< 1100	< 130	< 160	< 220	< 110
Benzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Bromobenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Bromochloromethane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Bromodichloromethane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Bromoform	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Bromomethane	ug/kg	< 820	< 380	< 200	< 200	< 420	< 440	< 200	< 270	< 380	< 270	< 860	< 200	< 200	< 220	< 200
Carbon disulfide	ug/kg	< 200	< 380	< 250	< 250	< 100	< 440	< 250	< 270	< 380	< 270	< 210	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Chlorobenzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Chloroethane	ug/kg	< 1000	< 1300	< 540	< 310	< 520	< 1500	< 520	< 900	< 1300	< 900	< 1100	< 420	< 540	< 720	< 360
Chloroform	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Chloromethane	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Cyclohexane	ug/kg	< 1000	< 500	< 500	< 500	< 520	< 500	< 500	< 500	< 500	< 500	< 1100	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Dibromochloropropane	ug/kg	< 1000	< 380	< 160	< 92	< 520	< 440	< 160	< 270	< 380	< 270	< 1100	< 130	< 160	< 220	< 110
Dibromomethane	ug/kg	< 200	< 380	< 250	< 250	< 100	< 440	< 250	< 270	< 380	< 270	< 210	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 820	< 380	< 200	< 200	< 420	< 440	< 200	< 270	< 380	< 270	< 860	< 200	< 200	< 220	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Ethylene dibromide	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 1000	< 380	< 300	< 300	< 520	< 440	< 300	< 300	< 380	< 300	< 1100	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 200	< 380	< 250	< 250	< 100	< 440	< 250	< 270	< 380	< 270	< 210	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 410	< 760	< 330	< 180	< 210	< 870	< 310	< 540	< 760	< 540	< 430	< 250	< 320	< 430	< 220
Methyl Iodide	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Methylene chloride	ug/kg	< 410	< 380	< 160	< 100	< 210	< 440	< 160	< 270	< 380	< 270	< 430	< 130	< 160	< 220	< 110

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/21/2011 9:47 AM	9/20/2011 4:00 PM	9/15/2011 5:00 PM	9/20/2011 4:55 PM	9/20/2011 4:55 PM	9/14/2011 3:25 PM	9/14/2011 3:25 PM	9/14/2011 4:20 PM	9/14/2011 5:20 PM	9/14/2011 5:50 PM	9/14/2011 5:50 PM	9/20/2011 2:25 PM	9/15/2011 12:30 PM	9/15/2011 2:10 PM	9/21/2011 11:40 AM
	Location	SBTC0075R 044A	SBTC0075R 046A	SBTC0075R 048	SBTC0075R 052A	SBTC0075R 052A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 058	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 067	SBTC0075R 068A
	Sample	SBTC0075R044AS092111S018-split	SBTC0075R 046AS 092011S006	SBTC0075R 048S 091511S006	SBTC0075R 052AS 092011S005	SBTC0075R052AS092011S005-split	SBTC0075R 056S 091411S007	SBTC0075R 056D 091411S007	SBTC0075R 058S 091411S010	SBTC0075R 060S 091411S010	SBTC0075R 061S 091411S010	SBTC0075R061S091411S009-split	SBTC0075R 064AS 092011S010	SBTC0075R 065S 091511S010	SBTC0075R 067S 091511S002	SBTC0075R 068AS 092111S007
	Depth	1.2 - 1.8 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.2 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	OL	SM	OL	OL	OL	GW-GC	CL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 200	< 380	< 250	< 250	< 100	< 440	< 250	< 270	< 380	< 270	< 210	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 1000	< 1300	< 540	< 330	< 520	< 1500	< 520	< 900	< 1300	< 900	< 1100	< 420	< 540	< 720	< 360
n-Butylbenzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
n-Propylbenzene	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
o-Xylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
p-Isopropyl toluene (p-Cymene)	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
sec-Butylbenzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Styrene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
t-Amyl methyl ether (TAME)	ug/kg	< 1000	< 380	< 250	< 250	< 520	< 440	< 250	< 270	< 380	< 270	< 1100	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 10000	< 2500	< 2500	< 2500	< 5200	< 2500	< 2500	< 2500	< 2500	< 2500	< 11000	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Tetrachloroethylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Tetrahydrofuran	ug/kg	< 1000	< 1300	< 1000	< 1000	< 520	< 1500	< 1000	< 1000	< 1300	< 1000	< 1100	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 200	**630**	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
trans-1,2-Dichloroethylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Trichloroethylene	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Trichlorofluoromethane	ug/kg	< 200	< 380	< 160	< 100	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Vinyl chloride	ug/kg	< 200	< 380	< 160	< 92	< 100	< 440	< 160	< 270	< 380	< 270	< 210	< 130	< 160	< 220	< 110
Xylenes	ug/kg	---	< 760	< 330	< 180	---	< 870	< 310	< 540	< 760	< 540	---	< 250	< 320	< 430	< 220

	Date \ Time Collected	9/15/2011 3:19 PM	9/20/2011 12:45 PM	9/20/2011 12:45 PM	9/16/2011 8:50 AM	9/16/2011 8:50 AM	9/16/2011 9:06 AM	9/16/2011 9:35 AM	9/16/2011 10:05 AM	9/16/2011 10:05 AM	9/16/2011 10:41 AM	9/16/2011 10:45 AM	9/16/2011 11:05 AM	9/16/2011 11:50 AM	9/16/2011 1:00 PM	9/16/2011 4:10 PM
	Location	SBTC0075R 069	SBTC0075R 070A	SBTC0075R 070A	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 074	SBTC0075R 074	SBTC0075R 074	SBTC0075R 075	SBTC0075R 076	SBTC0075R 076	SBTC0075R 077	SBTC0075R 078
	Sample	SBTC0075R 069S 091511S010	SBTC0075R 070AS 092011S010	SBTC0075R 070AD 092011S010	SBTC0075R 071S 091611S010	SBTC0075R 071D 091611S010	SBTC0075R 072S 091611S009	SBTC0075R 073S 091611S003	SBTC0075R 074S 091611S009	SBTC0075R074S091611S009-split	SBTC0075R 074S 091611S044	SBTC0075R 075S 091611S010	SBTC0075R 076S 091611S009	SBTC0075R 076S 091611S046	SBTC0075R 077S 091611S004	SBTC0075R 078S 091611S009
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.3 ft	0 - 0.9 ft	0 - 0.9 ft	4 - 4.4 ft	0 - 1 ft	0 - 0.9 ft	4 - 4.6 ft	0 - 0.4 ft	0 - 0.9 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	SP-SM	OL	SC	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**14**	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	**70**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.64**	**0.57**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	**0.36**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**12**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**17**	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	**21000**	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**10**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	**0.09**	---	---	---	---	---	---
Molybdenum	mg/kg	**3.8**	**4.5**	**3.7**	**4.1**	**3**	**8.8**	**5**	< 1.0	**1.6**	**1.2**	< 1.0	**1.7**	< 1.0	**3.2**	**3.9**
Nickel	mg/kg	**10**	**12**	**11**	**17**	**20**	**10**	**15**	**11**	**11**	**11**	**10**	**9.5**	**11**	**7.5**	**9.6**
Selenium	mg/kg	---	---	---	---	---	---	---	---	**0.96**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**13**	**22**	**20**	**26**	**18**	**20**	**28**	**19**	**20**	**17**	**19**	**14**	**11**	**9.6**	**16**
Zinc	mg/kg	---	---	---	---	---	---	---	---	**27**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/15/2011 3:19 PM	9/20/2011 12:45 PM	9/20/2011 12:45 PM	9/16/2011 8:50 AM	9/16/2011 8:50 AM	9/16/2011 9:06 AM	9/16/2011 9:35 AM	9/16/2011 10:05 AM	9/16/2011 10:05 AM	9/16/2011 10:41 AM	9/16/2011 10:45 AM	9/16/2011 11:05 AM	9/16/2011 11:50 AM	9/16/2011 1:00 PM	9/16/2011 4:10 PM
	Location	SBTC0075R 069	SBTC0075R 070A	SBTC0075R 070A	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 074	SBTC0075R 074	SBTC0075R 074	SBTC0075R 075	SBTC0075R 076	SBTC0075R 076	SBTC0075R 077	SBTC0075R 078
	Sample	SBTC0075R 069S 091511S010	SBTC0075R 070AS 092011S010	SBTC0075R 070AD 092011S010	SBTC0075R 071S 091611S010	SBTC0075R 071D 091611S010	SBTC0075R 072S 091611S009	SBTC0075R 073S 091611S003	SBTC0075R 074S 091611S009	SBTC0075R074S091611S009-split	SBTC0075R 074S 091611S044	SBTC0075R 075S 091611S010	SBTC0075R 076S 091611S009	SBTC0075R 076S 091611S046	SBTC0075R 077S 091611S004	SBTC0075R 078S 091611S009
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.3 ft	0 - 0.9 ft	0 - 0.9 ft	4 - 4.4 ft	0 - 1 ft	0 - 0.9 ft	4 - 4.6 ft	0 - 0.4 ft	0 - 0.9 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	SP-SM	OL	SC	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Solids																
Moisture	%	**34**	**29**	**29**	**44**	**43**	**33**	**60**	**36**	---	**15**	**30**	**24**	**12**	**41**	**30**
Solids	%	---	---	---	---	---	---	---	---	**65.4**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**13**	**4.5**	**12**	**7.1**	**6.0**	**10**	**13**	**11**	---	**6.8**	**8.4**	**5.9**	< 4.0	**23**	**19**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 38000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 10000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**65**	**36**	**80**	**21**	**25**	**37**	**44**	**47**	---	**11**	**21**	**16**	**6.8**	**140**	**130**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	**230000**	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,1,1-Trichloroethane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,1,2,2-Tetrachloroethane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,1,2-Trichloroethane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,1-Dichloroethane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,1-Dichloroethylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 100	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,2-Dichloroethane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,2-Dichloropropane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
1,3-Dichloropropene, cis	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,3-Dichloropropene, trans	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
1,4-Dichloro-2-butene, trans	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 520	< 50	< 79	< 64	< 50	< 120	< 79
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 990	< 750	< 520	< 750	< 750	< 750	< 750	< 750	< 750

	Date \ Time Collected	9/15/2011 3:19 PM	9/20/2011 12:45 PM	9/20/2011 12:45 PM	9/16/2011 8:50 AM	9/16/2011 8:50 AM	9/16/2011 9:06 AM	9/16/2011 9:35 AM	9/16/2011 10:05 AM	9/16/2011 10:05 AM	9/16/2011 10:41 AM	9/16/2011 10:45 AM	9/16/2011 11:05 AM	9/16/2011 11:50 AM	9/16/2011 1:00 PM	9/16/2011 4:10 PM
	Location	SBTC0075R 069	SBTC0075R 070A	SBTC0075R 070A	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 074	SBTC0075R 074	SBTC0075R 074	SBTC0075R 075	SBTC0075R 076	SBTC0075R 076	SBTC0075R 077	SBTC0075R 078
	Sample	SBTC0075R 069S 091511S010	SBTC0075R 070AS 092011S010	SBTC0075R 070AD 092011S010	SBTC0075R 071S 091611S010	SBTC0075R 071D 091611S010	SBTC0075R 072S 091611S009	SBTC0075R 073S 091611S003	SBTC0075R 074S 091611S009	SBTC0075R074S091611S009-split	SBTC0075R 074S 091611S044	SBTC0075R 075S 091611S010	SBTC0075R 076S 091611S009	SBTC0075R 076S 091611S046	SBTC0075R 077S 091611S004	SBTC0075R 078S 091611S009
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.3 ft	0 - 0.9 ft	0 - 0.9 ft	4 - 4.4 ft	0 - 1 ft	0 - 0.9 ft	4 - 4.6 ft	0 - 0.4 ft	0 - 0.9 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	SP-SM	OL	SC	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 520	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 460	< 440	< 330	< 990	< 330	< 520	< 330	< 330	< 330	< 330	< 410	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 520	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1600	< 1600	< 1000	< 3000	< 1200	< 2100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 520	< 100	< 100	< 100	< 100	< 120	< 100
Benzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Bromobenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 300	< 200	< 410	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 100	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Chlorobenzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Chloroethane	ug/kg	< 310	< 260	< 260	< 460	< 440	< 300	< 990	< 330	< 520	< 250	< 260	< 250	< 250	< 410	< 260
Chloroform	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 520	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Dibromochloropropane	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 520	< 49	< 79	< 64	< 43	< 120	< 79
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 100	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 300	< 200	< 410	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Ethylene dibromide	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 49	< 79	< 64	< 43	< 120	< 79
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 520	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 100	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 180	< 150	< 150	< 280	< 270	< 180	< 590	< 200	< 210	< 100	< 160	< 130	< 100	< 240	< 160
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 210	< 100	< 100	< 100	< 100	< 120	< 100

	Date \ Time Collected	9/15/2011 3:19 PM	9/20/2011 12:45 PM	9/20/2011 12:45 PM	9/16/2011 8:50 AM	9/16/2011 8:50 AM	9/16/2011 9:06 AM	9/16/2011 9:35 AM	9/16/2011 10:05 AM	9/16/2011 10:05 AM	9/16/2011 10:41 AM	9/16/2011 10:45 AM	9/16/2011 11:05 AM	9/16/2011 11:50 AM	9/16/2011 1:00 PM	9/16/2011 4:10 PM
	Location	SBTC0075R 069	SBTC0075R 070A	SBTC0075R 070A	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 074	SBTC0075R 074	SBTC0075R 074	SBTC0075R 075	SBTC0075R 076	SBTC0075R 076	SBTC0075R 077	SBTC0075R 078
	Sample	SBTC0075R 069S 091511S010	SBTC0075R 070AS 092011S010	SBTC0075R 070AD 092011S010	SBTC0075R 071S 091611S010	SBTC0075R 071D 091611S010	SBTC0075R 072S 091611S009	SBTC0075R 073S 091611S003	SBTC0075R 074S 091611S009	SBTC0075R074S091611S009-split	SBTC0075R 074S 091611S044	SBTC0075R 075S 091611S010	SBTC0075R 076S 091611S009	SBTC0075R 076S 091611S046	SBTC0075R 077S 091611S004	SBTC0075R 078S 091611S009
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.3 ft	0 - 0.9 ft	0 - 0.9 ft	4 - 4.4 ft	0 - 1 ft	0 - 0.9 ft	4 - 4.6 ft	0 - 0.4 ft	0 - 0.9 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	SP-SM	OL	SC	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 100	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 460	< 440	< 330	< 990	< 330	< 520	< 330	< 330	< 330	< 330	< 410	< 330
n-Butylbenzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
o-Xylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
sec-Butylbenzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Styrene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 5200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Tetrachloroethylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 520	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
trans-1,2-Dichloroethylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Trichloroethylene	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 50	< 79	< 64	< 50	< 120	< 79
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 140	< 130	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Vinyl chloride	ug/kg	< 92	< 77	< 77	< 140	< 130	< 89	< 300	< 100	< 100	< 49	< 79	< 64	< 43	< 120	< 79
Xylenes	ug/kg	< 180	< 150	< 150	< 280	< 270	< 180	< 590	< 200	---	< 100	< 160	< 130	< 100	< 240	< 160

	Date \ Time Collected	9/16/2011 4:55 PM	9/16/2011 5:45 PM	9/16/2011 6:10 PM	9/15/2011 6:10 PM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM
	Location	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512
	Sample	SBTC0075R 080S 091611S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091611S005	SBTC0075R082 2S091611S00 5-split	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010
	Depth	0 - 1 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL-ML	OL	OL-ML	OL	OL	SM	OL	OL-ML	OL-ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**12**	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	**63**	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.62**	< 0.50	**0.28**	< 0.50	< 0.50	< 0.52	< 0.50	< 0.50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.55
Cadmium	mg/kg	---	---	---	**0.38**	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**12**	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**25**	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	**18000**	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	**9.4**	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2.2**	**34**	**2.1**	**3.5**	**3.4**	**3.2**	**2.9**	**3.4**	**2.6**	---	**11**	**2.0**	**6.1**	**4.3**	**6.3**
Nickel	mg/kg	**8.3**	**12**	**11**	**15**	**7.9**	**10**	**9.7**	**11**	**11**	---	**7.2**	**5.0**	**8.8**	**11**	**13**
Selenium	mg/kg	---	---	---	**0.91**	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**8.6**	**19**	**13**	**15**	**9.5**	**11**	**17**	**21**	**19**	---	**9.5**	**6.9**	**11**	**15**	**19**
Zinc	mg/kg	---	---	---	**39**	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 750	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/16/2011 4:55 PM	9/16/2011 5:45 PM	9/16/2011 6:10 PM	9/15/2011 6:10 PM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM
	Location	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512
	Sample	SBTC0075R 080S 091611S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091611S005	SBTC0075R082S091611S005-split	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010
	Depth	0 - 1 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL-ML	OL	OL-ML	OL	OL	SM	OL	OL-ML	OL-ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Solids																
Moisture	%	**60**	**40**	**18**	---	**53**	**56**	**69**	**40**	**35**	---	**46**	**33**	**65**	**60**	**66**
Solids	%	---	---	---	**66.9**	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**10**	**6.4**	< 4.0	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 37000	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 9600	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**26**	**16**	**7.5**	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 150000	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,1,1-Trichloroethane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,1,2,2-Tetrachloroethane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,1,2-Trichloroethane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,1-Dichloroethane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,1-Dichloroethylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,2,3-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
1,2,3-Trichloropropane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,2,3-Trimethylbenzene	ug/kg	< 290	< 250	< 250	< 96	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
1,2,4-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
1,2,4-Trimethylbenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,2-Dichlorobenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,2-Dichloroethane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,2-Dichloropropane	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,3,5-Trimethylbenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,3-Dichlorobenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
1,3-Dichloropropene, cis	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,3-Dichloropropene, trans	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,4-Dichloro-2-butene, trans	ug/kg	< 290	< 110	< 51	< 480	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
1,4-Dichlorobenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
2-Butanone (MEK)	ug/kg	< 980	< 750	< 750	< 480	< 750	< 750	< 2200	< 750	< 750	< 750	< 750	< 750	< 1700	< 1200	< 1700

	Date \ Time Collected	9/16/2011 4:55 PM	9/16/2011 5:45 PM	9/16/2011 6:10 PM	9/15/2011 6:10 PM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM
	Location	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512
	Sample	SBTC0075R 080S 091611S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091611S005	SBTC0075R082 2S091611S00 5-split	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010
	Depth	0 - 1 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL-ML	OL	OL-ML	OL	OL	SM	OL	OL-ML	OL-ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 480	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 980	< 370	< 330	< 480	< 330	< 370	< 2200	< 440	< 330	< 330	< 630	< 330	< 1700	< 1200	< 1700
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 480	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 2500	< 1000	< 1000	< 1900	< 1000	< 1000	< 5400	< 1100	< 1000	< 1000	< 1600	< 1000	< 4200	< 3000	**6100**
Acrylonitrile	ug/kg	< 290	< 110	< 100	< 480	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Benzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Bromobenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Bromochloromethane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Bromodichloromethane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Bromoform	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Bromomethane	ug/kg	< 290	< 200	< 200	< 380	< 200	< 200	< 650	< 200	< 200	< 200	< 200	< 200	< 500	< 360	< 510
Carbon disulfide	ug/kg	< 290	< 250	< 250	< 96	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Carbon tetrachloride	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Chlorobenzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Chloroethane	ug/kg	< 980	< 370	< 250	< 480	< 260	< 370	< 2200	< 440	< 330	< 250	< 630	< 300	< 1700	< 1200	< 1700
Chloroform	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Chloromethane	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
cis-1,2-Dichloroethylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Cyclohexane	ug/kg	< 500	< 500	< 500	< 480	< 500	< 500	< 650	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 510
Dibromochloromethane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Dibromochloropropane	ug/kg	< 290	< 110	< 51	< 480	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Dibromomethane	ug/kg	< 290	< 250	< 250	< 96	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Dichlorodifluoromethane	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Diethyl ether	ug/kg	< 290	< 200	< 200	< 380	< 200	< 200	< 650	< 200	< 200	< 200	< 200	< 200	< 500	< 360	< 510
Di-isopropyl ether (DIPE)	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Ethylbenzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Ethylene dibromide	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 480	< 300	< 300	< 650	< 300	< 300	< 300	< 300	< 300	< 500	< 360	< 510
Isopropyl benzene	ug/kg	< 290	< 250	< 250	< 96	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
m&p-Xylene	ug/kg	< 590	< 220	< 100	< 190	< 150	< 220	< 1300	< 260	< 200	< 100	< 380	< 180	< 1000	< 710	< 1000
Methyl Iodide	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Methylene chloride	ug/kg	< 290	< 110	< 100	< 190	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/16/2011 4:55 PM	9/16/2011 5:45 PM	9/16/2011 6:10 PM	9/15/2011 6:10 PM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM
	Location	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512
	Sample	SBTC0075R 080S 091611S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091611S005	SBTC0075R082S091611S005-split	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010
	Depth	0 - 1 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL-ML	OL	OL-ML	OL	OL	SM	OL	OL-ML	OL-ML
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 290	< 250	< 250	< 96	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
Naphthalene	ug/kg	< 980	< 370	< 330	< 480	< 330	< 370	< 2200	< 440	< 330	< 330	< 630	< 330	< 1700	< 1200	< 1700
n-Butylbenzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
n-Propylbenzene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
o-Xylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
p-Isopropyl toluene (p-Cymene)	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
sec-Butylbenzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Styrene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
t-Amyl methyl ether (TAME)	ug/kg	< 290	< 250	< 250	< 480	< 250	< 250	< 650	< 250	< 250	< 250	< 250	< 250	< 500	< 360	< 510
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 4800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Tetrachloroethylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 480	< 1000	< 1000	< 2200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1700	< 1200	< 1700
Toluene	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
trans-1,2-Dichloroethylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Trichloroethylene	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Trichlorofluoromethane	ug/kg	< 290	< 110	< 100	< 96	< 100	< 110	< 650	< 130	< 100	< 100	< 190	< 100	< 500	< 360	< 510
Vinyl chloride	ug/kg	< 290	< 110	< 51	< 96	< 77	< 110	< 650	< 130	< 98	< 50	< 190	< 90	< 500	< 360	< 510
Xylenes	ug/kg	< 590	< 220	< 100	---	< 150	< 220	< 1300	< 260	< 200	< 100	< 380	< 180	< 1000	< 710	< 1000

	Date \ Time Collected	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	9/16/2011 8:00 AM	9/16/2011 8:21 AM	9/16/2011 8:45 AM	9/16/2011 8:45 AM	9/16/2011 9:05 AM	9/22/2011 2:20 PM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/17/2011 3:45 PM
	Location	SBTC0075R 512	SBTC0075R 513	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0100L 001	SBTC0100L 001	SBTC0100L 003	SBTC0100L 003	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 008	SBTC0100L 008	SBTC0100L 008	SBTC0100L 012
	Sample	SBTC0075R 512D 012814S010	SBTC0075R 513S 020314S005	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0100L 001S 091611S010	SBTC0100L 001S 091611S054	SBTC0100L 003S 091611S010	SBTC0100L003S091611S010-split	SBTC0100L 004S 091611S009	SBTC0100L 006AS 092211S010	SBTC0100L 008S 091611S010	SBTC0100L 008D 091611S010	SBTC0100L008S091611S010-split	SBTC0100L 012S 091711S010
	Depth	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	0 - 1 ft	4.9 - 5.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL-ML	OL	OL	OL	OL-SM	OL	CL	CL	CL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsatuated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**14**	---	---	---	---	**64**	---
Barium	mg/kg	---	---	---	---	---	---	---	---	**33**	---	---	---	---	**130**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.80**	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	**0.35**	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	< 0.2	---	---	---	---	**0.61**	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**6.2**	---	---	---	---	**8.3**	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**9.2**	---	---	---	---	**12**	---
Iron	mg/kg	---	---	---	---	---	---	---	---	**16000**	---	---	---	---	**75000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**3.8**	---	---	---	---	**17**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	< 0.05	---	---	---	---	< 0.17	---
Molybdenum	mg/kg	**5**	**2.8**	**3.5**	**4**	**1.5**	**2.4**	**26**	**2.4**	**2.5**	**4.5**	**2.2**	**6.2**	**4.2**	**2.8**	**4.1**
Nickel	mg/kg	**9.8**	**8.6**	**16**	**8.7**	**5.5**	**12**	**21**	**5.4**	**6.7**	**9.4**	**3.9**	**13**	**9.3**	**9.8**	**9.6**
Selenium	mg/kg	---	---	---	---	---	---	---	---	**0.52**	---	---	---	---	**1.2**	---
Silver	mg/kg	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**13**	**10**	**22**	**16**	**8.5**	**15**	**54**	**6.7**	**9.2**	**11**	**5.3**	**16**	**13**	**14**	**13**
Zinc	mg/kg	---	---	---	---	---	---	---	---	**20**	---	---	---	---	**49**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 330	< 1600	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 640	< 330	< 330	< 330	< 330	< 1300	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330

	Date \ Time Collected	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	9/16/2011 8:00 AM	9/16/2011 8:21 AM	9/16/2011 8:45 AM	9/16/2011 8:45 AM	9/16/2011 9:05 AM	9/22/2011 2:20 PM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/17/2011 3:45 PM
	Location	SBTC0075R 512	SBTC0075R 513	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0100L 001	SBTC0100L 001	SBTC0100L 003	SBTC0100L 003	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 008	SBTC0100L 008	SBTC0100L 008	SBTC0100L 012
	Sample	SBTC0075R 512D 012814S010	SBTC0075R 513S 020314S005	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0100L 001S 091611S010	SBTC0100L 001S 091611S054	SBTC0100L 003S 091611S010	SBTC0100L003S091611S010-split	SBTC0100L 004S 091611S009	SBTC0100L 006AS 092211S010	SBTC0100L 008S 091611S010	SBTC0100L 008D 091611S010	SBTC0100L008S091611S010-split	SBTC0100L 012S 091711S010
	Depth	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	0 - 1 ft	4.9 - 5.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL-ML	OL	OL	OL	OL-SM	OL	CL	CL	CL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsatuated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Split	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 330	< 640	< 330
Solids																
Moisture	%	**58**	**46**	**60**	**66**	**38**	**40**	**28**	**21**	---	**55**	**61**	**63**	**63**	---	**66**
Solids	%	---	---	---	---	---	---	---	---	**62.1**	---	---	---	---	**31.3**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	---	**10**	**4.7**	**7.1**	---	**16**	< 6.3	**19**	**19**	---	**20**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 40000	---	---	---	---	< 80000	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	---	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 11000	---	---	---	---	< 27000	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	---	**50**	**11**	**15**	---	**42**	**27**	**56**	**60**	---	**110**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	< 160000	---	---	---	---	< 320000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,1,1-Trichloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,1,2,2-Tetrachloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,1,2-Trichloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,1-Dichloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,1-Dichloroethylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,2,3-Trichlorobenzene	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
1,2,3-Trichloropropane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,2,3-Trimethylbenzene	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 110	< 250	< 310	< 360	< 360	< 270	< 430
1,2,4-Trichlorobenzene	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
1,2,4-Trimethylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,2-Dichlorobenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,2-Dichloroethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,2-Dichloropropane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,3,5-Trimethylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,3-Dichlorobenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,3-Dichloropropene, cis	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,3-Dichloropropene, trans	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
1,4-Dichloro-2-butene, trans	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 560	< 230	< 310	< 360	< 360	< 1300	< 430
1,4-Dichlorobenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
2-Butanone (MEK)	ug/kg	< 1100	< 750	< 1000	< 1800	< 750	< 750	< 750	< 750	< 560	< 760	< 1000	< 1200	< 1200	< 1300	< 1400

	Date \ Time Collected	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	9/16/2011 8:00 AM	9/16/2011 8:21 AM	9/16/2011 8:45 AM	9/16/2011 8:45 AM	9/16/2011 9:05 AM	9/22/2011 2:20 PM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/17/2011 3:45 PM
	Location	SBTC0075R 512	SBTC0075R 513	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0100L 001	SBTC0100L 001	SBTC0100L 003	SBTC0100L 003	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 008	SBTC0100L 008	SBTC0100L 008	SBTC0100L 012
	Sample	SBTC0075R 512D 012814S010	SBTC0075R 513S 020314S005	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0100L 001S 091611S010	SBTC0100L 001S 091611S054	SBTC0100L 003S 091611S010	SBTC0100L003S091611S010-split	SBTC0100L 004S 091611S009	SBTC0100L 006AS 092211S010	SBTC0100L 008S 091611S010	SBTC0100L 008D 091611S010	SBTC0100L008S091611S010-split	SBTC0100L 012S 091711S010
	Depth	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	0 - 1 ft	4.9 - 5.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL-ML	OL	OL	OL	OL-SM	OL	CL	CL	CL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsatuated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Split	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 560	< 2500	< 2500	< 2500	< 2500	< 1300	< 2500
2-Methylnaphthalene	ug/kg	< 1100	< 550	< 1000	< 1800	< 420	< 390	< 330	< 330	< 560	< 760	< 1000	< 1200	< 1200	< 1300	< 1400
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 560	< 2500	< 2500	< 2500	< 2500	< 1300	< 2500
Acetone	ug/kg	**3600**	< 1400	< 2600	< 4400	< 1100	< 1600	< 1000	< 1000	< 2200	< 1900	< 2600	< 3600	< 3600	< 5400	< 3600
Acrylonitrile	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 560	< 230	< 310	< 360	< 360	< 1300	< 430
Benzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Bromobenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Bromochloromethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Bromodichloromethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Bromoform	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Bromomethane	ug/kg	< 320	< 200	< 310	< 530	< 200	< 200	< 200	< 200	< 450	< 230	< 310	< 360	< 360	< 1100	< 430
Carbon disulfide	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 110	< 250	< 310	< 360	< 360	< 270	< 430
Carbon tetrachloride	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Chlorobenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Chloroethane	ug/kg	< 1100	< 550	< 1000	< 1800	< 420	< 390	< 250	< 250	< 560	< 760	< 1000	< 1200	< 1200	< 1300	< 1400
Chloroform	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Chloromethane	ug/kg	< 320	< 250	< 310	**990**	**280**	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
cis-1,2-Dichloroethylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Cyclohexane	ug/kg	< 500	< 500	< 500	< 530	< 500	< 500	< 500	< 500	< 560	< 500	< 500	< 500	< 500	< 1300	< 500
Dibromochloromethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Dibromochloropropane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 560	< 230	< 310	< 360	< 360	< 1300	< 430
Dibromomethane	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 110	< 250	< 310	< 360	< 360	< 270	< 430
Dichlorodifluoromethane	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
Diethyl ether	ug/kg	< 320	< 200	< 310	< 530	< 200	< 200	< 200	< 200	< 450	< 230	< 310	< 360	< 360	< 1100	< 430
Di-isopropyl ether (DIPE)	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
Ethylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Ethylene dibromide	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
Hexachloroethane	ug/kg	< 320	< 300	< 310	< 530	< 300	< 300	< 300	< 300	< 560	< 300	< 310	< 360	< 360	< 1300	< 430
Isopropyl benzene	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 110	< 250	< 310	< 360	< 360	< 270	< 430
m&p-Xylene	ug/kg	< 630	< 330	< 620	< 1100	< 250	< 230	< 140	< 120	< 220	< 460	< 630	< 710	< 720	< 540	< 860
Methyl Iodide	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Methylene chloride	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 220	< 230	< 310	< 360	< 360	< 540	< 430

	Date \ Time Collected	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	9/16/2011 8:00 AM	9/16/2011 8:21 AM	9/16/2011 8:45 AM	9/16/2011 8:45 AM	9/16/2011 9:05 AM	9/22/2011 2:20 PM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/16/2011 10:00 AM	9/17/2011 3:45 PM
	Location	SBTC0075R 512	SBTC0075R 513	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0100L 001	SBTC0100L 001	SBTC0100L 003	SBTC0100L 003	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 008	SBTC0100L 008	SBTC0100L 008	SBTC0100L 012
	Sample	SBTC0075R 512D 012814S010	SBTC0075R 513S 020314S005	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0100L 001S 091611S010	SBTC0100L 001S 091611S054	SBTC0100L 003S 091611S010	SBTC0100L003S091611S010-split	SBTC0100L 004S 091611S009	SBTC0100L 006AS 092211S010	SBTC0100L 008S 091611S010	SBTC0100L 008D 091611S010	SBTC0100L008S091611S010-split	SBTC0100L 012S 091711S010
	Depth	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	0 - 1 ft	4.9 - 5.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL-ML	OL	OL	OL	OL-SM	OL	CL	CL	CL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsatuated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Split	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 110	< 250	< 310	< 360	< 360	< 270	< 430
Naphthalene	ug/kg	< 1100	< 550	< 1000	< 1800	< 420	< 390	< 330	< 330	< 560	< 760	< 1000	< 1200	< 1200	< 1300	< 1400
n-Butylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
n-Propylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
o-Xylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
p-Isopropyl toluene (p-Cymene)	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	**200**	< 110	< 230	< 310	< 360	< 360	< 270	< 430
sec-Butylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Styrene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
t-Amyl methyl ether (TAME)	ug/kg	< 320	< 250	< 310	< 530	< 250	< 250	< 250	< 250	< 560	< 250	< 310	< 360	< 360	< 1300	< 430
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 5600	< 2500	< 2500	< 2500	< 2500	< 13000	< 2500
t-Butylbenzene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Tetrachloroethylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Tetrahydrofuran	ug/kg	< 1100	< 1000	< 1000	< 1800	< 1000	< 1000	< 1000	< 1000	< 560	< 1000	< 1000	< 1200	< 1200	< 1300	< 1400
Toluene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
trans-1,2-Dichloroethylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Trichloroethylene	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Trichlorofluoromethane	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 100	< 100	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Vinyl chloride	ug/kg	< 320	< 160	< 310	< 530	< 130	< 120	< 72	< 58	< 110	< 230	< 310	< 360	< 360	< 270	< 430
Xylenes	ug/kg	< 630	< 330	< 620	< 1100	< 250	< 230	< 140	< 120	---	< 460	< 630	< 710	< 720	---	< 860

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 2:00 PM	9/17/2011 5:20 PM	9/17/2011 5:20 PM	9/17/2011 5:25 PM	9/19/2011 8:45 AM	9/17/2011 11:35 AM	9/17/2011 11:35 AM	9/19/2011 8:55 AM	9/19/2011 8:55 AM	9/17/2011 1:15 PM	9/17/2011 10:20 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM
	Location	SBTC0100L 014	SBTC0100L 014	SBTC0100L 015	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 020	SBTC0100L 021	SBTC0100L 021	SBTC0100L 022	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 026
	Sample	SBTC0100L 014S 091711S010	SBTC0100L014S091711S010-SPLIT	SBTC0100L 015S 091711S010	SBTC0100L 017S 091711S010	SBTC0100L017S091711S010-SPLIT	SBTC0100L 018S 091711S010	SBTC0100L 020S 091911S010	SBTC0100L 021S 091711S010	SBTC0100L021S091711S010-split	SBTC0100L 022S 091911S010	SBTC0100L 022D 091911S010	SBTC0100L 023S 091711S007	SBTC0100L 024S 091711S010	SBTC0100L 026S 091711S010	SBTC0075L026S091711S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split
Metals																
Arsenic	mg/kg	---	**12**	---	---	**26**	---	---	---	**17**	---	---	---	---	---	**40**
Barium	mg/kg	---	**98**	---	---	**110**	---	---	---	**94**	---	---	---	---	---	**140**
Beryllium	mg/kg	< 0.50	**0.41**	< 0.50	< 0.80	**0.24**	< 0.63	< 0.50	< 0.54	**0.42**	< 0.50	< 0.50	< 0.50	< 0.58	< 0.51	**0.30**
Cadmium	mg/kg	---	**0.56**	---	---	**0.34**	---	---	---	**0.52**	---	---	---	---	---	**0.39**
Chromium (Total)	mg/kg	---	**14**	---	---	**5.2**	---	---	---	**11**	---	---	---	---	---	**8.4**
Copper	mg/kg	---	**21**	---	---	**6.7**	---	---	---	**13**	---	---	---	---	---	**11**
Iron	mg/kg	---	**18000**	---	---	**99000**	---	---	---	**37000**	---	---	---	---	---	**84000**
Lead	mg/kg	---	**17**	---	---	**4.0**	---	---	---	**14**	---	---	---	---	---	**8.8**
Mercury (Total)	mg/kg	---	< 0.12	---	---	< 0.20	---	---	---	< 0.12	---	---	---	---	---	< 0.15
Molybdenum	mg/kg	**1.9**	**2.3**	**4.4**	**6.4**	**5.3**	**2.7**	**4.2**	**1.8**	**2.5**	**3.4**	**4.5**	**2.8**	**3.5**	**2.3**	**2.7**
Nickel	mg/kg	**12**	**12**	**9.4**	**12**	**6.4**	**17**	**9.2**	**12**	**13**	**14**	**14**	**8.4**	**7.5**	**8.3**	**9.4**
Selenium	mg/kg	---	**1.1**	---	---	**1.1**	---	---	---	**1.2**	---	---	---	---	---	**0.88**
Silver	mg/kg	---	< 0.1	---	---	< 0.1	---	---	---	< 0.1	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**20**	**24**	**15**	**16**	**8.5**	**28**	**14**	**20**	**18**	**22**	**23**	**19**	**10**	**13**	**14**
Zinc	mg/kg	---	**58**	---	---	**35**	---	---	---	**59**	---	---	---	---	---	**36**
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 1000	< 330	< 330	< 1800	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 1200
Acenaphthene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Acenaphthylene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Anthracene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Benzo(a)anthracene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Benzo(a)pyrene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Benzo(b)fluoranthene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Benzo(g,h,i)perylene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Benzo(k)fluoranthene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Chrysene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Dibenzo(a,h)anthracene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Fluoranthene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Fluorene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 810	< 330	< 330	< 1500	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 970
Naphthalene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Phenanthrene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480

	Date \ Time Collected	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 2:00 PM	9/17/2011 5:20 PM	9/17/2011 5:20 PM	9/17/2011 5:25 PM	9/19/2011 8:45 AM	9/17/2011 11:35 AM	9/17/2011 11:35 AM	9/19/2011 8:55 AM	9/19/2011 8:55 AM	9/17/2011 1:15 PM	9/17/2011 10:20 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM
	Location	SBTC0100L 014	SBTC0100L 014	SBTC0100L 015	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 020	SBTC0100L 021	SBTC0100L 021	SBTC0100L 022	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 026
	Sample	SBTC0100L 014S 091711S010	SBTC0100L014S091711S010-SPLIT	SBTC0100L 015S 091711S010	SBTC0100L 017S 091711S010	SBTC0100L017S091711S010-SPLIT	SBTC0100L 018S 091711S010	SBTC0100L 020S 091911S010	SBTC0100L 021S 091711S010	SBTC0100L021S091711S010-split	SBTC0100L 022S 091911S010	SBTC0100L 022D 091911S010	SBTC0100L 023S 091711S007	SBTC0100L 024S 091711S010	SBTC0100L 026S 091711S010	SBTC0075L026S091711S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split
Pyrene	ug/kg	< 330	< 410	< 330	< 330	< 730	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 480
Solids																
Moisture	%	**63**	---	**46**	**75**	---	**69**	**60**	**57**	---	**51**	**61**	**40**	**61**	**56**	---
Solids	%	---	**49.2**	---	---	**27.5**	---	---	---	**46.8**	---	---	---	---	---	**41.4**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**15**	---	**12**	**19**	---	**22**	**15**	**5.8**	---	**13**	**13**	**13**	**8.5**	**9.2**	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 51000	---	---	< 91000	---	---	---	< 53000	---	---	---	---	---	< 60000
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 15000	---	---	< 31000	---	---	---	< 16000	---	---	---	---	---	< 19000
Oil Range Organics (C20-C34)	mg/kg	**48**	---	**44**	**41**	---	**53**	**89**	**16**	---	**63**	**56**	**63**	**29**	**34**	---
Oil Range Organics (C20-C34)	ug/kg	---	**300000**	---	---	**510000**	---	---	---	< 210000	---	---	---	---	---	< 240000
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,1,1-Trichloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,1,2,2-Tetrachloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,1,2-Trichloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,1-Dichloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,1-Dichloroethylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,2,3-Trichlorobenzene	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
1,2,3-Trichloropropane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,2,3-Trimethylbenzene	ug/kg	< 360	< 150	< 250	< 830	< 310	< 520	< 300	< 250	< 170	< 250	< 320	< 250	< 250	< 250	< 190
1,2,4-Trichlorobenzene	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
1,2,4-Trimethylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,2-Dichlorobenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,2-Dichloroethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,2-Dichloropropane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,3,5-Trimethylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,3-Dichlorobenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
1,3-Dichloropropene, cis	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,3-Dichloropropene, trans	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
1,4-Dichloro-2-butene, trans	ug/kg	< 360	< 740	< 150	< 830	< 1600	< 520	< 300	< 250	< 830	< 190	< 320	< 120	< 79	< 67	< 940
1,4-Dichlorobenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
2-Butanone (MEK)	ug/kg	< 1200	< 740	< 750	< 2800	< 1600	< 1700	< 990	< 840	< 830	< 750	< 1100	< 750	< 750	< 750	< 940

	Date \ Time Collected	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 2:00 PM	9/17/2011 5:20 PM	9/17/2011 5:20 PM	9/17/2011 5:25 PM	9/19/2011 8:45 AM	9/17/2011 11:35 AM	9/17/2011 11:35 AM	9/19/2011 8:55 AM	9/19/2011 8:55 AM	9/17/2011 1:15 PM	9/17/2011 10:20 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM
	Location	SBTC0100L 014	SBTC0100L 014	SBTC0100L 015	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 020	SBTC0100L 021	SBTC0100L 021	SBTC0100L 022	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 026
	Sample	SBTC0100L 014S 091711S010	SBTC0100L014S091711S010-SPLIT	SBTC0100L 015S 091711S010	SBTC0100L 017S 091711S010	SBTC0100L017S091711S010-SPLIT	SBTC0100L 018S 091711S010	SBTC0100L 020S 091911S010	SBTC0100L 021S 091711S010	SBTC0100L021S091711S010-split	SBTC0100L 022S 091911S010	SBTC0100L 022D 091911S010	SBTC0100L 023S 091711S007	SBTC0100L 024S 091711S010	SBTC0100L 026S 091711S010	SBTC0075L026S091711S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split
2-Hexanone	ug/kg	< 2500	< 740	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 830	< 2500	< 2500	< 2500	< 2500	< 2500	< 940
2-Methylnaphthalene	ug/kg	< 1200	< 740	< 500	< 2800	< 1600	< 1700	< 990	< 840	< 830	< 630	< 1100	< 390	< 330	< 330	< 940
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 740	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 830	< 2500	< 2500	< 2500	< 2500	< 2500	< 940
Acetone	ug/kg	< 3000	< 3000	< 1300	< 8300	< 6200	< 4300	< 2500	< 2100	< 3300	< 1600	< 2600	< 1000	< 1000	< 1000	< 3800
Acrylonitrile	ug/kg	< 360	< 740	< 150	< 830	< 1600	< 520	< 300	< 250	< 830	< 190	< 320	< 120	< 100	< 100	< 940
Benzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Bromobenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Bromochloromethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Bromodichloromethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Bromoform	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Bromomethane	ug/kg	< 360	< 590	< 200	< 830	< 1200	< 520	< 300	< 250	< 660	< 200	< 320	< 200	< 200	< 200	< 750
Carbon disulfide	ug/kg	< 360	< 150	< 250	< 830	< 310	< 520	< 300	< 250	< 170	< 250	< 320	< 250	< 250	< 250	< 190
Carbon tetrachloride	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Chlorobenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Chloroethane	ug/kg	< 1200	< 740	< 500	< 2800	< 1600	< 1700	< 990	< 840	< 830	< 630	< 1100	< 390	< 260	< 250	< 940
Chloroform	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Chloromethane	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
cis-1,2-Dichloroethylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Cyclohexane	ug/kg	< 500	< 740	< 500	< 830	< 1600	< 520	< 500	< 500	< 830	< 500	< 500	< 500	< 500	< 500	< 940
Dibromochloromethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Dibromochloropropane	ug/kg	< 360	< 740	< 150	< 830	< 1600	< 520	< 300	< 250	< 830	< 190	< 320	< 120	< 79	< 67	< 940
Dibromomethane	ug/kg	< 360	< 150	< 250	< 830	< 310	< 520	< 300	< 250	< 170	< 250	< 320	< 250	< 250	< 250	< 190
Dichlorodifluoromethane	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
Diethyl ether	ug/kg	< 360	< 590	< 200	< 830	< 1200	< 520	< 300	< 250	< 660	< 200	< 320	< 200	< 200	< 200	< 750
Di-isopropyl ether (DIPE)	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
Ethylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Ethylene dibromide	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
Hexachloroethane	ug/kg	< 360	< 740	< 300	< 830	< 1600	< 520	< 300	< 300	< 830	< 300	< 320	< 300	< 300	< 300	< 940
Isopropyl benzene	ug/kg	< 360	< 150	< 250	< 830	< 310	< 520	< 300	< 250	< 170	< 250	< 320	< 250	< 250	< 250	< 190
m&p-Xylene	ug/kg	< 710	< 300	< 300	< 1700	< 620	< 1000	< 590	< 510	< 330	< 380	< 630	< 230	< 160	< 130	< 380
Methyl Iodide	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Methylene chloride	ug/kg	< 360	< 300	< 150	< 830	< 620	< 520	< 500	< 250	< 330	< 190	< 530	< 120	< 100	< 100	< 380

	Date \ Time Collected	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 2:00 PM	9/17/2011 5:20 PM	9/17/2011 5:20 PM	9/17/2011 5:25 PM	9/19/2011 8:45 AM	9/17/2011 11:35 AM	9/17/2011 11:35 AM	9/19/2011 8:55 AM	9/19/2011 8:55 AM	9/17/2011 1:15 PM	9/17/2011 10:20 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM
	Location	SBTC0100L 014	SBTC0100L 014	SBTC0100L 015	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 020	SBTC0100L 021	SBTC0100L 021	SBTC0100L 022	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 026
	Sample	SBTC0100L 014S 091711S010	SBTC0100L014S091711S010-SPLIT	SBTC0100L 015S 091711S010	SBTC0100L 017S 091711S010	SBTC0100L017S091711S010-SPLIT	SBTC0100L 018S 091711S010	SBTC0100L 020S 091911S010	SBTC0100L 021S 091711S010	SBTC0100L021S091711S010-split	SBTC0100L 022S 091911S010	SBTC0100L 022D 091911S010	SBTC0100L 023S 091711S007	SBTC0100L 024S 091711S010	SBTC0100L 026S 091711S010	SBTC0075L026S091711S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Split
Methyl-tert-butyl ether (MTBE)	ug/kg	< 360	< 150	< 250	< 830	< 310	< 520	< 300	< 250	< 170	< 250	< 320	< 250	< 250	< 250	< 190
Naphthalene	ug/kg	< 1200	< 740	< 500	< 2800	< 1600	< 1700	< 990	< 840	< 830	< 630	< 1100	< 390	< 330	< 330	< 940
n-Butylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
n-Propylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
o-Xylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
p-Isopropyl toluene (p-Cymene)	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
sec-Butylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Styrene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
t-Amyl methyl ether (TAME)	ug/kg	< 360	< 740	< 250	< 830	< 1600	< 520	< 300	< 250	< 830	< 250	< 320	< 250	< 250	< 250	< 940
t-Butyl alcohol	ug/kg	< 2500	< 7400	< 2500	< 2800	< 16000	< 2500	< 2500	< 2500	< 8300	< 2500	< 2500	< 2500	< 2500	< 2500	< 9400
t-Butylbenzene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Tetrachloroethylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Tetrahydrofuran	ug/kg	< 1200	< 740	< 1000	< 2800	< 1600	< 1700	< 1000	< 1000	< 830	< 1000	< 1100	< 1000	< 1000	< 1000	< 940
Toluene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
trans-1,2-Dichloroethylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Trichloroethylene	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Trichlorofluoromethane	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 100	< 100	< 190
Vinyl chloride	ug/kg	< 360	< 150	< 150	< 830	< 310	< 520	< 300	< 250	< 170	< 190	< 320	< 120	< 79	< 67	< 190
Xylenes	ug/kg	< 710	---	< 300	< 1700	---	< 1000	< 590	< 510	---	< 380	< 630	< 230	< 160	< 130	---

	Date \ Time Collected	9/17/2011 12:15 PM	9/17/2011 11:25 AM	9/17/2011 11:25 AM	9/17/2011 1:05 PM	9/17/2011 3:45 PM	9/17/2011 3:00 PM	9/17/2011 3:00 PM	9/17/2011 1:43 PM	9/19/2011 8:50 AM	9/19/2011 10:44 AM	9/22/2011 3:45 PM	9/19/2011 11:15 AM	9/19/2011 2:40 PM	9/19/2011 2:40 PM	9/19/2011 4:10 PM
	Location	SBTC0100L 028	SBTC0100L 029	SBTC0100L 029	SBTC0100L 031	SBTC0100L 032	SBTC0100L 033	SBTC0100L 033	SBTC0100L 034	SBTC0100L 038	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 048	SBTC0100L 048	SBTC0100L 049
	Sample	SBTC0100L 028S 091711S010	SBTC0100L 029S 091711S010	SBTC0100L 029D 091711S010	SBTC0100L 031S 091711S003	SBTC0100L 032S 091711S006	SBTC0100L 033S 091711S010	SBTC0100L033S091711S010-SPLIT	SBTC0100L 034S 091711S004	SBTC0100L 038S 091911S009	SBTC0100L 042S 091911S005	SBTC0100L 044BS 092211S010	SBTC0100L 046S 091911S007	SBTC0100L 048S 091911S010	SBTC0100L048S091911S010-SPLIT	SBTC0100L 049S 091911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.9 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	CL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	**18**	---	---	---	---	---	---	**33**	---
Barium	mg/kg	---	---	---	---	---	---	**87**	---	---	---	---	---	---	**94**	---
Beryllium	mg/kg	< 0.50	**0.55**	**0.61**	< 0.50	< 0.62	< 0.69	**0.29**	< 0.50	< 0.50	< 0.60	< 0.53	< 0.86	< 0.88	**0.41**	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	**0.51**	---	---	---	---	---	---	**0.53**	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**8.0**	---	---	---	---	---	---	**11**	---
Copper	mg/kg	---	---	---	---	---	---	**24**	---	---	---	---	---	---	**14**	---
Iron	mg/kg	---	---	---	---	---	---	**26000**	---	---	---	---	---	---	**31000**	---
Lead	mg/kg	---	---	---	---	---	---	**8.6**	---	---	---	---	---	---	**7.4**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.12	---	---	---	---	---	---	< 0.20	---
Molybdenum	mg/kg	**1.6**	**2.5**	**2.6**	**4.4**	**2.2**	**1.7**	**4.3**	**2.9**	**4.5**	**2.9**	**1.5**	**2.3**	**2.4**	**3**	**5.7**
Nickel	mg/kg	**12**	**13**	**16**	**8.7**	**11**	**12**	**9.6**	**10**	**8.8**	**8.1**	**7.8**	**8.0**	**10**	**12**	**5.2**
Selenium	mg/kg	---	---	---	---	---	---	**1.3**	---	---	---	---	---	---	**1.5**	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**21**	**22**	**24**	**11**	**19**	**17**	**12**	**13**	**12**	**14**	**14**	**18**	**17**	**17**	**6.6**
Zinc	mg/kg	---	---	---	---	---	---	**33**	---	---	---	---	---	---	**46**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 360	< 360	< 1900	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	**360**	< 330	< 1500	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330

	Date \ Time Collected	9/17/2011 12:15 PM	9/17/2011 11:25 AM	9/17/2011 11:25 AM	9/17/2011 1:05 PM	9/17/2011 3:45 PM	9/17/2011 3:00 PM	9/17/2011 3:00 PM	9/17/2011 1:43 PM	9/19/2011 8:50 AM	9/19/2011 10:44 AM	9/22/2011 3:45 PM	9/19/2011 11:15 AM	9/19/2011 2:40 PM	9/19/2011 2:40 PM	9/19/2011 4:10 PM
	Location	SBTC0100L 028	SBTC0100L 029	SBTC0100L 029	SBTC0100L 031	SBTC0100L 032	SBTC0100L 033	SBTC0100L 033	SBTC0100L 034	SBTC0100L 038	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 048	SBTC0100L 048	SBTC0100L 049
	Sample	SBTC0100L 028S 091711S010	SBTC0100L 029S 091711S010	SBTC0100L 029D 091711S010	SBTC0100L 031S 091711S003	SBTC0100L 032S 091711S006	SBTC0100L 033S 091711S010	SBTC0100L033S091711S010-SPLIT	SBTC0100L 034S 091711S004	SBTC0100L 038S 091911S009	SBTC0100L 042S 091911S005	SBTC0100L 044BS 092211S010	SBTC0100L 046S 091911S007	SBTC0100L 048S 091911S010	SBTC0100L048S091911S010-SPLIT	SBTC0100L 049S 091911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.9 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	CL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 770	< 330
Solids																
Moisture	%	**57**	**59**	**58**	**59**	**70**	**71**	---	**43**	**57**	**68**	**70**	**78**	**78**	---	**67**
Solids	%	---	---	---	---	---	---	**41.8**	---	---	---	---	---	---	**25.9**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**8.9**	**11**	**8.7**	**17**	**12**	**13**	---	**8.9**	**10**	**16**	**24**	**35**	**17**	---	**7.5**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 60000	---	---	---	---	---	---	< 97000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.5	< 4.6	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 19000	---	---	---	---	---	---	< 33000	---
Oil Range Organics (C20-C34)	mg/kg	**28**	**22**	**20**	**64**	**34**	**49**	---	**20**	**30**	**55**	**160**	**180**	**37**	---	**18**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	**490000**	---	---	---	---	---	---	**480000**	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,1,1-Trichloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,1,2,2-Tetrachloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,1,2-Trichloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,1-Dichloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,1-Dichloroethylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2,3-Trichlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
1,2,3-Trichloropropane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2,3-Trimethylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 250	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2,4-Trichlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
1,2,4-Trimethylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2-Dichlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2-Dichloroethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,2-Dichloropropane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,3,5-Trimethylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,3-Dichlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,3-Dichloropropene, cis	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,3-Dichloropropene, trans	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
1,4-Dichloro-2-butene, trans	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 140	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
1,4-Dichlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
2-Butanone (MEK)	ug/kg	< 860	< 930	< 900	< 950	< 1900	< 2100	< 960	< 750	< 850	< 1600	< 1900	< 3800	< 3800	< 1600	< 1500

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	Location	SBTC0100L 028	SBTC0100L 029	SBTC0100L 029	SBTC0100L 031	SBTC0100L 032	SBTC0100L 033	SBTC0100L 033	SBTC0100L 034	SBTC0100L 038	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 048	SBTC0100L 048	SBTC0100L 049
	Sample	SBTC0100L 028S 091711S010	SBTC0100L 029S 091711S010	SBTC0100L 029D 091711S010	SBTC0100L 031S 091711S003	SBTC0100L 032S 091711S006	SBTC0100L 033S 091711S010	SBTC0100L033S091711S010-SPLIT	SBTC0100L 034S 091711S004	SBTC0100L 038S 091911S009	SBTC0100L 042S 091911S005	SBTC0100L 044BS 092211S010	SBTC0100L 046S 091911S007	SBTC0100L 048S 091911S010	SBTC0100L048S091911S010-SPLIT	SBTC0100L 049S 091911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.9 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	CL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 960	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1600	< 2500
2-Methylnaphthalene	ug/kg	< 860	< 930	< 900	< 950	< 1900	< 2100	< 960	< 460	< 850	< 1600	< 1900	< 3800	< 3800	< 1600	< 1500
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 960	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1600	< 2500
Acetone	ug/kg	< 2100	< 2300	< 2200	< 2400	< 4700	< 5200	< 3800	< 1200	< 2300	< 4100	< 7000	**15000**	< 11000	< 6600	< 4600
Acrylonitrile	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 140	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
Benzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Bromobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Bromochloromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Bromodichloromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Bromoform	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Bromomethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 770	< 200	< 250	< 490	< 560	< 1100	< 1100	< 1300	< 460
Carbon disulfide	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 250	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Carbon tetrachloride	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Chlorobenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Chloroethane	ug/kg	< 860	< 930	< 900	< 950	< 1900	< 2100	< 960	< 460	< 850	< 1600	< 1900	< 3800	< 3800	< 1600	< 1500
Chloroform	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Chloromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
cis-1,2-Dichloroethylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 560	< 620	< 960	< 500	< 500	< 500	< 560	< 1100	< 1100	< 1600	< 500
Dibromochloromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Dibromochloropropane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 140	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
Dibromomethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 250	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Dichlorodifluoromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
Diethyl ether	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 770	< 200	< 250	< 490	< 560	< 1100	< 1100	< 1300	< 460
Di-isopropyl ether (DIPE)	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
Ethylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Ethylene dibromide	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 560	< 620	< 960	< 300	< 300	< 490	< 560	< 1100	< 1100	< 1600	< 460
Isopropyl benzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 250	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
m&p-Xylene	ug/kg	< 510	< 560	< 540	< 570	< 1100	< 1200	< 380	< 280	< 510	< 970	< 1100	< 2300	< 2300	< 660	< 910
Methyl Iodide	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Methylene chloride	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 380	< 140	< 250	< 490	< 560	< 1100	< 1100	< 660	< 460

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 12:15 PM	9/17/2011 11:25 AM	9/17/2011 11:25 AM	9/17/2011 1:05 PM	9/17/2011 3:45 PM	9/17/2011 3:00 PM	9/17/2011 3:00 PM	9/17/2011 1:43 PM	9/19/2011 8:50 AM	9/19/2011 10:44 AM	9/22/2011 3:45 PM	9/19/2011 11:15 AM	9/19/2011 2:40 PM	9/19/2011 2:40 PM	9/19/2011 4:10 PM
	Location	SBTC0100L 028	SBTC0100L 029	SBTC0100L 029	SBTC0100L 031	SBTC0100L 032	SBTC0100L 033	SBTC0100L 033	SBTC0100L 034	SBTC0100L 038	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 048	SBTC0100L 048	SBTC0100L 049
	Sample	SBTC0100L 028S 091711S010	SBTC0100L 029S 091711S010	SBTC0100L 029D 091711S010	SBTC0100L 031S 091711S003	SBTC0100L 032S 091711S006	SBTC0100L 033S 091711S010	SBTC0100L033S091711S010-SPLIT	SBTC0100L 034S 091711S004	SBTC0100L 038S 091911S009	SBTC0100L 042S 091911S005	SBTC0100L 044BS 092211S010	SBTC0100L 046S 091911S007	SBTC0100L 048S 091911S010	SBTC0100L048S091911S010-SPLIT	SBTC0100L 049S 091911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.9 ft	0 - 0.5 ft	0 - 1 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	CL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 250	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Naphthalene	ug/kg	< 860	< 930	< 900	< 950	< 1900	< 2100	< 960	< 460	< 850	< 1600	< 1900	< 3800	< 3800	< 1600	< 1500
n-Butylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
n-Propylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
o-Xylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
p-Isopropyl toluene (p-Cymene)	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	**2100**	< 1100	< 330	< 460
sec-Butylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Styrene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
t-Amyl methyl ether (TAME)	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 960	< 250	< 250	< 490	< 560	< 1100	< 1100	< 1600	< 460
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 9600	< 2500	< 2500	< 2500	< 2500	< 3800	< 3800	< 16000	< 2500
t-Butylbenzene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Tetrachloroethylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1900	< 2100	< 960	< 1000	< 1000	< 1600	< 1900	< 3800	< 3800	< 1600	< 1500
Toluene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
trans-1,2-Dichloroethylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Trichloroethylene	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Trichlorofluoromethane	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Vinyl chloride	ug/kg	< 260	< 280	< 270	< 280	< 560	< 620	< 190	< 140	< 250	< 490	< 560	< 1100	< 1100	< 330	< 460
Xylenes	ug/kg	< 510	< 560	< 540	< 570	< 1100	< 1200	---	< 280	< 510	< 970	< 1100	< 2300	< 2300	---	< 910

	Date \ Time Collected	9/19/2011 4:15 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 4:25 PM	9/19/2011 4:25 PM	9/23/2011 10:40 AM	9/20/2011 11:25 AM	9/20/2011 10:45 AM	9/23/2011 12:25 PM	9/23/2011 12:25 PM	9/23/2011 2:15 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM
	Location	SBTC0100L 050	SBTC0100L 052	SBTC0100L 052	SBTC0100L 054	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 062	SBTC0100L 064B	SBTC0100L 064B	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068
	Sample	SBTC0100L 050S 091911S004	SBTC0100L 052S 091911S011	SBTC0100L 052D 091911S011	SBTC0100L 054S 091911S010	SBTC0100L054S091911S010-SPLIT	SBTC0100L 055S 091911S010	SBTC0100L055S091911S010-SPLIT	SBTC0100L 058BS 092311S010	SBTC0100L 060S 092011S010	SBTC0100L 062S 092011S010	SBTC0100L 064BS 092311S010	SBTC0100L064BS092311S010-split	SBTC0100L 067S 092311S006	SBTC0100L 068S 092311S007	SBTC0100L 068D 092311S007
	Depth	0 - 0.4 ft	0 - 1.1 ft	0 - 1.1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.7 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result	Split	Result	Result	Duplicate
Metals																
Arsenic	mg/kg	---	---	---	---	**29**	---	---	---	---	---	---	**11**	---	---	---
Barium	mg/kg	---	---	---	---	**120**	---	---	---	---	---	---	**98**	---	---	---
Beryllium	mg/kg	< 0.52	< 0.50	< 0.54	< 0.50	**0.49**	< 0.75	---	< 0.77	< 0.50	< 0.86	< 0.58	< 0.2	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	**1.1**	---	---	---	---	---	---	**0.30**	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**9.7**	---	---	---	---	---	---	**6.4**	---	---	---
Copper	mg/kg	---	---	---	---	**39**	---	---	---	---	---	---	**36**	---	---	---
Iron	mg/kg	---	---	---	---	**24000**	---	---	---	---	---	---	**17000**	---	---	---
Lead	mg/kg	---	---	---	---	**11**	---	---	---	---	---	---	**9.6**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.15	---	---	---	---	---	---	< 0.15	---	---	---
Molybdenum	mg/kg	**10**	**4.5**	**3.6**	**5.8**	**5**	**11**	---	**3.7**	**4.4**	< 1.7	**3.1**	**2.7**	**1.2**	**2.3**	**2.5**
Nickel	mg/kg	**10**	**11**	**8.0**	**13**	**14**	**3.4**	---	**3.8**	**9.8**	**6.9**	**8.8**	**7.2**	**8.0**	**6.4**	**6.0**
Selenium	mg/kg	---	---	---	---	**2.8**	---	---	---	---	---	---	**1.1**	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**15**	**14**	**12**	**20**	**27**	**3.8**	---	**5.2**	**15**	**13**	**15**	**11**	**11**	**8.6**	**8.9**
Zinc	mg/kg	---	---	---	---	**38**	---	---	---	---	---	---	**30**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 1300	< 370	---	< 390	< 330	< 350	< 330	< 1200	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	---	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330

	Date \ Time Collected	9/19/2011 4:15 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 4:25 PM	9/19/2011 4:25 PM	9/23/2011 10:40 AM	9/20/2011 11:25 AM	9/20/2011 10:45 AM	9/23/2011 12:25 PM	9/23/2011 12:25 PM	9/23/2011 2:15 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM
	Location	SBTC0100L 050	SBTC0100L 052	SBTC0100L 052	SBTC0100L 054	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 062	SBTC0100L 064B	SBTC0100L 064B	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068
	Sample	SBTC0100L 050S 091911S004	SBTC0100L 052S 091911S011	SBTC0100L 052D 091911S011	SBTC0100L 054S 091911S010	SBTC0100L054S091911S010-SPLIT	SBTC0100L 055S 091911S010	SBTC0100L055S091911S010-SPLIT	SBTC0100L 058BS 092311S010	SBTC0100L 060S 092011S010	SBTC0100L 062S 092011S010	SBTC0100L 064BS 092311S010	SBTC0100L064BS092311S010-split	SBTC0100L 067S 092311S006	SBTC0100L 068S 092311S007	SBTC0100L 068D 092311S007
	Depth	0 - 0.4 ft	0 - 1.1 ft	0 - 1.1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.7 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result	Split	Result	Result	Duplicate
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	---	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Solids																
Moisture	%	**65**	**66**	**65**	**61**	---	**79**	---	**80**	**55**	**78**	**68**	---	**45**	**51**	**46**
Solids	%	---	---	---	---	**39.4**	---	**100**	---	---	---	---	**41.0**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**10**	**11**	**9.7**	**11**	---	**20**	---	< 12	**9.8**	**14**	< 7.8	---	**9.3**	**7.8**	**8.9**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 63000	---	---	---	---	---	---	< 61000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.7	---	< 4.9	< 4.0	< 4.4	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 20000	---	< 5000.00	---	---	---	---	< 20000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**18**	**22**	**27**	**29**	---	**53**	---	**80**	**21**	**32**	**74**	---	**55**	**78**	**77**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	**560000**	---	---	---	---	---	---	**240000**	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,1,1-Trichloroethane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,1,2,2-Tetrachloroethane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,1,2-Trichloroethane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,1-Dichloroethane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,1-Dichloroethylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,2,3-Trichlorobenzene	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,2,3-Trimethylbenzene	ug/kg	< 410	< 250	< 250	< 250	< 200	< 1200	< 50.00	< 250	< 250	< 1100	< 250	< 200	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,2-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,2-Dichloroethane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,2-Dichloropropane	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,3,5-Trimethylbenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,3-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
1,3-Dichloropropene, cis	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,3-Dichloropropene, trans	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
1,4-Dichloro-2-butene, trans	ug/kg	< 410	< 90	< 86	< 77	< 1000	< 1200	< 250	< 150	< 230	< 1100	< 95	< 980	< 140	< 190	< 150
1,4-Dichlorobenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
2-Butanone (MEK)	ug/kg	< 1400	< 750	< 750	< 750	< 1000	< 4000	< 250.00	< 750	< 760	< 3600	< 750	< 980	< 750	< 750	< 750

	Date \ Time Collected	9/19/2011 4:15 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 4:25 PM	9/19/2011 4:25 PM	9/23/2011 10:40 AM	9/20/2011 11:25 AM	9/20/2011 10:45 AM	9/23/2011 12:25 PM	9/23/2011 12:25 PM	9/23/2011 2:15 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM
	Location	SBTC0100L 050	SBTC0100L 052	SBTC0100L 052	SBTC0100L 054	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 062	SBTC0100L 064B	SBTC0100L 064B	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068
	Sample	SBTC0100L 050S 091911S004	SBTC0100L 052S 091911S011	SBTC0100L 052D 091911S011	SBTC0100L 054S 091911S010	SBTC0100L054S091911S010-SPLIT	SBTC0100L 055S 091911S010	SBTC0100L055S091911S010-SPLIT	SBTC0100L 058BS 092311S010	SBTC0100L 060S 092011S010	SBTC0100L 062S 092011S010	SBTC0100L 064BS 092311S010	SBTC0100L064BS092311S010-split	SBTC0100L 067S 092311S006	SBTC0100L 068S 092311S007	SBTC0100L 068D 092311S007
	Depth	0 - 0.4 ft	0 - 1.1 ft	0 - 1.1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.7 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result	Split	Result	Result	Duplicate
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 250.00	< 2500	< 2500	< 2500	< 2500	< 980	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1400	< 330	< 330	< 330	< 1000	< 4000	< 250.00	< 490	< 760	< 3600	< 330	< 980	< 480	< 630	< 500
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 250.00	< 2500	< 2500	< 2500	< 2500	< 980	< 2500	< 2500	< 2500
Acetone	ug/kg	< 3400	< 1000	< 1000	< 1000	< 4000	< 10000	< 1000.00	< 1200	< 1900	< 9000	< 1000	< 3900	< 1200	< 20000	< 1200
Acrylonitrile	ug/kg	< 410	< 100	< 100	< 100	< 1000	< 1200	< 250	< 150	< 230	< 1100	< 100	< 980	< 140	< 190	< 150
Benzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Bromobenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Bromochloromethane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Bromodichloromethane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Bromoform	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Bromomethane	ug/kg	< 410	< 200	< 200	< 200	< 810	< 1200	< 200.00	< 200	< 230	< 1100	< 200	< 780	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 410	< 250	< 250	< 250	< 200	< 1200	< 50.00	< 250	< 250	< 1100	< 250	< 200	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Chlorobenzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Chloroethane	ug/kg	< 1400	< 300	< 290	< 260	< 1000	< 4000	< 250.00	< 490	< 760	< 3600	< 320	< 980	< 480	< 630	< 500
Chloroform	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Chloromethane	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 1000	< 1200	< 250.00	< 500	< 500	< 1100	< 500	< 980	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Dibromochloropropane	ug/kg	< 410	< 90	< 86	< 77	< 1000	< 1200	< 250.00	< 150	< 230	< 1100	< 95	< 980	< 140	< 190	< 150
Dibromomethane	ug/kg	< 410	< 250	< 250	< 250	< 200	< 1200	< 50.00	< 250	< 250	< 1100	< 250	< 200	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
Diethyl ether	ug/kg	< 410	< 200	< 200	< 200	< 810	< 1200	< 200.00	< 200	< 230	< 1100	< 200	< 780	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Ethylene dibromide	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 410	< 300	< 300	< 300	< 1000	< 1200	< 250.00	< 300	< 300	< 1100	< 300	< 980	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 410	< 250	< 250	< 250	< 200	< 1200	< 50.00	< 250	< 250	< 1100	< 250	< 200	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 820	< 180	< 170	< 150	< 400	< 2400	< 100.00	< 290	< 460	< 2200	< 190	< 390	< 290	< 380	< 300
Methyl Iodide	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	**310**	< 190	**310**
Methylene chloride	ug/kg	< 410	< 100	< 100	< 100	< 400	< 2400	< 100.00	< 150	< 230	< 1100	< 100	< 390	< 140	< 190	< 150

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 4:15 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 3:30 PM	9/19/2011 4:25 PM	9/19/2011 4:25 PM	9/23/2011 10:40 AM	9/20/2011 11:25 AM	9/20/2011 10:45 AM	9/23/2011 12:25 PM	9/23/2011 12:25 PM	9/23/2011 2:15 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM
	Location	SBTC0100L 050	SBTC0100L 052	SBTC0100L 052	SBTC0100L 054	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 062	SBTC0100L 064B	SBTC0100L 064B	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068
	Sample	SBTC0100L 050S 091911S004	SBTC0100L 052S 091911S011	SBTC0100L 052D 091911S011	SBTC0100L 054S 091911S010	SBTC0100L054S091911S010-SPLIT	SBTC0100L 055S 091911S010	SBTC0100L055S091911S010-SPLIT	SBTC0100L 058BS 092311S010	SBTC0100L 060S 092011S010	SBTC0100L 062S 092011S010	SBTC0100L 064BS 092311S010	SBTC0100L064BS092311S010-split	SBTC0100L 067S 092311S006	SBTC0100L 068S 092311S007	SBTC0100L 068D 092311S007
	Depth	0 - 0.4 ft	0 - 1.1 ft	0 - 1.1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.7 ft	0 - 0.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result	Split	Result	Result	Duplicate
Methyl-tert-butyl ether (MTBE)	ug/kg	< 410	< 250	< 250	< 250	< 200	< 1200	< 50.00	< 250	< 250	< 1100	< 250	< 200	< 250	< 250	< 250
Naphthalene	ug/kg	< 1400	< 330	< 330	< 330	< 1000	< 4000	< 250.00	< 490	< 760	< 3600	< 330	< 980	< 480	< 630	< 500
n-Butylbenzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
n-Propylbenzene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
o-Xylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
p-Isopropyl toluene (p-Cymene)	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
sec-Butylbenzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Styrene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
t-Amyl methyl ether (TAME)	ug/kg	< 410	< 250	< 250	< 250	< 1000	< 1200	< 250.00	< 250	< 250	< 1100	< 250	< 980	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 10000	< 4000	< 2500.00	< 2500	< 2500	< 3600	< 2500	< 9800	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Tetrachloroethylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Tetrahydrofuran	ug/kg	< 1400	< 1000	< 1000	< 1000	< 1000	< 4000	< 250.00	< 1000	< 1000	< 3600	< 1000	< 980	< 1000	< 1000	< 1000
Toluene	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
trans-1,2-Dichloroethylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Trichloroethylene	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Trichlorofluoromethane	ug/kg	< 410	< 100	< 100	< 100	< 200	< 1200	< 50.00	< 150	< 230	< 1100	< 100	< 200	< 140	< 190	< 150
Vinyl chloride	ug/kg	< 410	< 90	< 86	< 77	< 200	< 1200	< 50	< 150	< 230	< 1100	< 95	< 200	< 140	< 190	< 150
Xylenes	ug/kg	< 820	< 180	< 170	< 150	---	< 2400	---	< 290	< 460	< 2200	< 190	---	< 290	< 380	< 300

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/23/2011 3:00 PM	9/23/2011 2:35 PM	9/23/2011 2:35 PM	9/23/2011 3:40 PM	9/23/2011 3:20 PM	9/23/2011 4:35 PM	9/23/2011 4:05 PM	9/23/2011 4:20 PM	9/23/2011 5:25 PM	9/23/2011 5:25 PM	9/24/2011 8:50 AM	9/24/2011 8:50 AM	9/24/2011 2:30 PM	9/26/2011 11:40 AM
	Location	SBTC0100L 069	SBTC0100L 070	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 073	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 088	SBTC0100L 096A
	Sample	SBTC0100L 069S 092311S010	SBTC0100L 070S 092311S010	SBTC0100L070S092311S010-split	SBTC0100L 071S 092311S010	SBTC0100L 072S 092311S010	SBTC0100L 073S 092311S010	SBTC0100L 074S 092311S010	SBTC0100L 076S 092311S010	SBTC0100L 078S 092311S010	SBTC0100L078S092311S010-split	SBTC0100L 078AS 092411S010	SBTC0100L 078AD 092411S010	SBTC0100L 088S 092411S010	SBTC0100L 096AS 092611S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result
Metals															
Arsenic	mg/kg	---	---	**17**	---	---	---	---	---	---	**23**	---	---	---	---
Barium	mg/kg	---	---	**100**	---	---	---	---	---	---	**170**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.2	< 0.50	< 0.54	< 0.50	< 0.50	< 0.50	< 0.55	< 0.2	< 0.50	< 0.50	< 0.50	< 0.70
Cadmium	mg/kg	---	---	**0.50**	---	---	---	---	---	---	**0.21**	---	---	---	---
Chromium (Total)	mg/kg	---	---	**6.6**	---	---	---	---	---	---	**7.6**	---	---	---	---
Copper	mg/kg	---	---	**54**	---	---	---	---	---	---	**12**	---	---	---	---
Iron	mg/kg	---	---	**23000**	---	---	---	---	---	---	**46000**	---	---	---	---
Lead	mg/kg	---	---	**12**	---	---	---	---	---	---	**10**	---	---	---	---
Mercury (Total)	mg/kg	---	---	< 0.15	---	---	---	---	---	---	< 0.17	---	---	---	---
Molybdenum	mg/kg	**1.4**	**4.1**	**4.5**	**3.2**	**6**	< 1.0	**4**	**2**	**2.6**	**2.4**	**1.5**	**1.7**	**2**	**1.4**
Nickel	mg/kg	**6.2**	**9.3**	**8.8**	**6.4**	**11**	**3.6**	**9.4**	**8.3**	**13**	**8.2**	**3.4**	**4.6**	**8.3**	**14**
Selenium	mg/kg	---	---	**1.8**	---	---	---	---	---	---	**0.75**	---	---	---	---
Silver	mg/kg	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**8.2**	**16**	**11**	**9.5**	**15**	**5.0**	**11**	**14**	**23**	**13**	**4.7**	**5.7**	**12**	**11**
Zinc	mg/kg	---	---	**33**	---	---	---	---	---	---	**40**	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1700	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 1400	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/23/2011 3:00 PM	9/23/2011 2:35 PM	9/23/2011 2:35 PM	9/23/2011 3:40 PM	9/23/2011 3:20 PM	9/23/2011 4:35 PM	9/23/2011 4:05 PM	9/23/2011 4:20 PM	9/23/2011 5:25 PM	9/23/2011 5:25 PM	9/24/2011 8:50 AM	9/24/2011 8:50 AM	9/24/2011 2:30 PM	9/26/2011 11:40 AM
	Location	SBTC0100L 069	SBTC0100L 070	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 073	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 088	SBTC0100L 096A
	Sample	SBTC0100L 069S 092311S010	SBTC0100L 070S 092311S010	SBTC0100L070S092311S010-split	SBTC0100L 071S 092311S010	SBTC0100L 072S 092311S010	SBTC0100L 073S 092311S010	SBTC0100L 074S 092311S010	SBTC0100L 076S 092311S010	SBTC0100L 078S 092311S010	SBTC0100L078S092311S010-split	SBTC0100L 078AS 092411S010	SBTC0100L 078AD 092411S010	SBTC0100L 088S 092411S010	SBTC0100L 096AS 092611S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result
Pyrene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 330	< 330	< 330
Solids															
Moisture	%	**55**	**57**	---	**58**	**67**	**48**	**64**	**62**	**67**	---	**52**	**54**	**24**	**71**
Solids	%	---	---	**45.8**	---	---	---	---	---	---	**29.6**	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**11**	< 5.8	---	< 5.8	**11**	< 4.7	< 6.7	**6.8**	< 7.4	---	< 5.1	**8.5**	**4.8**	**8.7**
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 55000	---	---	---	---	---	---	< 84000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 17000	---	---	---	---	---	---	< 29000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**61**	**36**	---	**22**	**62**	**35**	**34**	**37**	**27**	---	**22**	**39**	**34**	**52**
Oil Range Organics (C20-C34)	ug/kg	---	---	**270000**	---	---	---	---	---	---	< 340000	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,1,1-Trichloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,1,2,2-Tetrachloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,1,2-Trichloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,1-Dichloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,1-Dichloroethylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
1,2,3-Trichloropropane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 170	< 270	< 460	< 250	< 370	< 340	< 460	< 290	< 250	< 250	< 250	< 600
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
1,2,4-Trimethylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,2-Dichlorobenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,2-Dichloroethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,2-Dichloropropane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,3,5-Trimethylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,3-Dichlorobenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
1,3-Dichloropropene, cis	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,3-Dichloropropene, trans	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
1,4-Dichloro-2-butene, trans	ug/kg	< 230	< 250	< 850	< 270	< 460	< 160	< 370	< 340	< 460	< 1400	< 200	< 220	< 65	< 600
1,4-Dichlorobenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
2-Butanone (MEK)	ug/kg	< 760	< 850	< 850	< 890	< 1500	< 750	< 1200	< 1100	< 1500	< 1400	< 750	< 750	< 750	< 2000

	Date \ Time Collected	9/23/2011 3:00 PM	9/23/2011 2:35 PM	9/23/2011 2:35 PM	9/23/2011 3:40 PM	9/23/2011 3:20 PM	9/23/2011 4:35 PM	9/23/2011 4:05 PM	9/23/2011 4:20 PM	9/23/2011 5:25 PM	9/23/2011 5:25 PM	9/24/2011 8:50 AM	9/24/2011 8:50 AM	9/24/2011 2:30 PM	9/26/2011 11:40 AM
	Location	SBTC0100L 069	SBTC0100L 070	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 073	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 088	SBTC0100L 096A
	Sample	SBTC0100L 069S 092311S010	SBTC0100L 070S 092311S010	SBTC0100L070S092311S010-split	SBTC0100L 071S 092311S010	SBTC0100L 072S 092311S010	SBTC0100L 073S 092311S010	SBTC0100L 074S 092311S010	SBTC0100L 076S 092311S010	SBTC0100L 078S 092311S010	SBTC0100L078S092311S010-split	SBTC0100L 078AS 092411S010	SBTC0100L 078AD 092411S010	SBTC0100L 088S 092411S010	SBTC0100L 096AS 092611S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 850	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 760	< 850	< 850	< 890	< 1500	< 550	< 1200	< 1100	< 1500	< 1400	< 660	< 730	< 330	< 2000
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 850	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1900	< 2100	< 3400	< 2200	< 3800	< 1400	< 3700	< 2800	< 3800	< 5800	< 1600	< 1800	< 1000	< 6000
Acrylonitrile	ug/kg	< 230	< 250	< 850	< 270	< 460	< 160	< 370	< 340	< 460	< 1400	< 200	< 220	< 100	< 600
Benzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Bromobenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Bromochloromethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Bromodichloromethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Bromoform	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Bromomethane	ug/kg	< 230	< 250	< 680	< 270	< 460	< 200	< 370	< 340	< 460	< 1200	< 200	< 220	< 200	< 600
Carbon disulfide	ug/kg	< 250	< 250	< 170	< 270	< 460	< 250	< 370	< 340	< 460	< 290	< 250	< 250	< 250	< 600
Carbon tetrachloride	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Chlorobenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Chloroethane	ug/kg	< 760	< 850	< 850	< 890	< 1500	< 550	< 1200	< 1100	< 1500	< 1400	< 660	< 730	< 250	< 2000
Chloroform	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Chloromethane	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 1000
cis-1,2-Dichloroethylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Cyclohexane	ug/kg	< 500	< 500	< 850	< 500	< 500	< 500	< 500	< 500	< 500	< 1400	< 500	< 500	< 500	< 600
Dibromochloromethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Dibromochloropropane	ug/kg	< 230	< 250	< 850	< 270	< 460	< 160	< 370	< 340	< 460	< 1400	< 200	< 220	< 65	< 600
Dibromomethane	ug/kg	< 250	< 250	< 170	< 270	< 460	< 250	< 370	< 340	< 460	< 290	< 250	< 250	< 250	< 600
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
Diethyl ether	ug/kg	< 230	< 250	< 680	< 270	< 460	< 200	< 370	< 340	< 460	< 1200	< 200	< 220	< 200	< 600
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
Ethylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Ethylene dibromide	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
Hexachloroethane	ug/kg	< 300	< 300	< 850	< 300	< 460	< 300	< 370	< 340	< 460	< 1400	< 300	< 300	< 300	< 600
Isopropyl benzene	ug/kg	< 250	< 250	< 170	< 270	< 460	< 250	< 370	< 340	< 460	< 290	< 250	< 250	< 250	< 600
m&p-Xylene	ug/kg	< 460	< 510	< 340	< 540	< 920	< 330	< 750	< 680	< 920	< 580	< 400	< 440	< 130	< 1200
Methyl Iodide	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Methylene chloride	ug/kg	< 230	< 250	< 340	< 270	< 460	**330**	< 370	< 560	< 760	< 580	< 200	< 220	< 100	< 600

	Date \ Time Collected	9/23/2011 3:00 PM	9/23/2011 2:35 PM	9/23/2011 2:35 PM	9/23/2011 3:40 PM	9/23/2011 3:20 PM	9/23/2011 4:35 PM	9/23/2011 4:05 PM	9/23/2011 4:20 PM	9/23/2011 5:25 PM	9/23/2011 5:25 PM	9/24/2011 8:50 AM	9/24/2011 8:50 AM	9/24/2011 2:30 PM	9/26/2011 11:40 AM
	Location	SBTC0100L 069	SBTC0100L 070	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 073	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 088	SBTC0100L 096A
	Sample	SBTC0100L 069S 092311S010	SBTC0100L 070S 092311S010	SBTC0100L070S092311S010-split	SBTC0100L 071S 092311S010	SBTC0100L 072S 092311S010	SBTC0100L 073S 092311S010	SBTC0100L 074S 092311S010	SBTC0100L 076S 092311S010	SBTC0100L 078S 092311S010	SBTC0100L078S092311S010-split	SBTC0100L 078AS 092411S010	SBTC0100L 078AD 092411S010	SBTC0100L 088S 092411S010	SBTC0100L 096AS 092611S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 170	< 270	< 460	< 250	< 370	< 340	< 460	< 290	< 250	< 250	< 250	< 600
Naphthalene	ug/kg	< 760	< 850	< 850	< 890	< 1500	< 550	< 1200	< 1100	< 1500	< 1400	< 660	< 730	< 330	< 2000
n-Butylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
n-Propylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
o-Xylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
p-Isopropyl toluene (p-Cymene)	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
sec-Butylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Styrene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 850	< 270	< 460	< 250	< 370	< 340	< 460	< 1400	< 250	< 250	< 250	< 600
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 8500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 14000	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Tetrachloroethylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 850	< 1000	< 1500	< 1000	< 1200	< 1100	< 1500	< 1400	< 1000	< 1000	< 1000	< 2000
Toluene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
trans-1,2-Dichloroethylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Trichloroethylene	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Trichlorofluoromethane	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 100	< 600
Vinyl chloride	ug/kg	< 230	< 250	< 170	< 270	< 460	< 160	< 370	< 340	< 460	< 290	< 200	< 220	< 65	< 600
Xylenes	ug/kg	< 460	< 510	---	< 540	< 920	< 330	< 750	< 680	< 920	---	< 400	< 440	< 130	< 1200

	Date \ Time Collected	9/26/2011 4:30 PM	9/26/2011 4:30 PM	1/22/2014 1:30 PM	1/23/2014 7:40 AM	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	1/29/2014 3:00 PM	1/30/2014 9:15 AM	2/4/2014 12:55 PM	2/11/2014 1:55 PM	9/16/2011 4:05 PM	9/16/2011 5:20 PM	9/21/2011 5:10 PM
	Location	SBTC0100L 098B	SBTC0100L 098B	SBTC0100L 502	SBTC0100L 503	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 506	SBTC0100L 509	SBTC0100L 511	SBTC0100L 515	SBTC0100R 002	SBTC0100R 004	SBTC0100R 007C
	Sample	SBTC0100L 098BS 092611S006	SBTC0100L 098BD 092611S006	SBTC0100L 502S 012214S011	SBTC0100L 503S 012314S004	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 506S 012914S008	SBTC0100L 509S 013014S019	SBTC0100L 511S 020414S006	SBTC0100L 515S 021114S005	SBTC0100R 002S 091611S010	SBTC0100R 004S 091611S010	SBTC0100R 007CS 092111S010
	Depth	0 - 0.6 ft	0 - 0.6 ft	1 - 1.1 ft	0 - 0.35 ft	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.8 ft	1.3 - 1.9 ft	0.4 - 0.6 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	ML	OL	OL	OL	OL	OL	SC/ML	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.52	< 0.50	---	< 0.50	< 0.50	< 0.59	< 0.71	< 0.52	< 0.70	---	---	< 0.50	< 0.50	< 0.72
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2**	**1.7**	---	**1**	**5.5**	**3.1**	**6.2**	**2.6**	< 1.4	---	**4.9**	**2.3**	**2.1**	**3.3**
Nickel	mg/kg	**7.9**	**7.4**	---	**12**	**14**	**5.8**	**12**	**12**	**5.7**	---	---	**15**	**28**	**10**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**12**	**11**	---	**13**	**23**	**7.9**	**16**	**12**	**8.8**	---	---	**23**	**18**	**16**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330

	Date \ Time Collected	9/26/2011 4:30 PM	9/26/2011 4:30 PM	1/22/2014 1:30 PM	1/23/2014 7:40 AM	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	1/29/2014 3:00 PM	1/30/2014 9:15 AM	2/4/2014 12:55 PM	2/11/2014 1:55 PM	9/16/2011 4:05 PM	9/16/2011 5:20 PM	9/21/2011 5:10 PM
	Location	SBTC0100L 098B	SBTC0100L 098B	SBTC0100L 502	SBTC0100L 503	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 506	SBTC0100L 509	SBTC0100L 511	SBTC0100L 515	SBTC0100R 002	SBTC0100R 004	SBTC0100R 007C
	Sample	SBTC0100L 098BS 092611S006	SBTC0100L 098BD 092611S006	SBTC0100L 502S 012214S011	SBTC0100L 503S 012314S004	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 506S 012914S008	SBTC0100L 509S 013014S019	SBTC0100L 511S 020414S006	SBTC0100L 515S 021114S005	SBTC0100R 002S 091611S010	SBTC0100R 004S 091611S010	SBTC0100R 007CS 092111S010
	Depth	0 - 0.6 ft	0 - 0.6 ft	1 - 1.1 ft	0 - 0.35 ft	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.8 ft	1.3 - 1.9 ft	0.4 - 0.6 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	ML	OL	OL	OL	OL	OL	SC/ML	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330	< 330
Solids															
Moisture	%	**60**	**61**	---	**47**	**63**	**69**	**76**	**70**	**74**	**58**	**63**	**44**	**70**	**75**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**15**	**10**	---	---	---	---	---	---	---	---	---	**9.1**	**11**	**13**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	---	---	---	---	---	---	---	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**62**	**59**	---	---	---	---	---	---	---	---	---	**28**	**35**	**18**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,1,1-Trichloroethane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,1,2,2-Tetrachloroethane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,1,2-Trichloroethane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,1-Dichloroethane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,1-Dichloroethylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,2,3-Trichlorobenzene	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
1,2,3-Trichloropropane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,2,3-Trimethylbenzene	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
1,2,4-Trichlorobenzene	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
1,2,4-Trimethylbenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,2-Dichlorobenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,2-Dichloroethane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,2-Dichloropropane	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,3,5-Trimethylbenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,3-Dichlorobenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
1,3-Dichloropropene, cis	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,3-Dichloropropene, trans	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,4-Dichloro-2-butene, trans	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
1,4-Dichlorobenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
2-Butanone (MEK)	ug/kg	< 1000	< 1100	< 750	< 750	< 750	< 750	< 3900	< 2300	< 2600	< 750	---	< 750	< 1900	< 2800

	Date \ Time Collected	9/26/2011 4:30 PM	9/26/2011 4:30 PM	1/22/2014 1:30 PM	1/23/2014 7:40 AM	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	1/29/2014 3:00 PM	1/30/2014 9:15 AM	2/4/2014 12:55 PM	2/11/2014 1:55 PM	9/16/2011 4:05 PM	9/16/2011 5:20 PM	9/21/2011 5:10 PM
	Location	SBTC0100L 098B	SBTC0100L 098B	SBTC0100L 502	SBTC0100L 503	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 506	SBTC0100L 509	SBTC0100L 511	SBTC0100L 515	SBTC0100R 002	SBTC0100R 004	SBTC0100R 007C
	Sample	SBTC0100L 098BS 092611S006	SBTC0100L 098BD 092611S006	SBTC0100L 502S 012214S011	SBTC0100L 503S 012314S004	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 506S 012914S008	SBTC0100L 509S 013014S019	SBTC0100L 511S 020414S006	SBTC0100L 515S 021114S005	SBTC0100R 002S 091611S010	SBTC0100R 004S 091611S010	SBTC0100R 007CS 092111S010
	Depth	0 - 0.6 ft	0 - 0.6 ft	1 - 1.1 ft	0 - 0.35 ft	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.8 ft	1.3 - 1.9 ft	0.4 - 0.6 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	ML	OL	OL	OL	OL	OL	SC/ML	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1000	< 1100	< 330	< 330	< 380	< 450	< 3900	< 2300	< 2600	< 330	---	< 460	< 1900	< 2800
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500
Acetone	ug/kg	< 2500	< 2600	< 1000	< 1000	< 1000	< 1100	< 9800	< 5600	< 6400	< 1000	---	**1600**	< 4600	< 7100
Acrylonitrile	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Benzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Bromobenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Bromochloromethane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Bromodichloromethane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Bromoform	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Bromomethane	ug/kg	< 300	< 320	< 200	< 200	< 200	< 200	< 1200	< 680	< 770	< 200	---	< 200	< 560	< 850
Carbon disulfide	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Carbon tetrachloride	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Chlorobenzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Chloroethane	ug/kg	< 1000	< 1100	< 250	< 250	< 380	< 450	< 3900	< 2300	< 2600	< 320	---	< 460	< 1900	< 2800
Chloroform	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Chloromethane	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
cis-1,2-Dichloroethylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 1200	< 680	< 770	< 500	---	< 500	< 560	< 850
Dibromochloromethane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Dibromochloropropane	ug/kg	< 300	< 320	< 49	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Dibromomethane	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Dichlorodifluoromethane	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Diethyl ether	ug/kg	< 300	< 320	< 200	< 200	< 200	< 200	< 1200	< 680	< 770	< 200	---	< 200	< 560	< 850
Di-isopropyl ether (DIPE)	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Ethylbenzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Ethylene dibromide	ug/kg	< 300	< 320	< 49	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Hexachloroethane	ug/kg	< 300	< 320	< 300	< 300	< 300	< 300	< 1200	< 680	< 770	< 300	---	< 300	< 560	< 850
Isopropyl benzene	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
m&p-Xylene	ug/kg	< 600	< 630	< 100	< 140	< 230	< 270	< 2300	< 1400	< 1500	< 190	---	< 280	< 1100	< 1700
Methyl Iodide	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Methylene chloride	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850

	Date \ Time Collected	9/26/2011 4:30 PM	9/26/2011 4:30 PM	1/22/2014 1:30 PM	1/23/2014 7:40 AM	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	1/29/2014 3:00 PM	1/30/2014 9:15 AM	2/4/2014 12:55 PM	2/11/2014 1:55 PM	9/16/2011 4:05 PM	9/16/2011 5:20 PM	9/21/2011 5:10 PM
	Location	SBTC0100L 098B	SBTC0100L 098B	SBTC0100L 502	SBTC0100L 503	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 506	SBTC0100L 509	SBTC0100L 511	SBTC0100L 515	SBTC0100R 002	SBTC0100R 004	SBTC0100R 007C
	Sample	SBTC0100L 098BS 092611S006	SBTC0100L 098BD 092611S006	SBTC0100L 502S 012214S011	SBTC0100L 503S 012314S004	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 506S 012914S008	SBTC0100L 509S 013014S019	SBTC0100L 511S 020414S006	SBTC0100L 515S 021114S005	SBTC0100R 002S 091611S010	SBTC0100R 004S 091611S010	SBTC0100R 007CS 092111S010
	Depth	0 - 0.6 ft	0 - 0.6 ft	1 - 1.1 ft	0 - 0.35 ft	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.8 ft	1.3 - 1.9 ft	0.4 - 0.6 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	ML	OL	OL	OL	OL	OL	SC/ML	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
Naphthalene	ug/kg	< 1000	< 1100	< 330	< 330	< 380	< 450	< 3900	< 2300	< 2600	< 330	---	< 460	< 1900	< 2800
n-Butylbenzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
n-Propylbenzene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
o-Xylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
p-Isopropyl toluene (p-Cymene)	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
sec-Butylbenzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Styrene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
t-Amyl methyl ether (TAME)	ug/kg	< 300	< 320	< 250	< 250	< 250	< 250	< 1200	< 680	< 770	< 250	---	< 250	< 560	< 850
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3900	< 2500	< 2600	< 2500	---	< 2500	< 2500	< 2800
t-Butylbenzene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Tetrachloroethylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Tetrahydrofuran	ug/kg	< 1000	< 1100	< 1000	< 1000	< 1000	< 1000	< 3900	< 2300	< 2600	< 1000	---	< 1000	< 1900	< 2800
Toluene	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
trans-1,2-Dichloroethylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Trichloroethylene	ug/kg	< 300	< 320	< 50	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Trichlorofluoromethane	ug/kg	< 300	< 320	< 100	< 100	< 120	< 130	< 1200	< 680	< 770	< 100	---	< 140	< 560	< 850
Vinyl chloride	ug/kg	< 300	< 320	< 49	< 72	< 120	< 130	< 1200	< 680	< 770	< 95	---	< 140	< 560	< 850
Xylenes	ug/kg	< 600	< 630	< 100	< 140	< 230	< 270	< 2300	< 1400	< 1500	< 190	---	< 280	< 1100	< 1700

	Date \ Time Collected	9/17/2011 8:50 AM	9/17/2011 8:50 AM	9/19/2011 8:28 AM	9/19/2011 11:30 AM	9/19/2011 10:20 AM	9/19/2011 9:50 AM	9/19/2011 9:50 AM	9/19/2011 12:00 PM	9/19/2011 1:35 PM	9/20/2011 9:05 AM	9/20/2011 9:10 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM
	Location	SBTC0100R 011	SBTC0100R 011	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 025	SBTC0100R 029	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 031B	SBTC0100R 031B
	Sample	SBTC0100R 011S 091711S010	SBTC0100R011S091711S010-split	SBTC0100R 017S 091911S010	SBTC0100R 018S 091911S010	SBTC0100R 019S 091911S008	SBTC0100R 020S 091911S010	SBTC010R020S091911S010-SPLIT	SBTC0100R 021S 091911S010	SBTC0100R 025S 091911S004	SBTC0100R 029S 092011S010	SBTC0100R 030S 092011S010	SBTC0100R 031BS 092211S010	SBTC0100R 031BD 092211S010	SBTC0100R031BS091211S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0.6 - 1 ft	0 - 1 ft	0.6 - 1 ft
	USCS Code	CL	CL	OL	SP	OL	OL	OL	OL	OL	OL-SW	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split
Metals															
Arsenic	mg/kg	---	**19**	---	---	---	---	**17**	---	---	---	---	---	---	**19**
Barium	mg/kg	---	**150**	---	---	---	---	**110**	---	---	---	---	---	---	**230**
Beryllium	mg/kg	< 0.57	**0.46**	< 0.86	< 0.50	< 0.50	< 0.50	**0.39**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.89	< 0.97	**0.31**
Cadmium	mg/kg	---	**0.59**	---	---	---	---	**0.41**	---	---	---	---	---	---	**0.58**
Chromium (Total)	mg/kg	---	**12**	---	---	---	---	**10**	---	---	---	---	---	---	**7.8**
Copper	mg/kg	---	**11**	---	---	---	---	**9.7**	---	---	---	---	---	---	**11**
Iron	mg/kg	---	**57000**	---	---	---	---	**40000**	---	---	---	---	---	---	**22000**
Lead	mg/kg	---	**15**	---	---	---	---	**9.4**	---	---	---	---	---	---	**25**
Mercury (Total)	mg/kg	---	< 0.15	---	---	---	---	< 0.12	---	---	---	---	---	---	< 0.27
Molybdenum	mg/kg	**1.8**	**2.4**	< 1.7	**3**	**4**	**1.8**	**1.9**	**3.6**	**3.8**	**1.3**	**4.2**	< 1.8	**2.2**	**2.4**
Nickel	mg/kg	**15**	**14**	**8.3**	**11**	**8.6**	**12**	**11**	**13**	**8.9**	**6.4**	**9.1**	**24**	**4.2**	**7.2**
Selenium	mg/kg	---	**1.1**	---	---	---	---	**0.85**	---	---	---	---	---	---	**1.2**
Silver	mg/kg	---	< 0.1	---	---	---	---	< 0.1	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**25**	**20**	**15**	**16**	**12**	**16**	**17**	**24**	**14**	**8.2**	**13**	**35**	**5.5**	**11**
Zinc	mg/kg	---	**57**	---	---	---	---	**41**	---	---	---	---	---	---	**40**
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 460	< 400	< 2700
Acenaphthene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Acenaphthylene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Anthracene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Benzo(a)anthracene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Benzo(a)pyrene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Benzo(b)fluoranthene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Benzo(g,h,i)perylene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Benzo(k)fluoranthene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Chrysene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Dibenzo(a,h)anthracene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Fluoranthene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Fluorene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 930	< 330	< 330	< 330	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 2200
Naphthalene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Phenanthrene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100

	Date \ Time Collected	9/17/2011 8:50 AM	9/17/2011 8:50 AM	9/19/2011 8:28 AM	9/19/2011 11:30 AM	9/19/2011 10:20 AM	9/19/2011 9:50 AM	9/19/2011 9:50 AM	9/19/2011 12:00 PM	9/19/2011 1:35 PM	9/20/2011 9:05 AM	9/20/2011 9:10 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM
	Location	SBTC0100R 011	SBTC0100R 011	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 025	SBTC0100R 029	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 031B	SBTC0100R 031B
	Sample	SBTC0100R 011S 091711S010	SBTC0100R011S091711S010-split	SBTC0100R 017S 091911S010	SBTC0100R 018S 091911S010	SBTC0100R 019S 091911S008	SBTC0100R 020S 091911S010	SBTC010R020S091911S010-SPLIT	SBTC0100R 021S 091911S010	SBTC0100R 025S 091911S004	SBTC0100R 029S 092011S010	SBTC0100R 030S 092011S010	SBTC0100R 031BS 092211S010	SBTC0100R 031BD 092211S010	SBTC0100R031BS09211S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0.6 - 1 ft	0 - 1 ft	0.6 - 1 ft
	USCS Code	CL	CL	OL	SP	OL	OL	OL	OL	OL	OL-SW	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split
Pyrene	ug/kg	< 330	< 470	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 1100
Solids															
Moisture	%	**60**	---	**75**	**55**	**60**	**49**	---	**55**	**51**	**48**	**51**	**83**	**80**	---
Solids	%	---	**42.8**	---	---	---	---	**44.6**	---	---	---	---	---	---	**18.6**
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**11**	---	**21**	**15**	**17**	**8.4**	---	**7.6**	**14**	**13**	**13**	**16**	**14**	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 58000	---	---	---	---	< 56000	---	---	---	---	---	---	**170000**
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 5.8	< 5.1	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 18000	---	---	---	---	< 17000	---	---	---	---	---	---	< 48000
Oil Range Organics (C20-C34)	mg/kg	**30**	---	**53**	**45**	**62**	**34**	---	**18**	**100**	**200**	**90**	**110**	**79**	---
Oil Range Organics (C20-C34)	ug/kg	---	< 230000	---	---	---	---	**290000**	---	---	---	---	---	---	**680000**
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,1,1-Trichloroethane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,1,2,2-Tetrachloroethane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,1,2-Trichloroethane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,1-Dichloroethane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,1-Dichloroethylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,2,3-Trichlorobenzene	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
1,2,3-Trichloropropane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,2,3-Trimethylbenzene	ug/kg	< 250	< 180	< 850	< 250	< 300	< 250	< 170	< 250	< 250	< 250	< 250	< 1900	< 1400	< 480
1,2,4-Trichlorobenzene	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
1,2,4-Trimethylbenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,2-Dichlorobenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,2-Dichloroethane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,2-Dichloropropane	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,3,5-Trimethylbenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,3-Dichlorobenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,3-Dichloropropene, cis	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,3-Dichloropropene, trans	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
1,4-Dichloro-2-butene, trans	ug/kg	< 75	< 920	< 850	< 230	< 300	< 59	< 870	< 230	< 190	< 160	< 190	< 1900	< 1400	< 2400
1,4-Dichlorobenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
2-Butanone (MEK)	ug/kg	< 750	< 920	< 2800	< 770	< 1000	< 750	< 870	< 780	< 750	< 750	< 750	< 6300	< 4600	< 2400

	Date \ Time Collected	9/17/2011 8:50 AM	9/17/2011 8:50 AM	9/19/2011 8:28 AM	9/19/2011 11:30 AM	9/19/2011 10:20 AM	9/19/2011 9:50 AM	9/19/2011 9:50 AM	9/19/2011 12:00 PM	9/19/2011 1:35 PM	9/20/2011 9:05 AM	9/20/2011 9:10 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM
	Location	SBTC0100R 011	SBTC0100R 011	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 025	SBTC0100R 029	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 031B	SBTC0100R 031B
	Sample	SBTC0100R 011S 091711S010	SBTC0100R011S091711S010-split	SBTC0100R 017S 091911S010	SBTC0100R 018S 091911S010	SBTC0100R 019S 091911S008	SBTC0100R 020S 091911S010	SBTC010R020S091911S010-SPLIT	SBTC0100R 021S 091911S010	SBTC0100R 025S 091911S004	SBTC0100R 029S 092011S010	SBTC0100R 030S 092011S010	SBTC0100R 031BS 092211S010	SBTC0100R 031BD 092211S010	SBTC0100R031BS091211S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0.6 - 1 ft	0 - 1 ft	0.6 - 1 ft
	USCS Code	CL	CL	OL	SP	OL	OL	OL	OL	OL	OL-SW	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split
2-Hexanone	ug/kg	< 2500	< 920	< 2500	< 2500	< 2500	< 2500	< 870	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2400
2-Methylnaphthalene	ug/kg	< 330	< 920	< 2800	< 770	< 1000	< 330	< 870	< 780	< 630	< 540	< 630	< 6300	< 4600	< 2400
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 920	< 2500	< 2500	< 2500	< 2500	< 870	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2400
Acetone	ug/kg	< 1000	< 3700	< 7100	< 2100	< 2500	< 1000	< 3500	< 2300	< 1600	< 1400	< 1600	< 16000	< 11000	< 9700
Acrylonitrile	ug/kg	< 100	< 920	< 850	< 230	< 300	< 100	< 870	< 230	< 190	< 160	< 190	< 1900	< 1400	< 2400
Benzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Bromobenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Bromochloromethane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Bromodichloromethane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Bromoform	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Bromomethane	ug/kg	< 200	< 730	< 850	< 230	< 300	< 200	< 700	< 230	< 200	< 200	< 200	< 1900	< 1400	< 1900
Carbon disulfide	ug/kg	< 250	< 180	< 850	< 250	< 300	< 250	< 170	< 250	< 250	< 250	< 250	< 1900	< 1400	< 480
Carbon tetrachloride	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Chlorobenzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Chloroethane	ug/kg	< 250	< 920	< 2800	< 770	< 1000	< 250	< 870	< 780	< 630	< 540	< 630	< 6300	< 4600	< 2400
Chloroform	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Chloromethane	ug/kg	< 250	< 920	**1100**	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
cis-1,2-Dichloroethylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Cyclohexane	ug/kg	< 500	< 920	< 850	< 500	< 500	< 500	< 870	< 500	< 500	< 500	< 500	< 1900	< 1400	< 2400
Dibromochloromethane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Dibromochloropropane	ug/kg	< 75	< 920	< 850	< 230	< 300	< 59	< 870	< 230	< 190	< 160	< 190	< 1900	< 1400	< 2400
Dibromomethane	ug/kg	< 250	< 180	< 850	< 250	< 300	< 250	< 170	< 250	< 250	< 250	< 250	< 1900	< 1400	< 480
Dichlorodifluoromethane	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
Diethyl ether	ug/kg	< 200	< 730	< 850	< 230	< 300	< 200	< 700	< 230	< 200	< 200	< 200	< 1900	< 1400	< 1900
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
Ethylbenzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Ethylene dibromide	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
Hexachloroethane	ug/kg	< 300	< 920	< 850	< 300	< 300	< 300	< 870	< 300	< 300	< 300	< 300	< 1900	< 1400	< 2400
Isopropyl benzene	ug/kg	< 250	< 180	< 850	< 250	< 300	< 250	< 170	< 250	< 250	< 250	< 250	< 1900	< 1400	< 480
m&p-Xylene	ug/kg	< 150	< 370	< 1700	< 460	< 600	< 120	< 350	< 470	< 380	< 330	< 380	< 3800	< 2700	< 970
Methyl Iodide	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Methylene chloride	ug/kg	< 100	< 370	< 850	< 230	< 300	< 100	< 350	< 230	< 380	< 160	< 190	< 1900	< 1400	< 970

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 8:50 AM	9/17/2011 8:50 AM	9/19/2011 8:28 AM	9/19/2011 11:30 AM	9/19/2011 10:20 AM	9/19/2011 9:50 AM	9/19/2011 9:50 AM	9/19/2011 12:00 PM	9/19/2011 1:35 PM	9/20/2011 9:05 AM	9/20/2011 9:10 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM	9/22/2011 11:30 AM
	Location	SBTC0100R 011	SBTC0100R 011	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 025	SBTC0100R 029	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 031B	SBTC0100R 031B
	Sample	SBTC0100R 011S 091711S010	SBTC0100R011S091711S010-split	SBTC0100R 017S 091911S010	SBTC0100R 018S 091911S010	SBTC0100R 019S 091911S008	SBTC0100R 020S 091911S010	SBTC010R020S091911S010-SPLIT	SBTC0100R 021S 091911S010	SBTC0100R 025S 091911S004	SBTC0100R 029S 092011S010	SBTC0100R 030S 092011S010	SBTC0100R 031BS 092211S010	SBTC0100R 031BD 092211S010	SBTC0100R031BS091211S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0.6 - 1 ft	0 - 1 ft	0.6 - 1 ft
	USCS Code	CL	CL	OL	SP	OL	OL	OL	OL	OL	OL-SW	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 180	< 850	< 250	< 300	< 250	< 170	< 250	< 250	< 250	< 250	< 1900	< 1400	< 480
Naphthalene	ug/kg	< 330	< 920	< 2800	< 770	< 1000	< 330	< 870	< 780	< 630	< 540	< 630	< 6300	< 4600	< 2400
n-Butylbenzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
n-Propylbenzene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
o-Xylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
sec-Butylbenzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Styrene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 920	< 850	< 250	< 300	< 250	< 870	< 250	< 250	< 250	< 250	< 1900	< 1400	< 2400
t-Butyl alcohol	ug/kg	< 2500	< 9200	< 2800	< 2500	< 2500	< 2500	< 8700	< 2500	< 2500	< 2500	< 2500	< 6300	< 4600	< 24000
t-Butylbenzene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Tetrachloroethylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Tetrahydrofuran	ug/kg	< 1000	< 920	< 2800	< 1000	< 1000	< 1000	< 870	< 1000	< 1000	< 1000	< 1000	< 6300	< 4600	< 2400
Toluene	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
trans-1,2-Dichloroethylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Trichloroethylene	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Trichlorofluoromethane	ug/kg	< 100	< 180	< 850	< 230	< 300	< 100	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Vinyl chloride	ug/kg	< 75	< 180	< 850	< 230	< 300	< 59	< 170	< 230	< 190	< 160	< 190	< 1900	< 1400	< 480
Xylenes	ug/kg	< 150	---	< 1700	< 460	< 600	< 120	---	< 470	< 380	< 330	< 380	< 3800	< 2700	---

	Date \ Time Collected	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:45 AM	9/20/2011 10:45 AM	9/22/2011 2:00 PM	9/22/2011 2:00 PM	9/22/2011 1:45 PM	9/22/2011 1:45 PM	9/22/2011 2:20 PM	9/20/2011 1:40 PM	9/20/2011 1:40 PM	9/20/2011 4:15 PM	9/20/2011 3:55 PM	9/20/2011 4:20 PM
	Location	SBTC0100R 033	SBTC0100R 033	SBTC0100R 033	SBTC0100R 035	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 043	SBTC0100R 046	SBTC0100R 047	SBTC0100R 051
	Sample	SBTC0100R 033S 092011S010	SBTC0100R 033D 092011S010	SBTC0100R033S092011S010-split	SBTC0100R 035S 092011S003	SBTC0100R 035D 092011S003	SBTC0100R 037BS 092211S010	SBTC0100R037BS092211S010-split	SBTC0100R 039AS 092211S003	SBTC0100R 039AD 092211S003	SBTC0100R 041AS 092211S005	SBTC0100R 043S 092011S010	SBTC0100R043S092011S010-split	SBTC0100R 046S 092011S010	SBTC0100R 047S 092011S010	SBTC0100R 051S 092011S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Split	Result	Duplicate	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	**17**	---	---	---	**37**	---	---	---	---	**64**	---	---	---
Barium	mg/kg	---	---	**120**	---	---	---	**190**	---	---	---	---	**300**	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	**0.44**	< 0.50	< 0.50	< 0.50	**0.30**	< 0.50	< 0.50	< 0.50	< 0.50	**0.42**	< 0.50	< 1.0	< 0.57
Cadmium	mg/kg	---	---	**0.55**	---	---	---	**0.29**	---	---	---	---	**0.66**	---	---	---
Chromium (Total)	mg/kg	---	---	**11**	---	---	---	**8.9**	---	---	---	---	**11**	---	---	---
Copper	mg/kg	---	---	**20**	---	---	---	**5.3**	---	---	---	---	**12**	---	---	---
Iron	mg/kg	---	---	**29000**	---	---	---	**55000**	---	---	---	---	**89000**	---	---	---
Lead	mg/kg	---	---	**11**	---	---	---	**12**	---	---	---	---	**15**	---	---	---
Mercury (Total)	mg/kg	---	---	< 0.15	---	---	---	< 0.05	---	---	---	---	< 0.05	---	---	---
Molybdenum	mg/kg	**4.2**	**2.5**	**2.7**	**5.1**	**4.8**	**1.4**	**1.5**	**4.5**	**4.6**	**4.9**	**4.1**	**3.1**	**3.5**	**5**	**5.1**
Nickel	mg/kg	**8.1**	**8.1**	**12**	**9.3**	**11**	**8.1**	**8.1**	**7.3**	**8.0**	**7.3**	**12**	**12**	**11**	**8.0**	**14**
Selenium	mg/kg	---	---	**1.4**	---	---	---	**0.50**	---	---	---	---	**1.3**	---	---	---
Silver	mg/kg	---	---	< 0.1	---	---	---	< 0.1	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**12**	**12**	**19**	**17**	**16**	**13**	**15**	**9.4**	**12**	**9.7**	**21**	**19**	**12**	**14**	**19**
Zinc	mg/kg	---	---	**41**	---	---	---	**32**	---	---	---	---	**47**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 1400	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 650	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330

	Date \ Time Collected	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:45 AM	9/20/2011 10:45 AM	9/22/2011 2:00 PM	9/22/2011 2:00 PM	9/22/2011 1:45 PM	9/22/2011 1:45 PM	9/22/2011 2:20 PM	9/20/2011 1:40 PM	9/20/2011 1:40 PM	9/20/2011 4:15 PM	9/20/2011 3:55 PM	9/20/2011 4:20 PM
	Location	SBTC0100R 033	SBTC0100R 033	SBTC0100R 033	SBTC0100R 035	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 043	SBTC0100R 046	SBTC0100R 047	SBTC0100R 051
	Sample	SBTC0100R 033S 092011S010	SBTC0100R 033D 092011S010	SBTC0100R033S092011S010-split	SBTC0100R 035S 092011S003	SBTC0100R 035D 092011S003	SBTC0100R 037BS 092211S010	SBTC0100R037BS092211S010-split	SBTC0100R 039AS 092211S003	SBTC0100R 039AD 092211S003	SBTC0100R 041AS 092211S005	SBTC0100R 043S 092011S010	SBTC0100R043S092011S010-split	SBTC0100R 046S 092011S010	SBTC0100R 047S 092011S010	SBTC0100R 051S 092011S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Split	Result	Duplicate	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330
Solids																
Moisture	%	**62**	**52**	---	**58**	**58**	**33**	---	**51**	**55**	**52**	**55**	---	**58**	**60**	**68**
Solids	%	---	---	**37.0**	---	---	---	**61.4**	---	---	---	---	**52.0**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**13**	**7.0**	---	**17**	**21**	< 4.0	---	< 5.1	< 5.6	< 5.1	**13**	---	**9.8**	**10**	**21**
Diesel Range Organics (C10-C20)	ug/kg	---	---	**94000**	---	---	---	< 41000	---	---	---	---	< 48000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 21000	---	---	---	< 11000	---	---	---	---	< 14000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**29**	**13**	---	**67**	**81**	**39**	---	**41**	**41**	**20**	**70**	---	**42**	**36**	**66**
Oil Range Organics (C20-C34)	ug/kg	---	---	< 270000	---	---	---	< 160000	---	---	---	---	< 190000	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,1,1-Trichloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,1,2,2-Tetrachloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,1,2-Trichloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,1-Dichloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,1-Dichloroethylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,2,3-Trichlorobenzene	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
1,2,3-Trichloropropane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,2,3-Trimethylbenzene	ug/kg	< 340	< 250	< 210	< 270	< 270	< 250	< 110	< 250	< 250	< 250	< 250	< 150	< 270	< 300	< 490
1,2,4-Trichlorobenzene	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
1,2,4-Trimethylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,2-Dichlorobenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,2-Dichloroethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,2-Dichloropropane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,3,5-Trimethylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,3-Dichlorobenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,3-Dichloropropene, cis	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,3-Dichloropropene, trans	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
1,4-Dichloro-2-butene, trans	ug/kg	< 340	< 200	< 1100	< 270	< 270	< 89	< 550	< 190	< 230	< 200	< 230	< 730	< 270	< 300	< 490
1,4-Dichlorobenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
2-Butanone (MEK)	ug/kg	< 1100	< 750	< 1100	< 890	< 900	< 750	< 550	< 750	< 770	< 750	< 760	< 730	< 890	< 990	< 1600

	Date \ Time Collected	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:45 AM	9/20/2011 10:45 AM	9/22/2011 2:00 PM	9/22/2011 2:00 PM	9/22/2011 1:45 PM	9/22/2011 1:45 PM	9/22/2011 2:20 PM	9/20/2011 1:40 PM	9/20/2011 1:40 PM	9/20/2011 4:15 PM	9/20/2011 3:55 PM	9/20/2011 4:20 PM
	Location	SBTC0100R 033	SBTC0100R 033	SBTC0100R 033	SBTC0100R 035	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 043	SBTC0100R 046	SBTC0100R 047	SBTC0100R 051
	Sample	SBTC0100R 033S 092011S010	SBTC0100R 033D 092011S010	SBTC0100R033S092011S010-split	SBTC0100R 035S 092011S003	SBTC0100R 035D 092011S003	SBTC0100R 037BS 092211S010	SBTC0100R037BS092211S010-split	SBTC0100R 039AS 092211S003	SBTC0100R 039AD 092211S003	SBTC0100R 041AS 092211S005	SBTC0100R 043S 092011S010	SBTC0100R043S092011S010-split	SBTC0100R 046S 092011S010	SBTC0100R 047S 092011S010	SBTC0100R 051S 092011S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Split	Result	Duplicate	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 550	< 2500	< 2500	< 2500	< 2500	< 730	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1100	< 660	< 1100	< 890	< 900	< 330	< 550	< 630	< 770	< 660	< 760	< 730	< 890	< 990	< 1600
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 550	< 2500	< 2500	< 2500	< 2500	< 730	< 2500	< 2500	< 2500
Acetone	ug/kg	< 2800	< 1700	< 4300	< 2200	< 2200	< 1000	< 2200	< 1600	< 1900	< 1700	< 1900	< 2900	< 2200	< 2500	< 4100
Acrylonitrile	ug/kg	< 340	< 200	< 1100	< 270	< 270	< 100	< 550	< 190	< 230	< 200	< 230	< 730	< 270	< 300	< 490
Benzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Bromobenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Bromochloromethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Bromodichloromethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Bromoform	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Bromomethane	ug/kg	< 340	< 200	< 860	< 270	< 270	< 200	< 440	< 200	< 230	< 200	< 230	< 580	< 270	< 300	< 490
Carbon disulfide	ug/kg	< 340	< 250	< 210	< 270	< 270	< 250	< 110	< 250	< 250	< 250	< 250	< 150	< 270	< 300	< 490
Carbon tetrachloride	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Chlorobenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Chloroethane	ug/kg	< 1100	< 660	< 1100	< 890	< 900	< 300	< 550	< 630	< 770	< 660	< 760	< 730	< 890	< 990	< 1600
Chloroform	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Chloromethane	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	**270**	< 300	< 490
cis-1,2-Dichloroethylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Cyclohexane	ug/kg	< 500	< 500	< 1100	< 500	< 500	< 500	< 550	< 500	< 500	< 500	< 500	< 730	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Dibromochloropropane	ug/kg	< 340	< 200	< 1100	< 270	< 270	< 89	< 550	< 190	< 230	< 200	< 230	< 730	< 270	< 300	< 490
Dibromomethane	ug/kg	< 340	< 250	< 210	< 270	< 270	< 250	< 110	< 250	< 250	< 250	< 250	< 150	< 270	< 300	< 490
Dichlorodifluoromethane	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
Diethyl ether	ug/kg	< 340	< 200	< 860	< 270	< 270	< 200	< 440	< 200	< 230	< 200	< 230	< 580	< 270	< 300	< 490
Di-isopropyl ether (DIPE)	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
Ethylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Ethylene dibromide	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
Hexachloroethane	ug/kg	< 340	< 300	< 1100	< 300	< 300	< 300	< 550	< 300	< 300	< 300	< 300	< 730	< 300	< 300	< 490
Isopropyl benzene	ug/kg	< 340	< 250	< 210	< 270	< 270	< 250	< 110	< 250	< 250	< 250	< 250	< 150	< 270	< 300	< 490
m&p-Xylene	ug/kg	< 680	< 400	< 430	< 540	< 540	< 180	< 220	< 380	< 460	< 400	< 450	< 290	< 540	< 590	< 970
Methyl Iodide	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Methylene chloride	ug/kg	< 340	< 200	< 430	< 270	< 270	< 100	< 220	< 190	< 230	< 200	< 230	< 290	**300**	< 300	< 490

	Date \ Time Collected	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:25 AM	9/20/2011 10:45 AM	9/20/2011 10:45 AM	9/22/2011 2:00 PM	9/22/2011 2:00 PM	9/22/2011 1:45 PM	9/22/2011 1:45 PM	9/22/2011 2:20 PM	9/20/2011 1:40 PM	9/20/2011 1:40 PM	9/20/2011 4:15 PM	9/20/2011 3:55 PM	9/20/2011 4:20 PM
	Location	SBTC0100R 033	SBTC0100R 033	SBTC0100R 033	SBTC0100R 035	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 043	SBTC0100R 046	SBTC0100R 047	SBTC0100R 051
	Sample	SBTC0100R 033S 092011S010	SBTC0100R 033D 092011S010	SBTC0100R033S092011S010-split	SBTC0100R 035S 092011S003	SBTC0100R 035D 092011S003	SBTC0100R 037BS 092211S010	SBTC0100R037BS092211S010-split	SBTC0100R 039AS 092211S003	SBTC0100R 039AD 092211S003	SBTC0100R 041AS 092211S005	SBTC0100R 043S 092011S010	SBTC0100R043S092011S010-split	SBTC0100R 046S 092011S010	SBTC0100R 047S 092011S010	SBTC0100R 051S 092011S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Duplicate	Split	Result	Duplicate	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 340	< 250	< 210	< 270	< 270	< 250	< 110	< 250	< 250	< 250	< 250	< 150	< 270	< 300	< 490
Naphthalene	ug/kg	< 1100	< 660	< 1100	< 890	< 900	< 330	< 550	< 630	< 770	< 660	< 760	< 730	< 890	< 990	< 1600
n-Butylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
n-Propylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
o-Xylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
p-Isopropyl toluene (p-Cymene)	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
sec-Butylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Styrene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
t-Amyl methyl ether (TAME)	ug/kg	< 340	< 250	< 1100	< 270	< 270	< 250	< 550	< 250	< 250	< 250	< 250	< 730	< 270	< 300	< 490
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 11000	< 2500	< 2500	< 2500	< 5500	< 2500	< 2500	< 2500	< 2500	< 7300	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Tetrachloroethylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Tetrahydrofuran	ug/kg	< 1100	< 1000	< 1100	< 1000	< 1000	< 1000	< 550	< 1000	< 1000	< 1000	< 1000	< 730	< 1000	< 1000	< 1600
Toluene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
trans-1,2-Dichloroethylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Trichloroethylene	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Trichlorofluoromethane	ug/kg	< 340	< 200	< 210	< 270	< 270	< 100	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Vinyl chloride	ug/kg	< 340	< 200	< 210	< 270	< 270	< 89	< 110	< 190	< 230	< 200	< 230	< 150	< 270	< 300	< 490
Xylenes	ug/kg	< 680	< 400	---	< 540	< 540	< 180	---	< 380	< 460	< 400	< 450	---	< 540	< 590	< 970

	Date \ Time Collected	9/20/2011 5:15 PM	9/20/2011 5:15 PM	9/20/2011 5:40 PM	9/20/2011 5:55 PM	9/21/2011 8:45 AM	9/21/2011 8:45 AM	9/21/2011 8:05 AM	9/21/2011 9:15 AM	9/28/2011 4:00 PM	9/28/2011 4:10 PM	9/27/2011 3:35 PM	9/28/2011 4:55 PM	9/28/2011 4:55 PM	9/28/2011 8:00 AM
	Location	SBTC0100R 052	SBTC0100R 052	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 069A	SBTC0100R 069A	SBTC0100R 071
	Sample	SBTC0100R 052S 092011S010	SBTC0100R052S092011S010-split	SBTC0100R 053S 092011S010	SBTC0100R 055S 092011S010	SBTC0100R 056S 092111S016	SBTC0100R 056D 092111S016	SBTC0100R 057S 092111S010	SBTC0100R 059S 092111S005	SBTC0100R 061AS 092811S010	SBTC0100R 063AS 092811S010	SBTC0100R 065S 092711S010	SBTC0100R 069AS 092811S010	SBTC0100R 069AD 092811S010	SBTC0100R 071S 092811S007
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0 - 1 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft
	USCS Code	OL-SP	OL-SP	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result
Metals															
Arsenic	mg/kg	---	**100**	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**190**	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.30**	< 0.57	**0.58**	< 0.50	< 0.50	< 0.50	**0.62**	< 0.50	< 0.50	< 0.50	< 0.54	< 0.52	< 0.50
Cadmium	mg/kg	---	**0.41**	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**8.0**	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**6.8**	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**120000**	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**11**	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.12	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**3.4**	**3.7**	**3.2**	**1.5**	**2.6**	**5.1**	**2.1**	**7.5**	**7.1**	**4.5**	**6.3**	**4.8**	**4.7**	**3.3**
Nickel	mg/kg	**9.1**	**8.2**	**14**	**14**	**11**	**20**	**7.0**	**35**	**9.3**	**5.5**	**7.5**	**6.4**	**7.4**	**12**
Selenium	mg/kg	---	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**14**	**13**	**23**	**23**	**18**	**26**	**8.9**	**34**	**12**	**7.8**	**10**	**8.6**	**9.6**	**15**
Zinc	mg/kg	---	**33**	---	---	---	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 530
Acenaphthene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 900	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/20/2011 5:15 PM	9/20/2011 5:15 PM	9/20/2011 5:40 PM	9/20/2011 5:55 PM	9/21/2011 8:45 AM	9/21/2011 8:45 AM	9/21/2011 8:05 AM	9/21/2011 9:15 AM	9/28/2011 4:00 PM	9/28/2011 4:10 PM	9/27/2011 3:35 PM	9/28/2011 4:55 PM	9/28/2011 4:55 PM	9/28/2011 8:00 AM
	Location	SBTC0100R 052	SBTC0100R 052	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 069A	SBTC0100R 069A	SBTC0100R 071
	Sample	SBTC0100R 052S 092011S010	SBTC0100R052S092011S010-split	SBTC0100R 053S 092011S010	SBTC0100R 055S 092011S010	SBTC0100R 056S 092111S016	SBTC0100R 056D 092111S016	SBTC0100R 057S 092111S010	SBTC0100R 059S 092111S005	SBTC0100R 061AS 092811S010	SBTC0100R 063AS 092811S010	SBTC0100R 065S 092711S010	SBTC0100R 069AS 092811S010	SBTC0100R 069AD 092811S010	SBTC0100R 071S 092811S007
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0 - 1 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft
	USCS Code	OL-SP	OL-SP	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result
Pyrene	ug/kg	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids															
Moisture	%	**55**	---	**62**	**52**	**57**	**56**	**51**	**38**	**57**	**43**	**56**	**59**	**57**	**55**
Solids	%	---	**44.3**	---	---	---	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**9.4**	---	**13**	**6.8**	**11**	< 5.6	**7.2**	**5.4**	**11**	**7.6**	**11**	< 6.0	**6.0**	< 5.5
Diesel Range Organics (C10-C20)	ug/kg	---	< 56000	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 18000	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**34**	---	**56**	**18**	**24**	**16**	**15**	**23**	**86**	**67**	**110**	**26**	**34**	**18**
Oil Range Organics (C20-C34)	ug/kg	---	< 230000	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,1,1-Trichloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,1,2,2-Tetrachloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,1,2-Trichloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,1-Dichloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,1-Dichloroethylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,2,3-Trichlorobenzene	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
1,2,3-Trichloropropane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,2,3-Trimethylbenzene	ug/kg	< 250	< 180	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
1,2,4-Trimethylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,2-Dichlorobenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,2-Dichloroethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,2-Dichloropropane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,3,5-Trimethylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,3-Dichlorobenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,3-Dichloropropene, cis	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,3-Dichloropropene, trans	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,4-Dichloro-2-butene, trans	ug/kg	< 230	< 880	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
1,4-Dichlorobenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
2-Butanone (MEK)	ug/kg	< 770	< 880	< 1100	< 750	< 840	< 810	< 750	< 750	< 850	< 750	< 800	< 960	< 860	< 770

	Date \ Time Collected	9/20/2011 5:15 PM	9/20/2011 5:15 PM	9/20/2011 5:40 PM	9/20/2011 5:55 PM	9/21/2011 8:45 AM	9/21/2011 8:45 AM	9/21/2011 8:05 AM	9/21/2011 9:15 AM	9/28/2011 4:00 PM	9/28/2011 4:10 PM	9/27/2011 3:35 PM	9/28/2011 4:55 PM	9/28/2011 4:55 PM	9/28/2011 8:00 AM
	Location	SBTC0100R 052	SBTC0100R 052	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 069A	SBTC0100R 069A	SBTC0100R 071
	Sample	SBTC0100R 052S 092011S010	SBTC0100R052S092011S010-split	SBTC0100R 053S 092011S010	SBTC0100R 055S 092011S010	SBTC0100R 056S 092111S016	SBTC0100R 056D 092111S016	SBTC0100R 057S 092111S010	SBTC0100R 059S 092111S005	SBTC0100R 061AS 092811S010	SBTC0100R 063AS 092811S010	SBTC0100R 065S 092711S010	SBTC0100R 069AS 092811S010	SBTC0100R 069AD 092811S010	SBTC0100R 071S 092811S007
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0 - 1 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft
	USCS Code	OL-SP	OL-SP	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result
2-Hexanone	ug/kg	< 2500	< 880	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 770	< 880	< 1100	< 660	< 840	< 810	< 630	< 360	< 850	< 440	< 800	< 960	< 860	< 770
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 880	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1900	< 3500	< 2800	< 1600	< 2100	< 2000	< 1600	< 1000	< 2100	< 1100	< 2000	< 2400	< 2100	< 1900
Acrylonitrile	ug/kg	< 230	< 880	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Benzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Bromobenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Bromochloromethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Bromodichloromethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Bromoform	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Bromomethane	ug/kg	< 230	< 710	< 330	< 200	< 250	< 240	< 200	< 200	< 260	< 200	< 240	< 290	< 260	< 230
Carbon disulfide	ug/kg	< 250	< 180	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Carbon tetrachloride	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Chlorobenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Chloroethane	ug/kg	< 770	< 880	< 1100	< 660	< 840	< 810	< 630	< 360	< 850	< 440	< 800	< 960	< 860	< 770
Chloroform	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Chloromethane	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 1000	< 250	< 250	< 290	< 260	< 250
cis-1,2-Dichloroethylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Cyclohexane	ug/kg	< 500	< 880	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Dibromochloropropane	ug/kg	< 230	< 880	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Dibromomethane	ug/kg	< 250	< 180	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Diethyl ether	ug/kg	< 230	< 710	< 330	< 200	< 250	< 240	< 200	< 200	< 260	< 200	< 240	< 290	< 260	< 230
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Ethylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Ethylene dibromide	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Hexachloroethane	ug/kg	< 300	< 880	< 330	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 180	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
m&p-Xylene	ug/kg	< 460	< 350	< 660	< 390	< 510	< 490	< 380	< 220	< 510	< 260	< 480	< 570	< 510	< 460
Methyl Iodide	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Methylene chloride	ug/kg	**260**	< 350	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/20/2011 5:15 PM	9/20/2011 5:15 PM	9/20/2011 5:40 PM	9/20/2011 5:55 PM	9/21/2011 8:45 AM	9/21/2011 8:45 AM	9/21/2011 8:05 AM	9/21/2011 9:15 AM	9/28/2011 4:00 PM	9/28/2011 4:10 PM	9/27/2011 3:35 PM	9/28/2011 4:55 PM	9/28/2011 4:55 PM	9/28/2011 8:00 AM
	Location	SBTC0100R 052	SBTC0100R 052	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 069A	SBTC0100R 069A	SBTC0100R 071
	Sample	SBTC0100R 052S 092011S010	SBTC0100R052S092011S010-split	SBTC0100R 053S 092011S010	SBTC0100R 055S 092011S010	SBTC0100R 056S 092111S016	SBTC0100R 056D 092111S016	SBTC0100R 057S 092111S010	SBTC0100R 059S 092111S005	SBTC0100R 061AS 092811S010	SBTC0100R 063AS 092811S010	SBTC0100R 065S 092711S010	SBTC0100R 069AS 092811S010	SBTC0100R 069AD 092811S010	SBTC0100R 071S 092811S007
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0 - 1 ft	0 - 0.5 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.7 ft
	USCS Code	OL-SP	OL-SP	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 180	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
Naphthalene	ug/kg	< 770	< 880	< 1100	< 660	< 840	< 810	< 630	< 360	< 850	< 440	< 800	< 960	< 860	< 770
n-Butylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
n-Propylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
o-Xylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
p-Isopropyl toluene (p-Cymene)	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
sec-Butylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Styrene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 880	< 330	< 250	< 250	< 250	< 250	< 250	< 260	< 250	< 250	< 290	< 260	< 250
t-Butyl alcohol	ug/kg	< 2500	< 8800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Tetrachloroethylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Tetrahydrofuran	ug/kg	< 1000	< 880	< 1100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
trans-1,2-Dichloroethylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Trichloroethylene	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Trichlorofluoromethane	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Vinyl chloride	ug/kg	< 230	< 180	< 330	< 200	< 250	< 240	< 190	< 110	< 260	< 130	< 240	< 290	< 260	< 230
Xylenes	ug/kg	< 460	---	< 660	< 390	< 510	< 490	< 380	< 220	< 510	< 260	< 480	< 570	< 510	< 460

	Date \ Time Collected	9/29/2011 11:10 AM	9/29/2011 11:10 AM	9/27/2011 5:15 PM	9/29/2011 11:31 AM	9/28/2011 8:50 AM	9/28/2011 8:50 AM	9/28/2011 11:00 AM	9/28/2011 9:50 AM	9/28/2011 9:53 AM	9/28/2011 12:00 PM	9/29/2011 12:32 PM	9/28/2011 3:25 PM	9/29/2011 3:25 PM	9/29/2011 2:50 PM
	Location	SBTC0100R 071A	SBTC0100R 071A	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A	SBTC0100R 087	SBTC0100R 088	SBTC0100R 089
	Sample	SBTC0100R 071AS 092911S010	SBTC0100R071AS092911S010-split	SBTC0100R 075S 092711S004	SBTC0100R 077BS 092911S007	SBTC0100R 078S 092811S010	SBTC0100R078S092811S010-split	SBTC0100R 079S 092811S009	SBTC0100R 080S 092811S009	SBTC0100R 081S 092811S010	SBTC0100R 082S 092811S010	SBTC0100R 083AS 092911S009	SBTC0100R 087S 092811S010	SBTC0100R 088S 092911S010	SBTC0100R 089S 092911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	ML	ML	OL	OL	OL	OL	OL	OL	OL	PT	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	**25**	---	---	---	**26**	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**89**	---	---	---	**190**	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.51	< 0.51	< 0.71	**0.43**	< 0.53	< 0.50	< 0.68	< 0.83	< 1.4	< 0.50	< 0.50	**0.59**
Cadmium	mg/kg	---	< 0.2	---	---	---	**0.53**	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**7.5**	---	---	---	**11**	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**5.5**	---	---	---	**11**	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**46000**	---	---	---	**33000**	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**3.8**	---	---	---	**13**	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.25	---	---	---	< 0.16	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.5**	< 1	**1.2**	**3.5**	**1.9**	**1.7**	**4.5**	**4**	**2.5**	**8.3**	**7.6**	**1.4**	**2.7**	**3**
Nickel	mg/kg	**6.5**	**8.2**	**8.1**	**6.0**	**12**	**11**	**11**	**7.0**	**11**	**6.9**	**6.4**	**3.8**	**12**	**14**
Selenium	mg/kg	---	**0.68**	---	---	---	**1.5**	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	< 0.1	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**9.0**	**9.4**	**9.1**	**8.5**	**16**	**17**	**20**	**10**	**17**	**12**	**11**	**6.2**	**19**	**24**
Zinc	mg/kg	---	**21**	---	---	---	**62**	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 2500	< 330	< 330	< 330	< 1600	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 2000	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/29/2011 11:10 AM	9/29/2011 11:10 AM	9/27/2011 5:15 PM	9/29/2011 11:31 AM	9/28/2011 8:50 AM	9/28/2011 8:50 AM	9/28/2011 11:00 AM	9/28/2011 9:50 AM	9/28/2011 9:53 AM	9/28/2011 12:00 PM	9/29/2011 12:32 PM	9/28/2011 3:25 PM	9/29/2011 3:25 PM	9/29/2011 2:50 PM
	Location	SBTC0100R 071A	SBTC0100R 071A	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A	SBTC0100R 087	SBTC0100R 088	SBTC0100R 089
	Sample	SBTC0100R 071AS 092911S010	SBTC0100R071AS092911S010-split	SBTC0100R 075S 092711S004	SBTC0100R 077BS 092911S007	SBTC0100R 078S 092811S010	SBTC0100R078S092811S010-split	SBTC0100R 079S 092811S009	SBTC0100R 080S 092811S009	SBTC0100R 081S 092811S010	SBTC0100R 082S 092811S010	SBTC0100R 083AS 092911S009	SBTC0100R 087S 092811S010	SBTC0100R 088S 092911S010	SBTC0100R 089S 092911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	ML	ML	OL	OL	OL	OL	OL	OL	OL	PT	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 980	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids															
Moisture	%	**43**	---	**64**	**62**	**68**	---	**63**	**53**	**72**	**73**	**84**	**45**	**55**	**59**
Solids	%	---	**20.4**	---	---	---	**32.1**	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 4.3	---	**7.9**	< 6.6	**9.2**	---	< 6.5	< 5.3	< 8.8	**10**	**16**	**5.9**	**12**	**15**
Diesel Range Organics (C10-C20)	ug/kg	---	< 120000	---	---	---	< 78000	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 6.2	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 44000	---	---	---	< 26000	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**30**	---	**80**	**18**	**58**	---	**33**	**21**	**15**	**66**	**83**	**26**	**64**	**110**
Oil Range Organics (C20-C34)	ug/kg	---	< 490000	---	---	---	< 310000	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,1,1-Trichloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,1,2,2-Tetrachloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,1,2-Trichloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,1-Dichloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,1-Dichloroethylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,2,3-Trichlorobenzene	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
1,2,3-Trichloropropane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,2,3-Trimethylbenzene	ug/kg	< 250	< 440	< 380	< 340	< 500	< 260	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
1,2,4-Trichlorobenzene	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
1,2,4-Trimethylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,2-Dichlorobenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,2-Dichloroethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,2-Dichloropropane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,3,5-Trimethylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,3-Dichlorobenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,3-Dichloropropene, cis	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,3-Dichloropropene, trans	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,4-Dichloro-2-butene, trans	ug/kg	< 130	< 2200	< 380	< 340	< 500	< 1300	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
1,4-Dichlorobenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
2-Butanone (MEK)	ug/kg	< 750	< 2200	< 1300	< 1100	< 1700	< 1300	< 1200	< 750	< 2200	< 2400	< 7100	< 750	< 760	< 940

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	Location	SBTC0100R 071A	SBTC0100R 071A	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A	SBTC0100R 087	SBTC0100R 088	SBTC0100R 089
	Sample	SBTC0100R 071AS 092911S010	SBTC0100R071AS092911S010-split	SBTC0100R 075S 092711S004	SBTC0100R 077BS 092911S007	SBTC0100R 078S 092811S010	SBTC0100R078S092811S010-split	SBTC0100R 079S 092811S009	SBTC0100R 080S 092811S009	SBTC0100R 081S 092811S010	SBTC0100R 082S 092811S010	SBTC0100R 083AS 092911S009	SBTC0100R 087S 092811S010	SBTC0100R 088S 092911S010	SBTC0100R 089S 092911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	ML	ML	OL	OL	OL	OL	OL	OL	OL	PT	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2200	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 440	< 2200	< 1300	< 1100	< 1700	< 1300	< 1200	< 700	< 2200	< 2400	< 7100	< 490	< 760	< 940
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2200	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1100	< 8800	< 3200	< 2800	< 4200	< 5300	< 3000	< 1700	< 5500	< 6000	< 18000	< 1200	< 1900	< 2400
Acrylonitrile	ug/kg	< 130	< 2200	< 380	< 340	< 500	< 1300	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Benzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Bromobenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Bromochloromethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Bromodichloromethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Bromoform	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Bromomethane	ug/kg	< 200	< 1800	< 380	< 340	< 500	< 1100	< 360	< 210	< 660	< 720	< 2100	< 200	< 230	< 280
Carbon disulfide	ug/kg	< 250	< 440	< 380	< 340	< 500	< 260	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Carbon tetrachloride	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Chlorobenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Chloroethane	ug/kg	< 440	< 2200	< 1300	< 1100	< 1700	< 1300	< 1200	< 700	< 2200	< 2400	< 7100	< 490	< 760	< 940
Chloroform	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Chloromethane	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 1100	< 630	< 1500	< 720	< 2100	< 250	< 250	< 280
cis-1,2-Dichloroethylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Cyclohexane	ug/kg	< 500	< 2200	< 500	< 500	< 500	< 1300	< 500	< 500	< 660	< 720	< 2100	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Dibromochloropropane	ug/kg	< 130	< 2200	< 380	< 340	< 500	< 1300	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Dibromomethane	ug/kg	< 250	< 440	< 380	< 340	< 500	< 260	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Dichlorodifluoromethane	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Diethyl ether	ug/kg	< 200	< 1800	< 380	< 340	< 500	< 1100	< 360	< 210	< 660	< 720	< 2100	< 200	< 230	< 280
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Ethylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Ethylene dibromide	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Hexachloroethane	ug/kg	< 300	< 2200	< 380	< 340	< 500	< 1300	< 360	< 300	< 660	< 720	< 2100	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 440	< 380	< 340	< 500	< 260	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
m&p-Xylene	ug/kg	< 260	< 880	< 760	< 680	< 1000	< 530	< 720	< 420	< 1300	< 1400	< 4300	< 290	< 460	< 570
Methyl Iodide	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Methylene chloride	ug/kg	< 130	< 880	< 380	< 340	< 500	< 530	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280

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	Location	SBTC0100R 071A	SBTC0100R 071A	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A	SBTC0100R 087	SBTC0100R 088	SBTC0100R 089
	Sample	SBTC0100R 071AS 092911S010	SBTC0100R071AS092911S010-split	SBTC0100R 075S 092711S004	SBTC0100R 077BS 092911S007	SBTC0100R 078S 092811S010	SBTC0100R078S092811S010-split	SBTC0100R 079S 092811S009	SBTC0100R 080S 092811S009	SBTC0100R 081S 092811S010	SBTC0100R 082S 092811S010	SBTC0100R 083AS 092911S009	SBTC0100R 087S 092811S010	SBTC0100R 088S 092911S010	SBTC0100R 089S 092911S010
	Depth	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft
	USCS Code	ML	ML	OL	OL	OL	OL	OL	OL	OL	PT	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 440	< 380	< 340	< 500	< 260	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
Naphthalene	ug/kg	< 440	< 2200	< 1300	< 1100	< 1700	< 1300	< 1200	< 700	< 2200	< 2400	< 7100	< 490	< 760	< 940
n-Butylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
n-Propylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
o-Xylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
p-Isopropyl toluene (p-Cymene)	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
sec-Butylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Styrene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 2200	< 380	< 340	< 500	< 1300	< 360	< 250	< 660	< 720	< 2100	< 250	< 250	< 280
t-Butyl alcohol	ug/kg	< 2500	< 22000	< 2500	< 2500	< 2500	< 13000	< 2500	< 2500	< 2500	< 2500	< 7100	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Tetrachloroethylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Tetrahydrofuran	ug/kg	< 1000	< 2200	< 1300	< 1100	< 1700	< 1300	< 1200	< 1000	< 2200	< 2400	< 7100	< 1000	< 1000	< 1000
Toluene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
trans-1,2-Dichloroethylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Trichloroethylene	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Trichlorofluoromethane	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Vinyl chloride	ug/kg	< 130	< 440	< 380	< 340	< 500	< 260	< 360	< 210	< 660	< 720	< 2100	< 150	< 230	< 280
Xylenes	ug/kg	< 260	---	< 760	< 680	< 1000	---	< 720	< 420	< 1300	< 1400	< 4300	< 290	< 460	< 570

	Date \ Time Collected	9/29/2011 3:15 PM	9/29/2011 3:15 PM	9/29/2011 3:20 PM	9/30/2011 1:00 PM	9/29/2011 6:05 PM	10/13/2011 6:07 PM	10/14/2011 8:15 AM	10/13/2011 6:24 PM	10/13/2011 6:24 PM	9/29/2011 5:28 PM	9/29/2011 6:15 PM	9/30/2011 9:50 AM	9/30/2011 10:42 AM	9/30/2011 10:42 AM
	Location	SBTC0100R 090	SBTC0100R 090	SBTC0100R 091	SBTC0100R 092A	SBTC0100R 095	SBTC0100R 096B	SBTC0100R 096C	SBTC0100R 096D	SBTC0100R 096D	SBTC0100R 097	SBTC0100R 098	SBTC0100R 100	SBTC0100R 101	SBTC0100R 101
	Sample	SBTC0100R 090S 092911S010	SBTC0100R090S092911S010-split	SBTC0100R 091S 092911S010	SBTC0100R 092AS 093011S010	SBTC0100R 095S 092911S010	SBTC0100R 096BS 101311S006	SBTC0100R 096CS 101411S003	SBTC0100R 096DS 101311S010	SBTC0100R096DS101311S010-split	SBTC0100R 097S 092911S010	SBTC0100R 098S 092911S009	SBTC0100R 100S 093011S009	SBTC0100R 101S 093011S010	SBTC0100R101S093011S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Split
Metals															
Arsenic	mg/kg	---	**4.1**	---	---	---	---	---	---	**15**	---	---	---	---	**27**
Barium	mg/kg	---	**16**	---	---	---	---	---	---	**100**	---	---	---	---	**120**
Beryllium	mg/kg	< 1.1	< 0.2	**0.66**	**0.88**	< 0.50	< 0.50	< 0.50	< 0.50	**0.31**	**0.66**	< 0.50	< 0.50	< 0.50	**0.33**
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	**0.73**	---	---	---	---	**0.64**
Chromium (Total)	mg/kg	---	**9.7**	---	---	---	---	---	---	**9.1**	---	---	---	---	**7.8**
Copper	mg/kg	---	**12**	---	---	---	---	---	---	**49**	---	---	---	---	**27**
Iron	mg/kg	---	**200000**	---	---	---	---	---	---	**22000**	---	---	---	---	**32000**
Lead	mg/kg	---	**6.9**	---	---	---	---	---	---	**18**	---	---	---	---	**10**
Mercury (Total)	mg/kg	---	< 0.15	---	---	---	---	---	---	---	---	---	---	---	< 0.15
Molybdenum	mg/kg	**2.9**	< 1	**4.9**	**4**	**4.1**	**5.5**	**3.2**	**2.3**	**4.9**	**2.4**	**3**	**2.8**	**1.5**	**3.3**
Nickel	mg/kg	**15**	**14**	**19**	**16**	**13**	**13**	**7.5**	**12**	**9.2**	**15**	**13**	**9.8**	**11**	**13**
Selenium	mg/kg	---	**1.6**	---	---	---	---	---	---	**1.7**	---	---	---	---	**1.8**
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---	---	< 0.1
Vanadium	mg/kg	**23**	**13**	**32**	**34**	**21**	**21**	**11**	**21**	**17**	**27**	**19**	**18**	**20**	**15**
Zinc	mg/kg	---	**30**	---	---	---	---	---	---	**54**	---	---	---	---	**31**
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330	< 1300	< 330	< 330	< 330	< 330	< 1400
Acenaphthene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Acenaphthylene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Anthracene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Benzo(a)anthracene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Benzo(a)pyrene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Benzo(b)fluoranthene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Benzo(g,h,i)perylene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Benzo(k)fluoranthene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Chrysene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Fluoranthene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Fluorene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 1100
Naphthalene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Phenanthrene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560

	Date \ Time Collected	9/29/2011 3:15 PM	9/29/2011 3:15 PM	9/29/2011 3:20 PM	9/30/2011 1:00 PM	9/29/2011 6:05 PM	10/13/2011 6:07 PM	10/14/2011 8:15 AM	10/13/2011 6:24 PM	10/13/2011 6:24 PM	9/29/2011 5:28 PM	9/29/2011 6:15 PM	9/30/2011 9:50 AM	9/30/2011 10:42 AM	9/30/2011 10:42 AM
	Location	SBTC0100R 090	SBTC0100R 090	SBTC0100R 091	SBTC0100R 092A	SBTC0100R 095	SBTC0100R 096B	SBTC0100R 096C	SBTC0100R 096D	SBTC0100R 096D	SBTC0100R 097	SBTC0100R 098	SBTC0100R 100	SBTC0100R 101	SBTC0100R 101
	Sample	SBTC0100R 090S 092911S010	SBTC0100R090S092911S010-split	SBTC0100R 091S 092911S010	SBTC0100R 092AS 093011S010	SBTC0100R 095S 092911S010	SBTC0100R 096BS 101311S006	SBTC0100R 096CS 101411S003	SBTC0100R 096DS 101311S010	SBTC0100R096DS101311S010-split	SBTC0100R 097S 092911S010	SBTC0100R 098S 092911S009	SBTC0100R 100S 093011S009	SBTC0100R 101S 093011S010	SBTC0100R101S093011S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Split
Pyrene	ug/kg	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 560
Solids															
Moisture	%	**62**	---	**60**	**49**	**50**	**48**	**51**	**44**	---	**62**	**63**	**66**	**53**	---
Solids	%	---	**37.5**	---	---	---	---	---	---	**40.0**	---	---	---	---	**35.8**
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 6.5	---	**8.3**	< 4.9	**7.1**	**47**	**210**	**36**	---	**10**	**14**	< 7.1	**6.7**	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 67000	---	---	---	---	---	---	**81000**	---	---	---	---	**190000**
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 21000	---	---	---	---	---	---	< 20000	---	---	---	---	< 22000
Oil Range Organics (C20-C34)	mg/kg	**27**	---	**37**	**17**	**53**	**430**	**1100**	**260**	---	**78**	**88**	**18**	**38**	---
Oil Range Organics (C20-C34)	ug/kg	---	< 270000	---	---	---	---	---	---	**270000**	---	---	---	---	**750000**
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,1,1-Trichloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,1,2,2-Tetrachloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,1,2-Trichloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,1-Dichloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,1-Dichloroethylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,2,3-Trichlorobenzene	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
1,2,3-Trichloropropane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,2,3-Trimethylbenzene	ug/kg	< 350	< 210	< 300	< 250	< 250	< 250	< 250	< 250	< 200	< 340	< 380	< 420	< 250	< 220
1,2,4-Trichlorobenzene	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
1,2,4-Trimethylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,2-Dichlorobenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,2-Dichloroethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,2-Dichloropropane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,3,5-Trimethylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,3-Dichlorobenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,3-Dichloropropene, cis	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,3-Dichloropropene, trans	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
1,4-Dichloro-2-butene, trans	ug/kg	< 350	< 1100	< 300	< 170	< 180	< 160	< 190	< 140	< 1000	< 340	< 380	< 420	< 210	< 1100
1,4-Dichlorobenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
2-Butanone (MEK)	ug/kg	< 1200	< 1100	< 1000	< 750	< 750	< 750	< 750	< 750	< 1000	< 1100	< 1300	< 1400	< 750	< 1100

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	Location	SBTC0100R 090	SBTC0100R 090	SBTC0100R 091	SBTC0100R 092A	SBTC0100R 095	SBTC0100R 096B	SBTC0100R 096C	SBTC0100R 096D	SBTC0100R 096D	SBTC0100R 097	SBTC0100R 098	SBTC0100R 100	SBTC0100R 101	SBTC0100R 101
	Sample	SBTC0100R 090S 092911S010	SBTC0100R090S092911S010-split	SBTC0100R 091S 092911S010	SBTC0100R 092AS 093011S010	SBTC0100R 095S 092911S010	SBTC0100R 096BS 101311S006	SBTC0100R 096CS 101411S003	SBTC0100R 096DS 101311S010	SBTC0100R096DS101311S010-split	SBTC0100R 097S 092911S010	SBTC0100R 098S 092911S009	SBTC0100R 100S 093011S009	SBTC0100R 101S 093011S010	SBTC0100R101S093011S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Split
2-Hexanone	ug/kg	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 1100
2-Methylnaphthalene	ug/kg	< 1200	< 1100	< 1000	< 580	< 590	< 540	< 630	< 460	< 1000	< 1100	< 1300	< 1400	< 690	< 1100
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 1100
Acetone	ug/kg	< 2900	< 4200	< 2500	< 1400	< 1500	< 1400	< 1600	< 1100	< 4100	< 3100	< 3200	< 3500	< 2100	< 4500
Acrylonitrile	ug/kg	< 350	< 1100	< 300	< 170	< 180	< 160	< 190	< 140	< 1000	< 340	< 380	< 420	< 210	< 1100
Benzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Bromobenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Bromochloromethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Bromodichloromethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Bromoform	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Bromomethane	ug/kg	< 350	< 840	< 300	< 200	< 200	< 200	< 200	< 200	< 810	< 340	< 380	< 420	< 210	< 890
Carbon disulfide	ug/kg	< 350	< 210	< 300	< 250	< 250	< 250	< 250	< 250	< 200	< 340	< 380	< 420	< 250	< 220
Carbon tetrachloride	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Chlorobenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Chloroethane	ug/kg	< 1200	< 1100	< 1000	< 580	< 590	< 540	< 630	< 460	< 1000	< 1100	< 1300	< 1400	< 690	< 1100
Chloroform	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Chloromethane	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 810	< 630	< 920	< 1000	< 340	< 380	< 1400	< 250	< 1100
cis-1,2-Dichloroethylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Cyclohexane	ug/kg	< 500	< 1100	< 500	< 500	< 500	< 500	< 500	< 500	< 1000	< 500	< 500	< 500	< 500	< 1100
Dibromochloromethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Dibromochloropropane	ug/kg	< 350	< 1100	< 300	< 170	< 180	< 160	< 190	< 140	< 1000	< 340	< 380	< 420	< 210	< 1100
Dibromomethane	ug/kg	< 350	< 210	< 300	< 250	< 250	< 250	< 250	< 250	< 200	< 340	< 380	< 420	< 250	< 220
Dichlorodifluoromethane	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
Diethyl ether	ug/kg	< 350	< 840	< 300	< 200	< 200	< 200	< 200	< 200	< 810	< 340	< 380	< 420	< 210	< 890
Di-isopropyl ether (DIPE)	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
Ethylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Ethylene dibromide	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
Hexachloroethane	ug/kg	< 350	< 1100	< 300	< 300	< 300	< 300	< 300	< 300	< 1000	< 340	< 380	< 420	< 300	< 1100
Isopropyl benzene	ug/kg	< 350	< 210	< 300	< 250	< 250	< 250	< 250	< 250	< 200	< 340	< 380	< 420	< 250	< 220
m&p-Xylene	ug/kg	< 700	< 420	< 600	< 350	< 360	< 330	< 380	< 280	< 410	< 680	< 760	< 830	< 410	< 450
Methyl Iodide	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Methylene chloride	ug/kg	< 350	< 420	< 300	< 170	< 180	< 380	< 190	< 230	< 410	< 340	< 380	< 420	< 210	< 450

	Date \ Time Collected	9/29/2011 3:15 PM	9/29/2011 3:15 PM	9/29/2011 3:20 PM	9/30/2011 1:00 PM	9/29/2011 6:05 PM	10/13/2011 6:07 PM	10/14/2011 8:15 AM	10/13/2011 6:24 PM	10/13/2011 6:24 PM	9/29/2011 5:28 PM	9/29/2011 6:15 PM	9/30/2011 9:50 AM	9/30/2011 10:42 AM	9/30/2011 10:42 AM
	Location	SBTC0100R 090	SBTC0100R 090	SBTC0100R 091	SBTC0100R 092A	SBTC0100R 095	SBTC0100R 096B	SBTC0100R 096C	SBTC0100R 096D	SBTC0100R 096D	SBTC0100R 097	SBTC0100R 098	SBTC0100R 100	SBTC0100R 101	SBTC0100R 101
	Sample	SBTC0100R 090S 092911S010	SBTC0100R090S092911S010-split	SBTC0100R 091S 092911S010	SBTC0100R 092AS 093011S010	SBTC0100R 095S 092911S010	SBTC0100R 096BS 101311S006	SBTC0100R 096CS 101411S003	SBTC0100R 096DS 101311S010	SBTC0100R096DS101311S010-split	SBTC0100R 097S 092911S010	SBTC0100R 098S 092911S009	SBTC0100R 100S 093011S009	SBTC0100R 101S 093011S010	SBTC0100R101S093011S010-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.9 ft	0 - 0.9 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Split
Methyl-tert-butyl ether (MTBE)	ug/kg	< 350	< 210	< 300	< 250	< 250	< 250	< 250	< 250	< 200	< 340	< 380	< 420	< 250	< 220
Naphthalene	ug/kg	< 1200	< 1100	< 1000	< 580	< 590	< 540	< 630	< 460	< 1000	< 1100	< 1300	< 1400	< 690	< 1100
n-Butylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
n-Propylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
o-Xylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
p-Isopropyl toluene (p-Cymene)	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
sec-Butylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Styrene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
t-Amyl methyl ether (TAME)	ug/kg	< 350	< 1100	< 300	< 250	< 250	< 250	< 250	< 250	< 1000	< 340	< 380	< 420	< 250	< 1100
t-Butyl alcohol	ug/kg	< 2500	< 11000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 10000	< 2500	< 2500	< 2500	< 2500	< 11000
t-Butylbenzene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Tetrachloroethylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Tetrahydrofuran	ug/kg	< 1200	< 1100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 1300	< 1400	< 1000	< 1100
Toluene	ug/kg	< 350	< 210	< 300	< 170	< 180	**450**	**550**	< 140	< 200	< 340	< 380	< 420	< 210	< 220
trans-1,2-Dichloroethylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Trichloroethylene	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Trichlorofluoromethane	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Vinyl chloride	ug/kg	< 350	< 210	< 300	< 170	< 180	< 160	< 190	< 140	< 200	< 340	< 380	< 420	< 210	< 220
Xylenes	ug/kg	< 700	---	< 600	< 350	< 360	< 330	< 380	< 280	---	< 680	< 760	< 830	< 410	---

	Date \ Time Collected	9/30/2011 8:50 AM	9/30/2011 8:50 AM	9/30/2011 8:45 AM	9/30/2011 10:25 AM	9/30/2011 10:25 AM	9/30/2011 11:00 AM	9/30/2011 9:40 AM	9/30/2011 10:10 AM	9/30/2011 10:10 AM	9/30/2011 2:00 PM	9/30/2011 2:00 PM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 11:30 AM	1/23/2014 1:50 PM
	Location	SBTC0100R 102	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 108	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 501	SBTC0100R 510
	Sample	SBTC0100R 102S 093011S010	SBTC0100R102S093011S010-split	SBTC0100R 103S 093011S010	SBTC0100R 104S 093011S007	SBTC0100R 104D 093011S007	SBTC0100R 105S 093011S010	SBTC0100R 106S 093011S010	SBTC0100R 107S 093011S010	SBTC0100R 107D 093011S010	SBTC0100R 108S 093011S010	SBTC0100R108S093011S010-split	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 501D 012214S007	SBTC0100R 510S 012314S024
	Depth	0.7 - 1.2 ft	0.7 - 1.2 ft	0 - 1 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0.5 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	1.5 - 2.35 ft
	USCS Code	OL	OL	OL	OL	OL	PT	OL	ML	ML	OL	OL	OL	OL	OL	PT
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result
Metals																
Arsenic	mg/kg	---	**21**	---	---	---	---	---	---	---	---	**15**	---	---	---	---
Barium	mg/kg	---	**130**	---	---	---	---	---	---	---	---	**190**	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.45**	**0.55**	< 0.50	< 0.50	< 0.50	< 0.85	< 0.50	< 0.50	< 0.72	**0.36**	< 0.57	---	< 0.55	< 1.2
Cadmium	mg/kg	---	**0.66**	---	---	---	---	---	---	---	---	**0.49**	---	---	---	---
Chromium (Total)	mg/kg	---	**10**	---	---	---	---	---	---	---	---	**10**	---	---	---	---
Copper	mg/kg	---	**22**	---	---	---	---	---	---	---	---	**19**	---	---	---	---
Iron	mg/kg	---	**33000**	---	---	---	---	---	---	---	---	**21000**	---	---	---	---
Lead	mg/kg	---	**19**	---	---	---	---	---	---	---	---	**15**	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.17	---	---	---	---	---	---	---	---	< 0.2	---	---	---	---
Molybdenum	mg/kg	**1.6**	**1.9**	**1.7**	**3.4**	**3**	**1.7**	< 1.7	**1.3**	< 1.0	**5.4**	**3.4**	**8.5**	---	**3.6**	**3.4**
Nickel	mg/kg	**6.4**	**14**	**9.9**	**12**	**10**	**8.2**	**5.8**	**4.6**	**3.3**	**12**	**12**	**12**	---	**9.1**	**11**
Selenium	mg/kg	---	**1.7**	---	---	---	---	---	---	---	---	**1.1**	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**7.9**	**19**	**22**	**16**	**17**	**13**	**7.5**	**6.3**	**5.8**	**18**	**15**	**19**	---	**14**	**9.6**
Zinc	mg/kg	---	**44**	---	---	---	---	---	---	---	---	**43**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 390	< 330	< 330	< 330	< 1900	< 330	---	< 330	< 330
Acenaphthene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Anthracene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Chrysene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Fluoranthene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Fluorene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1500	< 330	---	< 330	< 330
Naphthalene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Phenanthrene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330

	Date \ Time Collected	9/30/2011 8:50 AM	9/30/2011 8:50 AM	9/30/2011 8:45 AM	9/30/2011 10:25 AM	9/30/2011 10:25 AM	9/30/2011 11:00 AM	9/30/2011 9:40 AM	9/30/2011 10:10 AM	9/30/2011 10:10 AM	9/30/2011 2:00 PM	9/30/2011 2:00 PM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 11:30 AM	1/23/2014 1:50 PM
	Location	SBTC0100R 102	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 108	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 501	SBTC0100R 510
	Sample	SBTC0100R 102S 093011S010	SBTC0100R102S093011S010-split	SBTC0100R 103S 093011S010	SBTC0100R 104S 093011S007	SBTC0100R 104D 093011S007	SBTC0100R 105S 093011S010	SBTC0100R 106S 093011S010	SBTC0100R 107S 093011S010	SBTC0100R 107D 093011S010	SBTC0100R 108S 093011S010	SBTC0100R108S093011S010-split	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 501D 012214S007	SBTC0100R 510S 012314S024
	Depth	0.7 - 1.2 ft	0.7 - 1.2 ft	0 - 1 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0.5 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	1.5 - 2.35 ft
	USCS Code	OL	OL	OL	OL	OL	PT	OL	ML	ML	OL	OL	OL	OL	OL	PT
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result
Pyrene	ug/kg	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 760	< 330	---	< 330	< 330
Solids																
Moisture	%	**61**	---	**63**	**51**	**58**	**68**	**80**	**46**	**54**	**75**	---	**72**	**79**	**70**	**84**
Solids	%	---	**40.1**	---	---	---	---	---	---	---	---	**26.4**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 6.4	---	< 6.7	**6.3**	< 5.8	< 7.8	< 12	**6.9**	< 5.4	**26**	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	**140000**	---	---	---	---	---	---	---	---	**150000**	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 22000	---	---	---	---	---	---	---	---	< 33000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**22**	---	**13**	**42**	**46**	**62**	**50**	**31**	**33**	**120**	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/kg	---	**580000**	---	---	---	---	---	---	---	---	**690000**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,1,1-Trichloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,1,2,2-Tetrachloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,1,2-Trichloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,1-Dichloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,1-Dichloroethylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,2,3-Trichlorobenzene	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
1,2,3-Trichloropropane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,2,3-Trimethylbenzene	ug/kg	< 310	< 220	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 330	< 790	< 1400	< 760	< 310
1,2,4-Trichlorobenzene	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
1,2,4-Trimethylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,2-Dichlorobenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,2-Dichloroethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,2-Dichloropropane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,3,5-Trimethylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,3-Dichlorobenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,3-Dichloropropene, cis	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,3-Dichloropropene, trans	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
1,4-Dichloro-2-butene, trans	ug/kg	< 310	< 1100	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 1600	< 790	< 1400	< 760	< 310
1,4-Dichlorobenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
2-Butanone (MEK)	ug/kg	< 1000	< 1100	< 1200	< 750	< 890	< 1700	< 4500	< 750	< 750	< 2800	< 1600	< 2600	< 4700	< 2500	< 1000

	Date \ Time Collected	9/30/2011 8:50 AM	9/30/2011 8:50 AM	9/30/2011 8:45 AM	9/30/2011 10:25 AM	9/30/2011 10:25 AM	9/30/2011 11:00 AM	9/30/2011 9:40 AM	9/30/2011 10:10 AM	9/30/2011 10:10 AM	9/30/2011 2:00 PM	9/30/2011 2:00 PM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 11:30 AM	1/23/2014 1:50 PM
	Location	SBTC0100R 102	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 108	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 501	SBTC0100R 510
	Sample	SBTC0100R 102S 093011S010	SBTC0100R102S093011S010-split	SBTC0100R 103S 093011S010	SBTC0100R 104S 093011S007	SBTC0100R 104D 093011S007	SBTC0100R 105S 093011S010	SBTC0100R 106S 093011S010	SBTC0100R 107S 093011S010	SBTC0100R 107D 093011S010	SBTC0100R 108S 093011S010	SBTC0100R108S093011S010-split	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 501D 012214S007	SBTC0100R 510S 012314S024
	Depth	0.7 - 1.2 ft	0.7 - 1.2 ft	0 - 1 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0.5 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	1.5 - 2.35 ft
	USCS Code	OL	OL	OL	OL	OL	PT	OL	ML	ML	OL	OL	OL	OL	OL	PT
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result
2-Hexanone	ug/kg	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1000	< 1100	< 1200	< 640	< 890	< 1700	< 4500	< 480	< 720	< 2800	< 1600	< 2600	< 4700	< 2500	< 1000
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1600	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 2600	< 4300	< 3600	< 1600	< 2200	< 6100	< 11000	< 1200	< 1800	< 6900	< 6600	< 6600	< 12000	< 6300	< 2600
Acrylonitrile	ug/kg	< 310	< 1100	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 1600	< 790	< 1400	< 760	< 310
Benzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Bromobenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Bromochloromethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Bromodichloromethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Bromoform	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Bromomethane	ug/kg	< 310	< 860	< 360	< 200	< 270	< 520	< 1300	< 200	< 220	< 830	< 1300	< 790	< 1400	< 760	< 310
Carbon disulfide	ug/kg	< 310	< 220	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 330	< 790	< 1400	< 760	< 310
Carbon tetrachloride	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Chlorobenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Chloroethane	ug/kg	< 1000	< 1100	< 1200	< 640	< 890	< 1700	< 4500	< 480	< 720	< 2800	< 1600	< 2600	< 4700	< 2500	< 1000
Chloroform	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Chloromethane	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 530	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
cis-1,2-Dichloroethylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Cyclohexane	ug/kg	< 500	< 1100	< 500	< 500	< 500	< 520	< 1300	< 500	< 500	< 830	< 1600	< 790	< 1400	< 760	< 500
Dibromochloromethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Dibromochloropropane	ug/kg	< 310	< 1100	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 1600	< 790	< 1400	< 760	< 310
Dibromomethane	ug/kg	< 310	< 220	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 330	< 790	< 1400	< 760	< 310
Dichlorodifluoromethane	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
Diethyl ether	ug/kg	< 310	< 860	< 360	< 200	< 270	< 520	< 1300	< 200	< 220	< 830	< 1300	< 790	< 1400	< 760	< 310
Di-isopropyl ether (DIPE)	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
Ethylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Ethylene dibromide	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
Hexachloroethane	ug/kg	< 310	< 1100	< 360	< 300	< 300	< 520	< 1300	< 300	< 300	< 830	< 1600	< 790	< 1400	< 760	< 310
Isopropyl benzene	ug/kg	< 310	< 220	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 330	< 790	< 1400	< 760	< 310
m&p-Xylene	ug/kg	< 620	< 430	< 720	< 380	< 530	< 1000	< 2700	< 290	< 430	< 1700	< 660	< 1600	< 2800	< 1500	< 620
Methyl Iodide	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Methylene chloride	ug/kg	< 310	< 430	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 660	< 790	< 1400	< 760	< 310

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/30/2011 8:50 AM	9/30/2011 8:50 AM	9/30/2011 8:45 AM	9/30/2011 10:25 AM	9/30/2011 10:25 AM	9/30/2011 11:00 AM	9/30/2011 9:40 AM	9/30/2011 10:10 AM	9/30/2011 10:10 AM	9/30/2011 2:00 PM	9/30/2011 2:00 PM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 11:30 AM	1/23/2014 1:50 PM
	Location	SBTC0100R 102	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 108	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 501	SBTC0100R 510
	Sample	SBTC0100R 102S 093011S010	SBTC0100R102S093011S010-split	SBTC0100R 103S 093011S010	SBTC0100R 104S 093011S007	SBTC0100R 104D 093011S007	SBTC0100R 105S 093011S010	SBTC0100R 106S 093011S010	SBTC0100R 107S 093011S010	SBTC0100R 107D 093011S010	SBTC0100R 108S 093011S010	SBTC0100R108S093011S010-split	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 501D 012214S007	SBTC0100R 510S 012314S024
	Depth	0.7 - 1.2 ft	0.7 - 1.2 ft	0 - 1 ft	0 - 0.7 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0.5 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	1.5 - 2.35 ft
	USCS Code	OL	OL	OL	OL	OL	PT	OL	ML	ML	OL	OL	OL	OL	OL	PT
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 310	< 220	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 330	< 790	< 1400	< 760	< 310
Naphthalene	ug/kg	< 1000	< 1100	< 1200	< 640	< 890	< 1700	< 4500	< 480	< 720	< 2800	< 1600	< 2600	< 4700	< 2500	< 1000
n-Butylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
n-Propylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
o-Xylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
p-Isopropyl toluene (p-Cymene)	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
sec-Butylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Styrene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
t-Amyl methyl ether (TAME)	ug/kg	< 310	< 1100	< 360	< 250	< 270	< 520	< 1300	< 250	< 250	< 830	< 1600	< 790	< 1400	< 760	< 310
t-Butyl alcohol	ug/kg	< 2500	< 11000	< 2500	< 2500	< 2500	< 2500	< 4500	< 2500	< 2500	< 2800	< 16000	< 2600	< 4700	< 2500	< 2500
t-Butylbenzene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Tetrachloroethylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Tetrahydrofuran	ug/kg	< 1000	< 1100	< 1200	< 1000	< 1000	< 1700	< 4500	< 1000	< 1000	< 2800	< 1600	< 2600	< 4700	< 2500	< 1000
Toluene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
trans-1,2-Dichloroethylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Trichloroethylene	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Trichlorofluoromethane	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Vinyl chloride	ug/kg	< 310	< 220	< 360	< 190	< 270	< 520	< 1300	< 140	< 220	< 830	< 330	< 790	< 1400	< 760	< 310
Xylenes	ug/kg	< 620	---	< 720	< 380	< 530	< 1000	< 2700	< 290	< 430	< 1700	---	< 1600	< 2800	< 1500	< 620

	Date \ Time Collected	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	3/4/2014 11:20 AM	1/9/2012 11:45 AM	1/9/2012 11:45 AM	1/9/2012 11:20 AM	1/9/2012 10:50 AM	9/26/2011 5:00 PM	9/24/2011 12:10 PM	9/24/2011 10:50 AM	9/24/2011 10:50 AM	9/24/2011 9:25 AM
	Location	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 523	SBTC0100R 524	SBTC0100R 531	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592E	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 010A	SBTC0125L 010A	SBTC0125L 012A
	Sample	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 531S 030414S016	SBTC0100R 592S 010912S006	SBTC0100R592S010912S006-SPLIT	SBTC0100R 592CS 010912S008	SBTC0100R 592ES 010912S010	SBTC0125L 004AS 092611S010	SBTC0125L 006AS 092411S006	SBTC0125L 010AS 092411S006	SBTC0125L010AS092411S006-split	SBTC0125L 012AS 092411S004
	Depth	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0.1 - 0.35 ft	0 - 1 ft	0 - 1.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL-CL	OL	OL-ML	OL/ML	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	**86**	---	---	---	---	---	**11**	---
Barium	mg/kg	---	---	---	---	---	---	---	**180**	---	---	---	---	---	**61**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.68	< 0.50	**0.67**	**0.63**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30**	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	**0.74**	---	---	---	---	---	**0.22**	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	**14**	---	---	---	---	---	**8.5**	---
Copper	mg/kg	---	---	---	---	---	---	---	**16**	---	---	---	---	---	**12**	---
Iron	mg/kg	---	---	---	---	---	---	---	**90000**	---	---	---	---	---	**18000**	---
Lead	mg/kg	---	---	---	---	---	---	---	**24**	---	---	---	---	---	**9.0**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.42	---
Molybdenum	mg/kg	**3.9**	**1.9**	**2.5**	**3.4**	**2.3**	< 1.0	**3.3**	**3.2**	**6.8**	**6.6**	**2.8**	**2.4**	**1.8**	**1.6**	**1.6**
Nickel	mg/kg	**10**	**9.6**	**8.2**	**7.3**	**4.1**	**8.0**	**15**	**14**	**8.4**	**8.5**	**11**	**8.9**	**8.9**	**10**	**7.2**
Selenium	mg/kg	---	---	---	---	---	---	---	**1.5**	---	---	---	---	---	**0.63**	---
Silver	mg/kg	---	---	---	---	---	---	---	**0.11**	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**11**	**17**	**29**	**11**	**5.0**	**14**	**28**	**26**	**12**	**13**	**12**	**9.4**	**10**	**13**	**10**
Zinc	mg/kg	---	---	---	---	---	---	---	**62**	---	---	---	---	---	**34**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 4200	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 980	< 330	< 330	< 330	< 330	< 330	< 3300	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330

	Date \ Time Collected	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	3/4/2014 11:20 AM	1/9/2012 11:45 AM	1/9/2012 11:45 AM	1/9/2012 11:20 AM	1/9/2012 10:50 AM	9/26/2011 5:00 PM	9/24/2011 12:10 PM	9/24/2011 10:50 AM	9/24/2011 10:50 AM	9/24/2011 9:25 AM
	Location	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 523	SBTC0100R 524	SBTC0100R 531	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592E	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 010A	SBTC0125L 010A	SBTC0125L 012A
	Sample	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 531S 030414S016	SBTC0100R 592S 010912S006	SBTC0100R592S010912S006-SPLIT	SBTC0100R 592CS 010912S008	SBTC0100R 592ES 010912S010	SBTC0125L 004AS 092611S010	SBTC0125L 006AS 092411S006	SBTC0125L 010AS 092411S006	SBTC0125L010AS092411S006-split	SBTC0125L 012AS 092411S004
	Depth	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0.1 - 0.35 ft	0 - 1 ft	0 - 1.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL-CL	OL	OL-ML	OL/ML	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330	< 1700	< 330
Solids																
Moisture	%	**58**	**34**	**17**	**62**	**73**	**49**	**60**	---	**65**	**59**	**46**	**51**	**50**	---	**22**
Solids	%	---	---	---	---	---	---	---	**40.8**	---	---	---	---	---	**12.0**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	---	---	**30**	---	**72**	**190**	**18**	**12**	**6.5**	---	**17**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	< 61000	---	---	---	---	---	< 210000	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	---	---	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	< 20000	---	---	---	---	---	< 77000	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	---	---	**290**	---	**980**	**1100**	**93**	**93**	**48**	---	**150**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	< 250000	---	---	---	---	---	**1700000**	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,1,1-Trichloroethane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,1,2,2-Tetrachloroethane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,1,2-Trichloroethane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,1-Dichloroethane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,1-Dichloroethylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,2,3-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
1,2,3-Trichloropropane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,2,3-Trimethylbenzene	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 200	< 410	< 280	< 250	< 250	< 250	< 770	< 250
1,2,4-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
1,2,4-Trimethylbenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,2-Dichlorobenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,2-Dichloroethane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,2-Dichloropropane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,3,5-Trimethylbenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,3-Dichlorobenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
1,3-Dichloropropene, cis	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,3-Dichloropropene, trans	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
1,4-Dichloro-2-butene, trans	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 1000	< 410	< 280	< 150	< 200	< 210	< 3800	< 60
1,4-Dichlorobenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
2-Butanone (MEK)	ug/kg	< 980	< 750	< 750	< 1400	< 2900	< 750	< 1000	< 1000	< 1400	< 950	< 750	< 750	< 750	< 3800	< 750

	Date \ Time Collected	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	3/4/2014 11:20 AM	1/9/2012 11:45 AM	1/9/2012 11:45 AM	1/9/2012 11:20 AM	1/9/2012 10:50 AM	9/26/2011 5:00 PM	9/24/2011 12:10 PM	9/24/2011 10:50 AM	9/24/2011 10:50 AM	9/24/2011 9:25 AM
	Location	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 523	SBTC0100R 524	SBTC0100R 531	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592E	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 010A	SBTC0125L 010A	SBTC0125L 012A
	Sample	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 531S 030414S016	SBTC0100R 592S 010912S006	SBTC0100R592S010912S006-SPLIT	SBTC0100R 592CS 010912S008	SBTC0100R 592ES 010912S010	SBTC0125L 004AS 092611S010	SBTC0125L 006AS 092411S006	SBTC0125L 010AS 092411S006	SBTC0125L010AS092411S006-split	SBTC0125L 012AS 092411S004
	Depth	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0.1 - 0.35 ft	0 - 1 ft	0 - 1.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL-CL	OL	OL-ML	OL/ML	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 3800	< 2500
2-Methylnaphthalene	ug/kg	< 980	< 330	< 330	< 1400	< 2900	< 650	< 1000	< 1000	< 1400	< 950	< 500	< 680	< 710	< 3800	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 3800	< 2500
Acetone	ug/kg	< 2500	< 1000	< 1000	< 3500	< 7300	< 1600	< 2500	< 4100	< 3400	< 2800	< 1200	< 1700	< 1800	< 15000	< 1000
Acrylonitrile	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 1000	< 410	< 280	< 150	< 200	< 210	< 3800	< 100
Benzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Bromobenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Bromochloromethane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Bromodichloromethane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Bromoform	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Bromomethane	ug/kg	< 290	< 200	< 200	< 420	< 880	< 200	< 300	< 810	< 410	< 280	< 200	< 200	< 210	< 3100	< 200
Carbon disulfide	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 200	< 410	< 280	< 250	< 250	< 250	< 770	< 250
Carbon tetrachloride	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Chlorobenzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Chloroethane	ug/kg	< 980	< 320	< 250	< 1400	< 2900	< 650	< 1000	< 1000	< 1400	< 950	< 500	< 680	< 710	< 3800	< 250
Chloroform	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Chloromethane	ug/kg	< 290	< 250	< 250	< 420	**2500**	< 250	< 300	< 1000	< 680	< 280	< 250	< 510	< 570	< 3800	< 250
cis-1,2-Dichloroethylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 880	< 500	< 500	< 1000	< 500	< 500	< 500	< 500	< 500	< 3800	< 500
Dibromochloromethane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Dibromochloropropane	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 1000	< 410	< 280	< 150	< 200	< 210	< 3800	< 60
Dibromomethane	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 200	< 410	< 280	< 250	< 250	< 250	< 770	< 250
Dichlorodifluoromethane	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
Diethyl ether	ug/kg	< 290	< 200	< 200	< 420	< 880	< 200	< 300	< 810	< 410	< 280	< 200	< 200	< 210	< 3100	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
Ethylbenzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Ethylene dibromide	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 420	< 880	< 300	< 300	< 1000	< 410	< 300	< 300	< 300	< 300	< 3800	< 300
Isopropyl benzene	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 200	< 410	< 280	< 250	< 250	< 250	< 770	< 250
m&p-Xylene	ug/kg	< 590	< 190	< 100	< 840	< 1800	< 390	< 610	< 410	< 810	< 570	< 300	< 410	< 430	< 1500	< 120
Methyl Iodide	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Methylene chloride	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 410	< 410	< 280	< 150	< 200	< 210	< 1500	< 100

	Date \ Time Collected	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	3/4/2014 11:20 AM	1/9/2012 11:45 AM	1/9/2012 11:45 AM	1/9/2012 11:20 AM	1/9/2012 10:50 AM	9/26/2011 5:00 PM	9/24/2011 12:10 PM	9/24/2011 10:50 AM	9/24/2011 10:50 AM	9/24/2011 9:25 AM
	Location	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 523	SBTC0100R 524	SBTC0100R 531	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592E	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 010A	SBTC0125L 010A	SBTC0125L 012A
	Sample	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 531S 030414S016	SBTC0100R 592S 010912S006	SBTC0100R592S010912S006-SPLIT	SBTC0100R 592CS 010912S008	SBTC0100R 592ES 010912S010	SBTC0125L 004AS 092611S010	SBTC0125L 006AS 092411S006	SBTC0125L 010AS 092411S006	SBTC0125L010AS092411S006-split	SBTC0125L 012AS 092411S004
	Depth	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0.1 - 0.35 ft	0 - 1 ft	0 - 1.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0 - 1 ft	0 - 1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL-CL	OL	OL-ML	OL/ML	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 200	< 410	< 280	< 250	< 250	< 250	< 770	< 250
Naphthalene	ug/kg	< 980	< 330	< 330	< 1400	< 2900	< 650	< 1000	< 1000	< 1400	< 950	< 500	< 680	< 710	< 3800	< 330
n-Butylbenzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
n-Propylbenzene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
o-Xylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
p-Isopropyl toluene (p-Cymene)	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
sec-Butylbenzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Styrene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
t-Amyl methyl ether (TAME)	ug/kg	< 290	< 250	< 250	< 420	< 880	< 250	< 300	< 1000	< 410	< 280	< 250	< 250	< 250	< 3800	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2900	< 2500	< 2500	< 10000	< 2500	< 2500	< 2500	< 2500	< 2500	< 38000	< 2500
t-Butylbenzene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Tetrachloroethylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1400	< 2900	< 1000	< 1000	< 1000	< 1400	< 1000	< 1000	< 1000	< 1000	< 3800	< 1000
Toluene	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	**5000**	< 150	< 200	< 210	< 770	< 100
trans-1,2-Dichloroethylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Trichloroethylene	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Trichlorofluoromethane	ug/kg	< 290	< 100	< 100	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 100
Vinyl chloride	ug/kg	< 290	< 95	< 51	< 420	< 880	< 200	< 300	< 200	< 410	< 280	< 150	< 200	< 210	< 770	< 60
Xylenes	ug/kg	< 590	< 190	< 100	< 840	< 1800	< 390	< 610	---	< 810	< 570	< 300	< 410	< 430	---	< 120

	Date \ Time Collected	9/24/2011 9:15 AM	9/23/2011 6:10 PM	9/24/2011 8:20 AM	9/23/2011 1:15 PM	9/23/2011 4:50 PM	9/23/2011 2:15 PM	9/23/2011 2:15 PM	9/23/2011 3:15 PM	9/23/2011 3:15 PM	9/23/2011 3:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	2/4/2014 9:10 AM	9/20/2011 5:05 PM
	Location	SBTC0125L 014D	SBTC0125L 016A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 023	SBTC0125L 024	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 028	SBTC0125L 028	SBTC0125L 502	SBTC0125R 002
	Sample	SBTC0125L 014DS 092411S004	SBTC0125L 016AS 092311S007	SBTC0125L 018AS 092411S002	SBTC0125L 020S 092311S003	SBTC0125L 022AS 092311S003	SBTC0125L 023S 092311S010	SBTC0125L023S092311S010-split	SBTC0125L 024S 092311S010	SBTC0125L024S092311S010-split	SBTC0125L 026S 092311S008	SBTC0125L 028S 092311S008	SBTC0125L 028D 092311S008	SBTC0125L028S092311S008-split	SBTC0125L 502S 020414S007	SBTC0125R 002S 092011S003
	Depth	0 - 0.4 ft	0 - 0.7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0.5 - 0.7 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	OL	ML	ML	OL	OL	OL	GP	GP	GP	ML	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result	Result	Duplicate	Split	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	**4.5**	---	**18**	---	---	---	**10**	---	---
Barium	mg/kg	---	---	---	---	---	---	**38**	---	**49**	---	---	---	**20**	---	---
Beryllium	mg/kg	< 0.51	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	**0.25**	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	< 0.2	---	**0.20**	---	---	---	< 0.2	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**11**	---	**8.4**	---	---	---	**9.5**	---	---
Copper	mg/kg	---	---	---	---	---	---	**11**	---	**9.5**	---	---	---	**13**	---	---
Iron	mg/kg	---	---	---	---	---	---	**13000**	---	**22000**	---	---	---	**18000**	---	---
Lead	mg/kg	---	---	---	---	---	---	**6.4**	---	**13**	---	---	---	**7.1**	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.05	---	< 0.05	---	---	---	< 0.05	---	---
Molybdenum	mg/kg	**3.5**	**2.4**	**3.1**	**4**	**2.3**	**2**	**1.5**	**1.7**	**1.3**	**1.6**	< 1.0	**1.1**	< 1	**2.9**	**6.1**
Nickel	mg/kg	**9.0**	**9.0**	**11**	**5.4**	**13**	**10**	**8.9**	**17**	**11**	**11**	**13**	**15**	**13**	**9.0**	**9.4**
Selenium	mg/kg	---	---	---	---	---	---	**0.31**	---	**0.54**	---	---	---	< 0.2	---	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	< 0.1	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**14**	**12**	**14**	**6.7**	**15**	**24**	**16**	**15**	**13**	**21**	**12**	**15**	**12**	**11**	**10**
Zinc	mg/kg	---	---	---	---	---	---	**26**	---	**36**	---	---	---	**43**	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 730	< 330	< 330	< 330	< 550	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 540	< 330	< 580	< 330	< 330	< 330	< 440	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330

	Date \ Time Collected	9/24/2011 9:15 AM	9/23/2011 6:10 PM	9/24/2011 8:20 AM	9/23/2011 1:15 PM	9/23/2011 4:50 PM	9/23/2011 2:15 PM	9/23/2011 2:15 PM	9/23/2011 3:15 PM	9/23/2011 3:15 PM	9/23/2011 3:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	2/4/2014 9:10 AM	9/20/2011 5:05 PM
	Location	SBTC0125L 014D	SBTC0125L 016A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 023	SBTC0125L 024	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 028	SBTC0125L 028	SBTC0125L 502	SBTC0125R 002
	Sample	SBTC0125L 014DS 092411S004	SBTC0125L 016AS 092311S007	SBTC0125L 018AS 092411S002	SBTC0125L 020S 092311S003	SBTC0125L 022AS 092311S003	SBTC0125L 023S 092311S010	SBTC0125L023S092311S010-split	SBTC0125L 024S 092311S010	SBTC0125L024S092311S010-split	SBTC0125L 026S 092311S008	SBTC0125L 028S 092311S008	SBTC0125L 028D 092311S008	SBTC0125L028S092311S008-split	SBTC0125L 502S 020414S007	SBTC0125R 002S 092011S003
	Depth	0 - 0.4 ft	0 - 0.7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0.5 - 0.7 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	OL	ML	ML	OL	OL	OL	GP	GP	GP	ML	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result	Result	Duplicate	Split	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 290	< 330	< 330	< 330	< 220	< 330	< 330
Solids																
Moisture	%	**56**	**47**	**28**	**44**	**41**	**25**	---	**20**	---	**30**	**7.1**	**7.2**	---	**63**	**57**
Solids	%	---	---	---	---	---	---	**73.7**	---	**68.5**	---	---	---	**91.6**	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**25**	**6.4**	**27**	**6.9**	**20**	**6.0**	---	**21**	---	**26**	< 4.0	**4.2**	---	---	**13**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 34000	---	< 36000	---	---	---	< 27000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	---	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 8800	---	< 9800	---	---	---	< 6000	---	---
Oil Range Organics (C20-C34)	mg/kg	**63**	**35**	**200**	**71**	**140**	**12**	---	**130**	---	**120**	**22**	**24**	---	---	**70**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	< 140000	---	< 150000	---	---	---	< 110000	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,1,1-Trichloroethane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,1,2,2-Tetrachloroethane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,1,2-Trichloroethane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,1-Dichloroethane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,1-Dichloroethylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
1,2,3-Trichloropropane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 88	< 250	< 98	< 250	< 250	< 250	< 60	< 390	< 260
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
1,2,4-Trimethylbenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,2-Dichlorobenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,2-Dichloroethane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,2-Dichloropropane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,3,5-Trimethylbenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,3-Dichlorobenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
1,3-Dichloropropene, cis	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,3-Dichloropropene, trans	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
1,4-Dichloro-2-butene, trans	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 440	< 56	< 490	< 80	< 50	< 50	< 300	< 390	< 260
1,4-Dichlorobenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
2-Butanone (MEK)	ug/kg	< 800	< 750	< 750	< 750	< 750	< 750	< 440	< 750	< 490	< 750	< 750	< 750	< 300	< 1300	< 850

	Date \ Time Collected	9/24/2011 9:15 AM	9/23/2011 6:10 PM	9/24/2011 8:20 AM	9/23/2011 1:15 PM	9/23/2011 4:50 PM	9/23/2011 2:15 PM	9/23/2011 2:15 PM	9/23/2011 3:15 PM	9/23/2011 3:15 PM	9/23/2011 3:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	2/4/2014 9:10 AM	9/20/2011 5:05 PM
	Location	SBTC0125L 014D	SBTC0125L 016A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 023	SBTC0125L 024	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 028	SBTC0125L 028	SBTC0125L 502	SBTC0125R 002
	Sample	SBTC0125L 014DS 092411S004	SBTC0125L 016AS 092311S007	SBTC0125L 018AS 092411S002	SBTC0125L 020S 092311S003	SBTC0125L 022AS 092311S003	SBTC0125L 023S 092311S010	SBTC0125L023S092311S010-split	SBTC0125L 024S 092311S010	SBTC0125L024S092311S010-split	SBTC0125L 026S 092311S008	SBTC0125L 028S 092311S008	SBTC0125L 028D 092311S008	SBTC0125L028S092311S008-split	SBTC0125L 502S 020414S007	SBTC0125R 002S 092011S003
	Depth	0 - 0.4 ft	0 - 0.7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0.5 - 0.7 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	OL	ML	ML	OL	OL	OL	GP	GP	GP	ML	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result	Result	Duplicate	Split	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 440	< 2500	< 490	< 2500	< 2500	< 2500	< 300	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 800	< 530	< 330	< 330	< 410	< 330	< 440	< 330	< 490	< 330	< 330	< 330	< 300	< 1300	< 850
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 440	< 2500	< 490	< 2500	< 2500	< 2500	< 300	< 2500	< 2500
Acetone	ug/kg	< 2000	< 1300	< 1000	< 1000	< 1000	< 1000	< 1800	< 1000	< 2000	< 1000	< 1000	< 1000	< 1200	< 3300	< 2100
Acrylonitrile	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 440	< 100	< 490	< 100	< 100	< 100	< 300	< 390	< 260
Benzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Bromobenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Bromochloromethane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Bromodichloromethane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Bromoform	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Bromomethane	ug/kg	< 240	< 200	< 200	< 200	< 200	< 200	< 350	< 200	< 390	< 200	< 200	< 200	< 240	< 390	< 260
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 88	< 250	< 98	< 250	< 250	< 250	< 60	< 390	< 260
Carbon tetrachloride	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Chlorobenzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Chloroethane	ug/kg	< 800	< 530	< 320	< 250	< 410	< 250	< 440	< 250	< 490	< 270	< 250	< 250	< 300	< 1300	< 850
Chloroform	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
cis-1,2-Dichloroethylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 440	< 500	< 490	< 500	< 500	< 500	< 300	< 500	< 500
Dibromochloromethane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Dibromochloropropane	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 440	< 56	< 490	< 80	< 37	< 37	< 300	< 390	< 260
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 88	< 250	< 98	< 250	< 250	< 250	< 60	< 390	< 260
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
Diethyl ether	ug/kg	< 240	< 200	< 200	< 200	< 200	< 200	< 350	< 200	< 390	< 200	< 200	< 200	< 240	< 390	< 260
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
Ethylbenzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Ethylene dibromide	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 37	< 37	< 60	< 390	< 260
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 440	< 300	< 490	< 300	< 300	< 300	< 300	< 390	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 88	< 250	< 98	< 250	< 250	< 250	< 60	< 390	< 260
m&p-Xylene	ug/kg	< 480	< 320	< 190	< 110	< 240	< 130	< 180	< 110	< 200	< 160	< 100	< 100	< 120	< 780	< 510
Methyl Iodide	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Methylene chloride	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 180	< 100	< 200	< 100	< 100	< 100	< 120	< 390	< 260

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/24/2011 9:15 AM	9/23/2011 6:10 PM	9/24/2011 8:20 AM	9/23/2011 1:15 PM	9/23/2011 4:50 PM	9/23/2011 2:15 PM	9/23/2011 2:15 PM	9/23/2011 3:15 PM	9/23/2011 3:15 PM	9/23/2011 3:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	9/23/2011 4:20 PM	2/4/2014 9:10 AM	9/20/2011 5:05 PM
	Location	SBTC0125L 014D	SBTC0125L 016A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 023	SBTC0125L 024	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 028	SBTC0125L 028	SBTC0125L 502	SBTC0125R 002
	Sample	SBTC0125L 014DS 092411S004	SBTC0125L 016AS 092311S007	SBTC0125L 018AS 092411S002	SBTC0125L 020S 092311S003	SBTC0125L 022AS 092311S003	SBTC0125L 023S 092311S010	SBTC0125L023S092311S010-split	SBTC0125L 024S 092311S010	SBTC0125L024S092311S010-split	SBTC0125L 026S 092311S008	SBTC0125L 028S 092311S008	SBTC0125L 028D 092311S008	SBTC0125L028S092311S008-split	SBTC0125L 502S 020414S007	SBTC0125R 002S 092011S003
	Depth	0 - 0.4 ft	0 - 0.7 ft	0 - 0.2 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0 - 0.8 ft	0.5 - 0.7 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	OL	ML	ML	OL	OL	OL	GP	GP	GP	ML	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result	Result	Duplicate	Split	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 88	< 250	< 98	< 250	< 250	< 250	< 60	< 390	< 260
Naphthalene	ug/kg	< 800	< 530	< 330	< 330	< 410	< 330	< 440	< 330	< 490	< 330	< 330	< 330	< 300	< 1300	< 850
n-Butylbenzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
n-Propylbenzene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
o-Xylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
p-Isopropyl toluene (p-Cymene)	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
sec-Butylbenzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Styrene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 490	< 250	< 250	< 250	< 300	< 390	< 260
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 4400	< 2500	< 4900	< 2500	< 2500	< 2500	< 3000	< 2500	< 2500
t-Butylbenzene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Tetrachloroethylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 440	< 1000	< 490	< 1000	< 1000	< 1000	< 300	< 1300	< 1000
Toluene	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
trans-1,2-Dichloroethylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Trichloroethylene	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 50	< 50	< 60	< 390	< 260
Trichlorofluoromethane	ug/kg	< 240	< 160	< 100	< 100	< 120	< 100	< 88	< 100	< 98	< 100	< 100	< 100	< 60	< 390	< 260
Vinyl chloride	ug/kg	< 240	< 160	< 96	< 54	< 120	< 66	< 88	< 56	< 98	< 80	< 40	< 40	< 60	< 390	< 260
Xylenes	ug/kg	< 480	< 320	< 190	< 110	< 240	< 130	---	< 110	---	< 160	< 100	< 100	---	< 780	< 510

	Date \ Time Collected	9/20/2011 5:08 PM	9/20/2011 5:20 PM	9/22/2011 2:55 PM	9/22/2011 3:10 PM	9/21/2011 9:55 AM	9/21/2011 9:55 AM	9/22/2011 6:20 PM	9/23/2011 9:05 AM	9/21/2011 12:10 PM	9/21/2011 12:10 PM	9/22/2011 4:00 PM	9/21/2011 12:42 PM	9/21/2011 2:03 PM	9/21/2011 2:48 PM
	Location	SBTC0125R 003	SBTC0125R 004	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 010	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 016	SBTC0125R 016	SBTC0125R 016A	SBTC0125R 018	SBTC0125R 020	SBTC0125R 022
	Sample	SBTC0125R 003S 092011S010	SBTC0125R 004S 092011S010	SBTC0125R 006AS 092211S010	SBTC0125R 008AS 092211S004	SBTC0125R 010S 092111S010	SBTC0125R010S092111S010-split	SBTC0125R 012CS 092211S003	SBTC0125R 012DS 092311S007	SBTC0125R 016S 092111S010	SBTC0125R016S092111S010-split	SBTC0125R 016AS 092211S003	SBTC0125R 018S 092111S006	SBTC0125R 020S 092111S004	SBTC0125R 022S 092111S003
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 0.4 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	ML	ML	OL	OL	SM	SM	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	**12**	---	---	---	**6.2**	---	---	---	---
Barium	mg/kg	---	---	---	---	---	**59**	---	---	---	**39**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.29**	< 0.50	< 0.50	< 0.50	**0.30**	< 0.50	< 0.57	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	**0.31**	---	---	---	< 0.2	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	**10**	---	---	---	**10**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	**18**	---	---	---	**12**	---	---	---	---
Iron	mg/kg	---	---	---	---	---	**19000**	---	---	---	**13000**	---	---	---	---
Lead	mg/kg	---	---	---	---	---	**11**	---	---	---	**6.5**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	< 0.05	---	---	---	< 0.05	---	---	---	---
Molybdenum	mg/kg	**2.4**	**1.9**	**4.8**	**5.4**	**1.5**	**2.2**	**4**	**3.9**	**1.3**	**1.4**	**3.1**	**5.5**	**4.9**	**5.2**
Nickel	mg/kg	**13**	**7.0**	**7.9**	**7.2**	**12**	**12**	**7.2**	**7.1**	**8.6**	**12**	**8.0**	**8.2**	**8.3**	**7.4**
Selenium	mg/kg	---	---	---	---	---	**0.64**	---	---	---	**0.43**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	< 0.1	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**16**	**10**	**9.3**	**11**	**22**	**17**	**11**	**10**	**14**	**17**	**11**	**12**	**12**	**9.0**
Zinc	mg/kg	---	---	---	---	---	**33**	---	---	---	**29**	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 740	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/20/2011 5:08 PM	9/20/2011 5:20 PM	9/22/2011 2:55 PM	9/22/2011 3:10 PM	9/21/2011 9:55 AM	9/21/2011 9:55 AM	9/22/2011 6:20 PM	9/23/2011 9:05 AM	9/21/2011 12:10 PM	9/21/2011 12:10 PM	9/22/2011 4:00 PM	9/21/2011 12:42 PM	9/21/2011 2:03 PM	9/21/2011 2:48 PM
	Location	SBTC0125R 003	SBTC0125R 004	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 010	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 016	SBTC0125R 016	SBTC0125R 016A	SBTC0125R 018	SBTC0125R 020	SBTC0125R 022
	Sample	SBTC0125R 003S 092011S010	SBTC0125R 004S 092011S010	SBTC0125R 006AS 092211S010	SBTC0125R 008AS 092211S004	SBTC0125R 010S 092111S010	SBTC0125R010S092111S010-split	SBTC0125R 012CS 092211S003	SBTC0125R 012DS 092311S007	SBTC0125R 016S 092111S010	SBTC0125R016S092111S010-split	SBTC0125R 016AS 092211S003	SBTC0125R 018S 092111S006	SBTC0125R 020S 092111S004	SBTC0125R 022S 092111S003
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 0.4 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	ML	ML	OL	OL	SM	SM	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330
Solids															
Moisture	%	**40**	**32**	**57**	**60**	**28**	---	**47**	**48**	**20**	---	**45**	**64**	**55**	**55**
Solids	%	---	---	---	---	---	**67.8**	---	---	---	**80.1**	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**5.9**	**6.6**	< 58	< 6.3	< 4.0	---	< 4.7	**16**	**4.4**	---	**9.9**	< 6.9	**6.5**	**8.0**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	< 37000	---	---	---	< 31000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	< 9800	---	---	---	< 7700	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**26**	**39**	**160**	**44**	**4.5**	---	**30**	**140**	< 4.0	---	**73**	**37**	**6.6**	**5.7**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	**260000**	---	---	---	< 120000	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,1,1-Trichloroethane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,1,2,2-Tetrachloroethane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,1,2-Trichloroethane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,1-Dichloroethane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,1-Dichloroethylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 300	< 250	< 98	< 250	< 250	< 250	< 77	< 250	< 380	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,2-Dichlorobenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,2-Dichloroethane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,2-Dichloropropane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,3,5-Trimethylbenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,3-Dichlorobenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
1,3-Dichloropropene, cis	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,3-Dichloropropene, trans	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
1,4-Dichloro-2-butene, trans	ug/kg	< 120	< 85	< 250	< 300	< 74	< 490	< 160	< 160	< 56	< 380	< 140	< 380	< 230	< 230
1,4-Dichlorobenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
2-Butanone (MEK)	ug/kg	< 750	< 750	< 850	< 1000	< 750	< 490	< 750	< 750	< 750	< 380	< 750	< 1300	< 770	< 770

	Date \ Time Collected	9/20/2011 5:08 PM	9/20/2011 5:20 PM	9/22/2011 2:55 PM	9/22/2011 3:10 PM	9/21/2011 9:55 AM	9/21/2011 9:55 AM	9/22/2011 6:20 PM	9/23/2011 9:05 AM	9/21/2011 12:10 PM	9/21/2011 12:10 PM	9/22/2011 4:00 PM	9/21/2011 12:42 PM	9/21/2011 2:03 PM	9/21/2011 2:48 PM
	Location	SBTC0125R 003	SBTC0125R 004	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 010	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 016	SBTC0125R 016	SBTC0125R 016A	SBTC0125R 018	SBTC0125R 020	SBTC0125R 022
	Sample	SBTC0125R 003S 092011S010	SBTC0125R 004S 092011S010	SBTC0125R 006AS 092211S010	SBTC0125R 008AS 092211S004	SBTC0125R 010S 092111S010	SBTC0125R010S092111S010-split	SBTC0125R 012CS 092211S003	SBTC0125R 012DS 092311S007	SBTC0125R 016S 092111S010	SBTC0125R016S092111S010-split	SBTC0125R 016AS 092211S003	SBTC0125R 018S 092111S006	SBTC0125R 020S 092111S004	SBTC0125R 022S 092111S003
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 0.4 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	ML	ML	OL	OL	SM	SM	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 490	< 2500	< 2500	< 2500	< 380	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 390	< 330	< 850	< 1000	< 330	< 490	< 530	< 540	< 330	< 380	< 480	< 1300	< 770	< 770
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 490	< 2500	< 2500	< 2500	< 380	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 1000	< 2100	< 2500	< 1000	< 2000	< 1300	< 1500	< 1000	< 1500	< 1200	< 3100	< 1900	< 1900
Acrylonitrile	ug/kg	< 120	< 100	< 250	< 300	< 100	< 490	< 160	< 160	< 100	< 380	< 140	< 380	< 230	< 230
Benzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Bromobenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Bromochloromethane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Bromodichloromethane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Bromoform	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Bromomethane	ug/kg	< 200	< 200	< 250	< 300	< 200	< 390	< 200	< 200	< 200	< 310	< 200	< 380	< 230	< 230
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 300	< 250	< 98	< 250	< 250	< 250	< 77	< 250	< 380	< 250	< 250
Carbon tetrachloride	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Chlorobenzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Chloroethane	ug/kg	< 390	< 280	< 850	< 1000	< 250	< 490	< 530	< 540	< 250	< 380	< 480	< 1300	< 770	< 770
Chloroform	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Chloromethane	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 490	< 500	< 500	< 500	< 380	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Dibromochloropropane	ug/kg	< 120	< 85	< 250	< 300	< 74	< 490	< 160	< 160	< 56	< 380	< 140	< 380	< 230	< 230
Dibromomethane	ug/kg	< 250	< 250	< 250	< 300	< 250	< 98	< 250	< 250	< 250	< 77	< 250	< 380	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 250	< 300	< 200	< 390	< 200	< 200	< 200	< 310	< 200	< 380	< 230	< 230
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
Ethylbenzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Ethylene dibromide	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 490	< 300	< 300	< 300	< 380	< 300	< 380	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 300	< 250	< 98	< 250	< 250	< 250	< 77	< 250	< 380	< 250	< 250
m&p-Xylene	ug/kg	< 230	< 170	< 510	< 610	< 150	< 200	< 320	< 330	< 110	< 150	< 290	< 750	< 460	< 460
Methyl Iodide	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Methylene chloride	ug/kg	< 120	< 100	< 250	< 300	< 100	< 200	< 160	< 160	< 100	< 150	< 140	< 380	< 380	< 230

	Date \ Time Collected	9/20/2011 5:08 PM	9/20/2011 5:20 PM	9/22/2011 2:55 PM	9/22/2011 3:10 PM	9/21/2011 9:55 AM	9/21/2011 9:55 AM	9/22/2011 6:20 PM	9/23/2011 9:05 AM	9/21/2011 12:10 PM	9/21/2011 12:10 PM	9/22/2011 4:00 PM	9/21/2011 12:42 PM	9/21/2011 2:03 PM	9/21/2011 2:48 PM
	Location	SBTC0125R 003	SBTC0125R 004	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 010	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 016	SBTC0125R 016	SBTC0125R 016A	SBTC0125R 018	SBTC0125R 020	SBTC0125R 022
	Sample	SBTC0125R 003S 092011S010	SBTC0125R 004S 092011S010	SBTC0125R 006AS 092211S010	SBTC0125R 008AS 092211S004	SBTC0125R 010S 092111S010	SBTC0125R010S092111S010-split	SBTC0125R 012CS 092211S003	SBTC0125R 012DS 092311S007	SBTC0125R 016S 092111S010	SBTC0125R016S092111S010-split	SBTC0125R 016AS 092211S003	SBTC0125R 018S 092111S006	SBTC0125R 020S 092111S004	SBTC0125R 022S 092111S003
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 1 ft	0 - 1 ft	0 - 0.3 ft	0 - 0.6 ft	0 - 0.4 ft	0 - 0.3 ft
	USCS Code	OL	OL	OL	OL	ML	ML	OL	OL	SM	SM	OL	OL	OL	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 300	< 250	< 98	< 250	< 250	< 250	< 77	< 250	< 380	< 250	< 250
Naphthalene	ug/kg	< 390	< 330	< 850	< 1000	< 330	< 490	< 530	< 540	< 330	< 380	< 480	< 1300	< 770	< 770
n-Butylbenzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
n-Propylbenzene	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
o-Xylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
p-Isopropyl toluene (p-Cymene)	ug/kg	< 120	< 100	**700**	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
sec-Butylbenzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Styrene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 300	< 250	< 490	< 250	< 250	< 250	< 380	< 250	< 380	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 4900	< 2500	< 2500	< 2500	< 3800	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Tetrachloroethylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 490	< 1000	< 1000	< 1000	< 380	< 1000	< 1300	< 1000	< 1000
Toluene	ug/kg	< 120	< 100	**900**	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
trans-1,2-Dichloroethylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Trichloroethylene	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Trichlorofluoromethane	ug/kg	< 120	< 100	< 250	< 300	< 100	< 98	< 160	< 160	< 100	< 77	< 140	< 380	< 230	< 230
Vinyl chloride	ug/kg	< 120	< 85	< 250	< 300	< 74	< 98	< 160	< 160	< 56	< 77	< 140	< 380	< 230	< 230
Xylenes	ug/kg	< 230	< 170	< 510	< 610	< 150	---	< 320	< 330	< 110	---	< 290	< 750	< 460	< 460

Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 4:20 PM	9/22/2011 4:20 PM	9/21/2011 5:09 PM	9/21/2011 5:10 PM	9/23/2011 2:25 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0125R 024A	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0125R 024AS 092211S010	SBTC0125R024AS092211S010-split	SBTC0125R 025S 092111S006	SBTC0125R 026S 092111S010	SBTC0125R 028AS 092311S010	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0.6 - 1 ft	0.6 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	USCS Code	SM	SM	ML	SP	OL	SW	SP-SM	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
Metals									
Arsenic	mg/kg	---	**7.1**	---	---	---	---	---	---
Barium	mg/kg	---	**54**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.33**	< 0.50	< 0.50	< 0.50	---	---	---
Cadmium	mg/kg	---	**0.38**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**9.6**	---	---	---	---	---	---
Copper	mg/kg	---	**6.8**	---	---	---	---	---	---
Iron	mg/kg	---	**12000**	---	---	---	---	---	---
Lead	mg/kg	---	**80**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1	**1.1**	< 1.0	**1.7**	< 1.0	< 1.0	---
Nickel	mg/kg	**7.3**	**9.4**	**5.3**	**6.2**	**13**	---	---	---
Selenium	mg/kg	---	**0.30**	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**13**	**15**	**11**	**13**	**21**	---	---	---
Zinc	mg/kg	---	**39**	---	---	---	---	---	---
PNA									
2-Methylnaphthalene	ug/kg	< 330	< 610	< 330	< 330	< 330	---	---	---
Acenaphthene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Acenaphthylene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Anthracene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Benzo(a)anthracene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Benzo(a)pyrene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Benzo(b)fluoranthene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Benzo(g,h,i)perylene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Benzo(k)fluoranthene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Chrysene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Dibenzo(a,h)anthracene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Fluoranthene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Fluorene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 490	< 330	< 330	< 330	---	---	---
Naphthalene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Phenanthrene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---

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Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 4:20 PM	9/22/2011 4:20 PM	9/21/2011 5:09 PM	9/21/2011 5:10 PM	9/23/2011 2:25 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0125R 024A	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0125R 024AS 092211S010	SBTC0125R02 4AS092211S0 10-split	SBTC0125R 025S 092111S006	SBTC0125R 026S 092111S010	SBTC0125R 028AS 092311S010	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0.6 - 1 ft	0.6 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	USCS Code	SM	SM	ML	SP	OL	SW	SP-SM	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
Pyrene	ug/kg	< 330	< 240	< 330	< 330	< 330	---	---	---
Solids									
Moisture	%	**18**	---	**28**	**15**	**20**	**5.8**	**11**	**37**
Solids	%	---	**82.2**	---	---	---	---	---	---
TPH									
Diesel Range Organics (C10-C20)	mg/kg	**7.9**	---	**5.3**	< 4.0	**11**	---	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 30000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	---	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 7100	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**68**	---	**6.1**	< 4.0	**84**	---	---	---
Oil Range Organics (C20-C34)	ug/kg	---	< 120000	---	---	---	---	---	---
VOC									
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,1,1-Trichloroethane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,1,2,2-Tetrachloroethane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,1,2-Trichloroethane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,1-Dichloroethane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,1-Dichloroethylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,2,3-Trichlorobenzene	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,2,3-Trimethylbenzene	ug/kg	< 250	< 71	< 250	< 250	< 250	---	---	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,2-Dichlorobenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,2-Dichloroethane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,2-Dichloropropane	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,3,5-Trimethylbenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,3-Dichlorobenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
1,3-Dichloropropene, cis	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,3-Dichloropropene, trans	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
1,4-Dichloro-2-butene, trans	ug/kg	< 53	< 350	< 74	< 50	< 56	---	---	< 130
1,4-Dichlorobenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
2-Butanone (MEK)	ug/kg	< 750	< 350	< 750	< 750	< 750	---	---	< 750

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Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 4:20 PM	9/22/2011 4:20 PM	9/21/2011 5:09 PM	9/21/2011 5:10 PM	9/23/2011 2:25 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0125R 024A	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0125R 024AS 092211S010	SBTC0125R024AS092211S010-split	SBTC0125R 025S 092111S006	SBTC0125R 026S 092111S010	SBTC0125R 028AS 092311S010	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0.6 - 1 ft	0.6 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	USCS Code	SM	SM	ML	SP	OL	SW	SP-SM	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
2-Hexanone	ug/kg	< 2500	< 350	< 2500	< 2500	< 2500	---	---	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 350	< 330	< 330	< 330	---	---	< 430
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 350	< 2500	< 2500	< 2500	---	---	< 2500
Acetone	ug/kg	< 1000	< 1400	< 1000	< 1000	< 1000	---	---	< 1100
Acrylonitrile	ug/kg	< 100	< 350	< 100	< 100	< 100	---	---	< 130
Benzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Bromobenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Bromochloromethane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Bromodichloromethane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Bromoform	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Bromomethane	ug/kg	< 200	< 280	< 200	< 200	< 200	---	---	< 200
Carbon disulfide	ug/kg	< 250	< 71	< 250	< 250	< 250	---	---	< 250
Carbon tetrachloride	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Chlorobenzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Chloroethane	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 430
Chloroform	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Chloromethane	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
cis-1,2-Dichloroethylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Cyclohexane	ug/kg	< 500	< 350	< 500	< 500	< 500	---	---	< 500
Dibromochloromethane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Dibromochloropropane	ug/kg	< 53	< 350	< 74	< 48	< 56	---	---	< 130
Dibromomethane	ug/kg	< 250	< 71	< 250	< 250	< 250	---	---	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
Diethyl ether	ug/kg	< 200	< 280	< 200	< 200	< 200	---	---	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
Ethylbenzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Ethylene dibromide	ug/kg	< 53	< 71	< 74	< 48	< 56	---	---	< 130
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
Hexachloroethane	ug/kg	< 300	< 350	< 300	< 300	< 300	---	---	< 300
Isopropyl benzene	ug/kg	< 250	< 71	< 250	< 250	< 250	---	---	< 250
m&p-Xylene	ug/kg	< 110	< 140	< 150	< 100	< 110	---	---	< 260
Methyl Iodide	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Methylene chloride	ug/kg	< 100	< 140	< 100	< 100	< 100	---	---	< 130

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Table 3. Reach 3 Unsaturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 4:20 PM	9/22/2011 4:20 PM	9/21/2011 5:09 PM	9/21/2011 5:10 PM	9/23/2011 2:25 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0125R 024A	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0125R 024AS 092211S010	SBTC0125R024AS092211S010-split	SBTC0125R 025S 092111S006	SBTC0125R 026S 092111S010	SBTC0125R 028AS 092311S010	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0.6 - 1 ft	0.6 - 1 ft	0 - 0.6 ft	0 - 1 ft	0 - 1 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	USCS Code	SM	SM	ML	SP	OL	SW	SP-SM	OL
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 71	< 250	< 250	< 250	---	---	< 250
Naphthalene	ug/kg	< 330	< 350	< 330	< 330	< 330	---	---	< 430
n-Butylbenzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
n-Propylbenzene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
o-Xylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
sec-Butylbenzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Styrene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 350	< 250	< 250	< 250	---	---	< 250
t-Butyl alcohol	ug/kg	< 2500	< 3500	< 2500	< 2500	< 2500	---	---	< 2500
t-Butylbenzene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Tetrachloroethylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Tetrahydrofuran	ug/kg	< 1000	< 350	< 1000	< 1000	< 1000	---	---	< 1000
Toluene	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
trans-1,2-Dichloroethylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Trichloroethylene	ug/kg	< 53	< 71	< 74	< 50	< 56	---	---	< 130
Trichlorofluoromethane	ug/kg	< 100	< 71	< 100	< 100	< 100	---	---	< 130
Vinyl chloride	ug/kg	< 53	< 71	< 74	< 48	< 56	---	---	< 130
Xylenes	ug/kg	< 110	---	< 150	< 100	< 110	---	---	< 260

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Orange shaded samples are no longer representative of the soil conditions at this location.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
Shaded values reflect samples collected as part of the Data Gap Assessment.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)

(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLL = hazardous substance is not likely to leach under most soil conditions.
NLV = hazardous substance is not likely to volatilize under most conditions.
pH = a measure of the acidity or basicity of an aqueous solution.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
USCS = Unified Soil Classification System.
VOC = volatile organic compound.

Unified Soil Classification System (USCS) Code Footnotes:
CL = Lean clay or lean clay with sand or lean clay with gravel or sandy lean clay or sandy lean clay with gravel or gravelly lean clay or gravelly lean clay with sand.
GP = Poorly graded gravel or poorly graded gravel with sand.
GW-GC = Well graded gravel with clay to well graded gravel with clay and sand.
ML = Silt or silt with sand or silt with gravel or sandy silt or sandy silt with gravel or gravelly silt or gravelly silt with sand.
OL = Organic silts and organic silty clays of low plasticity.
OL-CL = Organic silts and organic silty clays of low plasticity to lean clay.
OL-ML = Organic silts and organic silty clays of low plasticity to silt.
OL-SM = Organic silts and organic silty clays of low plasticity to silty sand or silty sand with gravel.
OL-SP = Organic soil with fine poorly graded sand.
OL-SW = Organic soil with well graded sand to well graded sand with gravel.
PT = Peat, humus, swamp soils with high organic contents.
SC = Clayey sand or clayey sand with gravel.
SC/ML = Sample collected over interval containing both SC and ML soil types.
SM = Silty sand or silty sand with gravel.
SP = Poorly graded sand or poorly graded sand with gravel.
SP-SM = Poorly graded sand with silt to poorly graded sand with silt and gravel.
SW = Well graded sand or well graded sand with gravel.

	Date \ Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Target Detection Limits - Soil**	9/12/2011 10:02 AM	9/12/2011 10:02 AM	9/12/2011 3:34 PM	9/12/2011 3:55 PM	9/12/2011 4:40 PM	9/12/2011 2:37 PM	9/12/2011 3:09 PM	9/12/2011 3:09 PM	9/12/2011 5:15 PM	9/12/2011 5:15 PM	9/12/2011 5:50 PM
	Location			SBTC0075L 001	SBTC0075L 001	SBTC0075L 003	SBTC0075L 003	SBTC0075L 004	SBTC0075L 005	SBTC0075L 005	SBTC0075L 005	SBTC0075L 006	SBTC0075L 006	SBTC0075L 006
	Sample	**Direct Contact Criteria**		SBTC0075L 001S 091211S030	SBTC0075L 001D 091211S030	SBTC0075L 003S 091211S010	SBTC0075L 003S 091211S051	SBTC0075L 004S 091211S046	SBTC0075L 005S 091211S007	SBTC0075L 005S 091211S058	SBTC0075L005S091211S058-split	SBTC0075L 006S 091211S010	SBTC0075L006S091211S010-split	SBTC0075L 006S 091211S057
	Depth			2.5 - 3 ft	2.5 - 3 ft	0 - 1 ft	4.6 - 5.1 ft	4.1 - 4.6 ft	0 - 0.7 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 1 ft	0 - 1 ft	5.2 - 5.7 ft
	USCS Code			SW	SW	CL	SW	SW	OL	SW	SW	OL	OL	SP
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Split	Result
Metals														
Arsenic	mg/kg	7.6	0.1	---	---	---	---	---	---	---	**2.7**	---	**14**	---
Barium	mg/kg	37000(B)	1	---	---	---	---	---	---	---	**5.6**	---	**82**	---
Beryllium	mg/kg	410	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	**0.20**	< 0.50
Cadmium	mg/kg	550(B)	0.2	---	---	---	---	---	---	---	< 0.2	---	**0.40**	---
Chromium (Total)	mg/kg	2500	2	---	---	---	---	---	---	---	**19**	---	**8.0**	---
Copper	mg/kg	20000(B)	1	---	---	---	---	---	---	---	**6.5**	---	**36**	---
Iron	mg/kg	160000(B)	5	---	---	---	---	---	---	---	**7600**	---	**17000**	---
Lead	mg/kg	400(B)	1	---	---	---	---	---	---	---	**3.5**	---	**11**	---
Mercury (Total)	mg/kg	160(B,Z)	0.05	---	---	---	---	---	---	---	< 0.05	---	< 0.11	---
Molybdenum	mg/kg	2600(B)	1	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1	**2.9**	**3.4**	< 1.0
Nickel	mg/kg	40000(B)	1	**4.0**	**4.1**	**10**	**5.0**	**6.2**	**7.8**	**4.5**	**13**	**9.3**	**8.9**	**8.5**
Selenium	mg/kg	2600(B)	0.2	---	---	---	---	---	---	---	< 0.2	---	**1.4**	---
Silver	mg/kg	2500(B)	0.1	---	---	---	---	---	---	---	< 0.1	---	< 0.1	---
Vanadium	mg/kg	750(DD)	1	**7.3**	**6.1**	**17**	**6.9**	**9.9**	**12**	**7.6**	**8.9**	**10**	**11**	**6.8**
Zinc	mg/kg	170000(B)	1	---	---	---	---	---	---	---	**19**	---	**28**	---
PNA														
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 570	< 330	< 1100	< 330
Acenaphthene	ug/kg	4.1e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Acenaphthylene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Anthracene	ug/kg	2.3e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Chrysene	ug/kg	2e+006(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Fluoranthene	ug/kg	4.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Fluorene	ug/kg	2.7e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 460	< 330	< 870	< 330
Naphthalene	ug/kg	1.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Phenanthrene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330
Pyrene	ug/kg	2.9e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 440	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	9/12/2011 10:02 AM	9/12/2011 10:02 AM	9/12/2011 3:34 PM	9/12/2011 3:55 PM	9/12/2011 4:40 PM	9/12/2011 2:37 PM	9/12/2011 3:09 PM	9/12/2011 3:09 PM	9/12/2011 5:15 PM	9/12/2011 5:15 PM	9/12/2011 5:50 PM
	Location			SBTC0075L 001	SBTC0075L 001	SBTC0075L 003	SBTC0075L 003	SBTC0075L 004	SBTC0075L 005	SBTC0075L 005	SBTC0075L 005	SBTC0075L 006	SBTC0075L 006	SBTC0075L 006
	Sample	Direct Contact Criteria		SBTC0075L 001S 091211S030	SBTC0075L 001D 091211S030	SBTC0075L 003S 091211S010	SBTC0075L 003S 091211S051	SBTC0075L 004S 091211S046	SBTC0075L 005S 091211S007	SBTC0075L 005S 091211S058	SBTC0075L005S091211S058-split	SBTC0075L 006S 091211S010	SBTC0075L006S091211S010-split	SBTC0075L 006S 091211S057
	Depth			2.5 - 3 ft	2.5 - 3 ft	0 - 1 ft	4.6 - 5.1 ft	4.1 - 4.6 ft	0 - 0.7 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 1 ft	0 - 1 ft	5.2 - 5.7 ft
	USCS Code			SW	SW	CL	SW	SW	OL	SW	SW	OL	OL	SP
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Split	Result
Solids														
Moisture	%	NCE	NCE	**13**	**13**	**40**	**7.6**	**7.0**	**32**	**11**	---	**55**	---	**11**
Solids	%	NCE	NCE	---	---	---	---	---	---	---	**87.9**	---	**45.8**	---
TPH														
Diesel Range Organics (C10-C20)	mg/kg	NCE	10	**4.3**	**7.0**	**4.7**	**4.8**	< 4.0	< 4.0	**5.1**	---	**9.4**	---	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	NCE	10000	---	---	---	---	---	---	---	< 28000	---	< 55000	---
Gasoline Range Organics (C6-C10)	mg/kg	NCE	10	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	NCE	10000	---	---	---	---	---	---	---	< 6400	---	< 17000	---
Oil Range Organics (C20-C34)	mg/kg	NCE	20	< 4.0	**13**	**11**	< 4.0	**7.1**	**5.7**	**5.3**	---	**20**	---	< 4.0
Oil Range Organics (C20-C34)	ug/kg	NCE	20000	---	---	---	---	---	---	---	< 110000	---	**390000**	---
VOC														
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,1,1-Trichloroethane	ug/kg	5e+008(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,1,2,2-Tetrachloroethane	ug/kg	53000	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,1,2-Trichloroethane	ug/kg	180000	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,1-Dichloroethane	ug/kg	2.7e+007(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,1-Dichloroethylene	ug/kg	200000(I)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,2,3-Trichlorobenzene	ug/kg	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,2,3-Trimethylbenzene	ug/kg	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 64	< 250	< 170	< 250
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,2-Dichloroethane	ug/kg	91000(I)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,2-Dichloropropane	ug/kg	140000(I)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,3-Dichlorobenzene	ug/kg	200000(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
1,3-Dichloropropene, cis	ug/kg	NCE	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,3-Dichloropropene, trans	ug/kg	NCE	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
1,4-Dichloro-2-butene, trans	ug/kg	NCE	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 320	< 230	< 850	< 50
1,4-Dichlorobenzene	ug/kg	400000	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 320	< 770	< 850	< 750
2-Hexanone	ug/kg	3.2e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 320	< 2500	< 850	< 2500
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 330	< 330	< 410	< 330	< 330	< 330	< 330	< 320	< 770	< 850	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 320	< 2500	< 850	< 2500

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	9/12/2011 10:02 AM	9/12/2011 10:02 AM	9/12/2011 3:34 PM	9/12/2011 3:55 PM	9/12/2011 4:40 PM	9/12/2011 2:37 PM	9/12/2011 3:09 PM	9/12/2011 3:09 PM	9/12/2011 5:15 PM	9/12/2011 5:15 PM	9/12/2011 5:50 PM
	Location			SBTC0075L 001	SBTC0075L 001	SBTC0075L 003	SBTC0075L 003	SBTC0075L 004	SBTC0075L 005	SBTC0075L 005	SBTC0075L 005	SBTC0075L 006	SBTC0075L 006	SBTC0075L 006
	Sample	Direct Contact Criteria		SBTC0075L 001S 091211S030	SBTC0075L 001D 091211S030	SBTC0075L 003S 091211S010	SBTC0075L 003S 091211S051	SBTC0075L 004S 091211S046	SBTC0075L 005S 091211S007	SBTC0075L 005S 091211S058	SBTC0075L005S091211S058-split	SBTC0075L 006S 091211S010	SBTC0075L006S091211S010-split	SBTC0075L 006S 091211S057
	Depth			2.5 - 3 ft	2.5 - 3 ft	0 - 1 ft	4.6 - 5.1 ft	4.1 - 4.6 ft	0 - 0.7 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 1 ft	0 - 1 ft	5.2 - 5.7 ft
	USCS Code			SW	SW	CL	SW	SW	OL	SW	SW	OL	OL	SP
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Split	Result
Acetone	ug/kg	2.3e+007(I)	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1300	< 1900	< 3400	< 1000
Acrylonitrile	ug/kg	16000(I)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 320	< 230	< 850	< 100
Benzene	ug/kg	180000(I)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Bromobenzene	ug/kg	540000(I)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Bromochloromethane	ug/kg	NCE	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Bromodichloromethane	ug/kg	110000	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Bromoform	ug/kg	820000	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Bromomethane	ug/kg	320000	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 260	< 230	< 680	< 200
Carbon disulfide	ug/kg	7.2e+006(C,DD)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 64	< 250	< 170	< 250
Carbon tetrachloride	ug/kg	96000	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Chlorobenzene	ug/kg	4.3e+006(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Chloroethane	ug/kg	2.6e+006(C)	250	< 250	< 250	< 410	< 250	< 250	< 290	< 250	< 320	< 770	< 850	< 250
Chloroform	ug/kg	1.2e+006	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Chloromethane	ug/kg	1.6e+006(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Cyclohexane	ug/kg	NCE	500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 320	< 500	< 850	< 500
Dibromochloromethane	ug/kg	110000	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Dibromochloropropane	ug/kg	4400(C)	10	< 45	< 45	< 120	< 38	< 37	< 86	< 42	< 320	< 230	< 850	< 42
Dibromomethane	ug/kg	2.5e+006(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 64	< 250	< 170	< 250
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
Diethyl ether	ug/kg	1.1e+008(C)	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 260	< 230	< 680	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
Ethylbenzene	ug/kg	2.2e+007(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Ethylene dibromide	ug/kg	92	20	< 45	< 45	< 120	< 38	< 37	< 86	< 42	< 64	< 230	< 170	< 42
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
Hexachloroethane	ug/kg	230000	300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 320	< 300	< 850	< 300
Isopropyl benzene	ug/kg	2.5e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 64	< 250	< 170	< 250
m&p-Xylene	ug/kg	(J)	100	< 100	< 100	< 240	< 100	< 100	< 170	< 100	< 130	< 460	< 340	< 100
Methyl Iodide	ug/kg	NCE	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Methylene chloride	ug/kg	1.3e+006	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 130	< 230	< 340	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 64	< 250	< 170	< 250
Naphthalene	ug/kg	1.6e+007	330	< 330	< 330	< 410	< 330	< 330	< 330	< 330	< 320	< 770	< 850	< 330
n-Butylbenzene	ug/kg	2.5e+006	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
n-Propylbenzene	ug/kg	2.5e+006(I)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
o-Xylene	ug/kg	(J)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50

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	Date \ Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Target Detection Limits - Soil**	9/12/2011 10:02 AM	9/12/2011 10:02 AM	9/12/2011 3:34 PM	9/12/2011 3:55 PM	9/12/2011 4:40 PM	9/12/2011 2:37 PM	9/12/2011 3:09 PM	9/12/2011 3:09 PM	9/12/2011 5:15 PM	9/12/2011 5:15 PM	9/12/2011 5:50 PM
	Location			SBTC0075L 001	SBTC0075L 001	SBTC0075L 003	SBTC0075L 003	SBTC0075L 004	SBTC0075L 005	SBTC0075L 005	SBTC0075L 005	SBTC0075L 006	SBTC0075L 006	SBTC0075L 006
	Sample	**Direct Contact Criteria**		SBTC0075L 001S 091211S030	SBTC0075L 001D 091211S030	SBTC0075L 003S 091211S010	SBTC0075L 003S 091211S051	SBTC0075L 004S 091211S046	SBTC0075L 005S 091211S007	SBTC0075L 005S 091211S058	SBTC0075L005S091211S058-split	SBTC0075L 006S 091211S010	SBTC0075L006S091211S010-split	SBTC0075L 006S 091211S057
	Depth			2.5 - 3 ft	2.5 - 3 ft	0 - 1 ft	4.6 - 5.1 ft	4.1 - 4.6 ft	0 - 0.7 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 1 ft	0 - 1 ft	5.2 - 5.7 ft
	USCS Code			SW	SW	CL	SW	SW	OL	SW	SW	OL	OL	SP
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Duplicate	Result	Result	Result	Result	Result	Split	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
sec-Butylbenzene	ug/kg	2.5e+006	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Styrene	ug/kg	400000	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 850	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3200	< 2500	< 8500	< 2500
t-Butylbenzene	ug/kg	2.5e+006(I)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Tetrachloroethylene	ug/kg	200000(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Tetrahydrofuran	ug/kg	2.9e+006	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 320	< 1000	< 850	< 1000
Toluene	ug/kg	5e+007(C)	100	< 100	< 100	**180**	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Trichloroethylene	ug/kg	500000(C,DD)	50	< 50	< 50	< 120	< 50	< 50	< 86	< 50	< 64	< 230	< 170	< 50
Trichlorofluoromethane	ug/kg	7.9e+007(C)	100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 64	< 230	< 170	< 100
Vinyl chloride	ug/kg	3800	40	< 45	< 45	< 120	< 40	< 40	< 86	< 42	< 64	< 230	< 170	< 42
Xylenes	ug/kg	4.1e+008(C)	150	< 100	< 100	< 240	< 100	< 100	< 170	< 100	---	< 460	---	< 100

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 8:15 AM	9/13/2011 9:04 AM	9/13/2011 10:15 AM	9/13/2011 10:25 AM	9/13/2011 10:25 AM	9/13/2011 11:00 AM	9/13/2011 11:40 AM	9/13/2011 11:40 AM	9/13/2011 12:08 PM	9/13/2011 12:25 PM	9/13/2011 2:55 PM	9/13/2011 3:00 PM	9/13/2011 3:00 PM	9/13/2011 4:20 PM
	Location	SBTC0075L 007	SBTC0075L 007	SBTC0075L 008	SBTC0075L 010	SBTC0075L 010	SBTC0075L 010	SBTC0075L 011	SBTC0075L 012	SBTC0075L 012	SBTC0075L 013	SBTC0075L 013	SBTC0075L 014	SBTC0075L 014	SBTC0075L 014	SBTC0075L 016
	Sample	SBTC0075L 007S 091311S046	SBTC0075L 007D 091311S046	SBTC0075L 008S 091311S057	SBTC0075L 010S 091311S010	SBTC0075L 010S 091311S055	SBTC0075L01 0S091311S05 5-split	SBTC0075L 011S 091311S051	SBTC0075L 012S 091311S043	SBTC0075L01 2S091311S04 3-split	SBTC0075L 013S 091311S010	SBTC0075L 013S 091311S050	SBTC0075L 014S 091311S010	SBTC0075L 014S 091311S036	SBTC0075L01 4S091311S03 6-split	SBTC0075L 016S 091311S047
	Depth	4.1 - 4.6 ft	4.1 - 4.6 ft	5.2 - 5.7 ft	0 - 1 ft	5 - 5.5 ft	5 - 5.5 ft	4.6 - 5.1 ft	3.8 - 4.3 ft	3.8 - 4.3 ft	0 - 1 ft	4.5 - 5 ft	0 - 1 ft	3.1 - 3.6 ft	3.1 - 3.6 ft	4.2 - 4.7 ft
	USCS Code	SP	SP	SP	OL	SW	SW	SW	SW	SW	OL	SP	GW	SP	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	**6.0**	---	---	**1.8**	---	---	---	---	**2.0**	---
Barium	mg/kg	---	---	---	---	---	**10**	---	---	**5.1**	---	---	---	---	**4.3**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	---	---	---	---	< 0.2	---	---	< 0.2	---	---	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	---	---	---	---	**12**	---	---	**5.1**	---	---	---	---	**3.8**	---
Copper	mg/kg	---	---	---	---	---	**9.2**	---	---	**5.6**	---	---	---	---	**2.6**	---
Iron	mg/kg	---	---	---	---	---	**8500**	---	---	**5900**	---	---	---	---	**5500**	---
Lead	mg/kg	---	---	---	---	---	**5.5**	---	---	**2.8**	---	---	---	---	**1.7**	---
Mercury (Total)	mg/kg	---	---	---	---	---	< 0.05	---	---	< 0.05	---	---	---	---	< 0.05	---
Molybdenum	mg/kg	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	**1.2**	< 1.0	< 1	< 1.0
Nickel	mg/kg	**5.4**	**5.2**	**6.0**	**16**	**7.8**	**11**	**9.9**	**5.1**	**5.9**	**4.7**	**5.0**	**11**	**3.6**	**4.8**	**2.7**
Selenium	mg/kg	---	---	---	---	---	< 0.2	---	---	< 0.2	---	---	---	---	< 0.2	---
Silver	mg/kg	---	---	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**5.6**	**7.2**	**11**	**16**	**6.8**	**11**	**11**	**5.9**	**8.4**	**4.6**	**4.7**	**7.7**	**5.2**	**5.2**	**3.4**
Zinc	mg/kg	---	---	---	---	---	**24**	---	---	**17**	---	---	---	---	**14**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 300	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 240	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 120	< 330	< 330	< 330	< 330	< 120	< 330

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 8:15 AM	9/13/2011 9:04 AM	9/13/2011 10:15 AM	9/13/2011 10:25 AM	9/13/2011 10:25 AM	9/13/2011 11:00 AM	9/13/2011 11:40 AM	9/13/2011 11:40 AM	9/13/2011 12:08 PM	9/13/2011 12:25 PM	9/13/2011 2:55 PM	9/13/2011 3:00 PM	9/13/2011 3:00 PM	9/13/2011 4:20 PM
	Location	SBTC0075L 007	SBTC0075L 007	SBTC0075L 008	SBTC0075L 010	SBTC0075L 010	SBTC0075L 010	SBTC0075L 011	SBTC0075L 012	SBTC0075L 012	SBTC0075L 013	SBTC0075L 013	SBTC0075L 014	SBTC0075L 014	SBTC0075L 014	SBTC0075L 016
	Sample	SBTC0075L 007S 091311S046	SBTC0075L 007D 091311S046	SBTC0075L 008S 091311S057	SBTC0075L 010S 091311S010	SBTC0075L 010S 091311S055	SBTC0075L01 0S091311S05 5-split	SBTC0075L 011S 091311S051	SBTC0075L 012S 091311S043	SBTC0075L01 2S091311S04 3-split	SBTC0075L 013S 091311S010	SBTC0075L 013S 091311S050	SBTC0075L 014S 091311S010	SBTC0075L 014S 091311S036	SBTC0075L01 4S091311S03 6-split	SBTC0075L 016S 091311S047
	Depth	4.1 - 4.6 ft	4.1 - 4.6 ft	5.2 - 5.7 ft	0 - 1 ft	5 - 5.5 ft	5 - 5.5 ft	4.6 - 5.1 ft	3.8 - 4.3 ft	3.8 - 4.3 ft	0 - 1 ft	4.5 - 5 ft	0 - 1 ft	3.1 - 3.6 ft	3.1 - 3.6 ft	4.2 - 4.7 ft
	USCS Code	SP	SP	SP	OL	SW	SW	SW	SW	SW	OL	SP	GW	SP	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Split	Result
Solids																
Moisture	%	**15**	**14**	**10**	**34**	**14**	---	**8.0**	**14**	---	**24**	**16**	**39**	**17**	---	**17**
Solids	%	---	---	---	---	---	**85.4**	---	---	**86.8**	---	---	---	---	**83.8**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**7.2**	**8.1**	**5.8**	**4.8**	**4.4**	---	< 4.0	**4.3**	---	< 4.0	**6.6**	**5.9**	< 4.0	---	**4.4**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	< 29000	---	---	< 29000	---	---	---	---	< 30000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	< 6600	---	---	< 6400	---	---	---	---	< 6900	---
Oil Range Organics (C20-C34)	mg/kg	**10**	**10**	**8.1**	< 4.0	**5.0**	---	< 4.0	< 4.0	---	**5.5**	**11**	< 4.1	**5.2**	---	**4.8**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	< 120000	---	---	< 120000	---	---	---	---	< 120000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,1,2-Trichloroethane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,1-Dichloroethane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,1-Dichloroethylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 66	< 250	< 250	< 64	< 250	< 250	< 250	< 250	< 69	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,2-Dichloroethane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,2-Dichloropropane	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,3-Dichloropropene, trans	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 51	< 50	< 87	< 50	< 330	< 50	< 50	< 320	< 64	< 50	< 110	< 51	< 350	< 51
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 330	< 750	< 750	< 320	< 750	< 750	< 750	< 750	< 350	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 330	< 2500	< 2500	< 320	< 2500	< 2500	< 2500	< 2500	< 350	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 380	< 330	< 350	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 330	< 2500	< 2500	< 320	< 2500	< 2500	< 2500	< 2500	< 350	< 2500

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 8:15 AM	9/13/2011 9:04 AM	9/13/2011 10:15 AM	9/13/2011 10:25 AM	9/13/2011 10:25 AM	9/13/2011 11:00 AM	9/13/2011 11:40 AM	9/13/2011 11:40 AM	9/13/2011 12:08 PM	9/13/2011 12:25 PM	9/13/2011 2:55 PM	9/13/2011 3:00 PM	9/13/2011 3:00 PM	9/13/2011 4:20 PM
	Location	SBTC0075L 007	SBTC0075L 007	SBTC0075L 008	SBTC0075L 010	SBTC0075L 010	SBTC0075L 010	SBTC0075L 011	SBTC0075L 012	SBTC0075L 012	SBTC0075L 013	SBTC0075L 013	SBTC0075L 014	SBTC0075L 014	SBTC0075L 014	SBTC0075L 016
	Sample	SBTC0075L 007S 091311S046	SBTC0075L 007D 091311S046	SBTC0075L 008S 091311S057	SBTC0075L 010S 091311S010	SBTC0075L 010S 091311S055	SBTC0075L01 0S091311S05 5-split	SBTC0075L 011S 091311S051	SBTC0075L 012S 091311S043	SBTC0075L01 2S091311S04 3-split	SBTC0075L 013S 091311S010	SBTC0075L 013S 091311S050	SBTC0075L 014S 091311S010	SBTC0075L 014S 091311S036	SBTC0075L01 4S091311S03 6-split	SBTC0075L 016S 091311S047
	Depth	4.1 - 4.6 ft	4.1 - 4.6 ft	5.2 - 5.7 ft	0 - 1 ft	5 - 5.5 ft	5 - 5.5 ft	4.6 - 5.1 ft	3.8 - 4.3 ft	3.8 - 4.3 ft	0 - 1 ft	4.5 - 5 ft	0 - 1 ft	3.1 - 3.6 ft	3.1 - 3.6 ft	4.2 - 4.7 ft
	USCS Code	SP	SP	SP	OL	SW	SW	SW	SW	SW	OL	SP	GW	SP	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Split	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1300	< 1000	< 1000	< 1300	< 1000	< 1000	**1100**	< 1000	< 1400	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 100	< 330	< 100	< 100	< 320	< 100	< 100	< 110	< 100	< 350	< 100
Benzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 260	< 200	< 200	< 260	< 200	< 200	< 200	< 200	< 280	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 66	< 250	< 250	< 64	< 250	< 250	< 250	< 250	< 69	< 250
Carbon tetrachloride	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Chlorobenzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Chloroethane	ug/kg	< 250	< 250	< 250	< 290	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 380	< 250	< 350	< 250
Chloroform	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 330	< 500	< 500	< 320	< 500	< 500	< 500	< 500	< 350	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Dibromochloropropane	ug/kg	< 49	< 51	< 39	< 87	< 42	< 330	< 33	< 39	< 320	< 64	< 50	< 110	< 51	< 350	< 51
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 66	< 250	< 250	< 64	< 250	< 250	< 250	< 250	< 69	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 260	< 200	< 200	< 260	< 200	< 200	< 200	< 200	< 280	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
Ethylbenzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Ethylene dibromide	ug/kg	< 49	< 51	< 39	< 87	< 42	< 66	< 33	< 39	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 330	< 300	< 300	< 320	< 300	< 300	< 300	< 300	< 350	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 66	< 250	< 250	< 64	< 250	< 250	< 250	< 250	< 69	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 170	< 100	< 130	< 100	< 100	< 130	< 130	< 100	< 230	< 100	< 140	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 100	< 130	< 100	< 100	< 130	< 100	< 100	< 110	< 100	< 140	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 66	< 250	< 250	< 64	< 250	< 250	< 250	< 250	< 69	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 380	< 330	< 350	< 330
n-Butylbenzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
o-Xylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 8:15 AM	9/13/2011 8:15 AM	9/13/2011 9:04 AM	9/13/2011 10:15 AM	9/13/2011 10:25 AM	9/13/2011 10:25 AM	9/13/2011 11:00 AM	9/13/2011 11:40 AM	9/13/2011 11:40 AM	9/13/2011 12:08 PM	9/13/2011 12:25 PM	9/13/2011 2:55 PM	9/13/2011 3:00 PM	9/13/2011 3:00 PM	9/13/2011 4:20 PM
	Location	SBTC0075L 007	SBTC0075L 007	SBTC0075L 008	SBTC0075L 010	SBTC0075L 010	SBTC0075L 010	SBTC0075L 011	SBTC0075L 012	SBTC0075L 012	SBTC0075L 013	SBTC0075L 013	SBTC0075L 014	SBTC0075L 014	SBTC0075L 014	SBTC0075L 016
	Sample	SBTC0075L 007S 091311S046	SBTC0075L 007D 091311S046	SBTC0075L 008S 091311S057	SBTC0075L 010S 091311S010	SBTC0075L 010S 091311S055	SBTC0075L01 0S091311S05 5-split	SBTC0075L 011S 091311S051	SBTC0075L 012S 091311S043	SBTC0075L01 2S091311S04 3-split	SBTC0075L 013S 091311S010	SBTC0075L 013S 091311S050	SBTC0075L 014S 091311S010	SBTC0075L 014S 091311S036	SBTC0075L01 4S091311S03 6-split	SBTC0075L 016S 091311S047
	Depth	4.1 - 4.6 ft	4.1 - 4.6 ft	5.2 - 5.7 ft	0 - 1 ft	5 - 5.5 ft	5 - 5.5 ft	4.6 - 5.1 ft	3.8 - 4.3 ft	3.8 - 4.3 ft	0 - 1 ft	4.5 - 5 ft	0 - 1 ft	3.1 - 3.6 ft	3.1 - 3.6 ft	4.2 - 4.7 ft
	USCS Code	SP	SP	SP	OL	SW	SW	SW	SW	SW	OL	SP	GW	SP	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
sec-Butylbenzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Styrene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 330	< 250	< 250	< 320	< 250	< 250	< 250	< 250	< 350	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 3300	< 2500	< 2500	< 3200	< 2500	< 2500	< 2500	< 2500	< 3500	< 2500
t-Butylbenzene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Tetrachloroethylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 330	< 1000	< 1000	< 320	< 1000	< 1000	< 1000	< 1000	< 350	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Trichloroethylene	ug/kg	< 50	< 51	< 50	< 87	< 50	< 66	< 50	< 50	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 66	< 100	< 100	< 64	< 100	< 100	< 110	< 100	< 69	< 100
Vinyl chloride	ug/kg	< 49	< 51	< 40	< 87	< 42	< 66	< 40	< 40	< 64	< 64	< 50	< 110	< 51	< 69	< 51
Xylenes	ug/kg	< 100	< 100	< 100	< 170	< 100	---	< 100	< 100	---	< 130	< 100	< 230	< 100	---	< 100

	Date \ Time Collected	9/13/2011 4:50 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/22/2011 11:50 AM	9/14/2011 9:10 AM	9/14/2011 9:10 AM	9/14/2011 8:50 AM	9/14/2011 10:00 AM	9/14/2011 10:25 AM	9/14/2011 11:28 AM	9/14/2011 11:05 AM	9/14/2011 10:20 AM	9/15/2011 11:23 AM
	Location	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 027
	Sample	SBTC0075L 017S 091311S010	SBTC0075L 017S 091311S066	SBTC0075L 017D 091311S066	SBTC0075L017S091311S066-split	SBTC0075L 018AS 092211S066	SBTC0075L 019S 091411S060	SBTC0075L019S091411S060-split	SBTC0075L 020S 091411S045	SBTC0075L 021S 091411S062	SBTC0075L 022S 091411S040	SBTC0075L 023S 091411S060	SBTC0075L 024S 091411S063	SBTC0075L 026S 091411S032	SBTC0075L 027S 091511S010
	Depth	0 - 1 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	5.5 - 6 ft	5.5 - 6 ft	4 - 4.5 ft	5.7 - 6.2 ft	3.5 - 4 ft	5.5 - 6 ft	5.8 - 6.3 ft	2.8 - 3.2 ft	0 - 1 ft
	USCS Code	OL	SP	SP	SP	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	**3.1**	---	---	**2.7**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	**4.1**	---	---	**4.6**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.55	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50
Cadmium	mg/kg	---	---	---	< 0.2	---	---	< 0.2	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**3.4**	---	---	**6.5**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**2.4**	---	---	**5.7**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	**6200**	---	---	**6900**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	**2.7**	---	---	**3.5**	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	< 0.05	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.7**	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	**6.8**	**1.8**
Nickel	mg/kg	**11**	**2.6**	**4.3**	**4.3**	**9.9**	**5.0**	**7.7**	**8.1**	**7.4**	**9.1**	**5.8**	**9.2**	**17**	**8.4**
Selenium	mg/kg	---	---	---	< 0.2	---	---	**0.21**	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**19**	**3.2**	**6.3**	**4.6**	**9.7**	**5.9**	**7.7**	**7.6**	**10**	**11**	**6.5**	**12**	**21**	**12**
Zinc	mg/kg	---	---	---	**8.5**	---	---	**18**	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 300	< 330	< 330	< 590	< 330	< 330	< 330	< 330	< 330	< 430	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 240	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 120	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/13/2011 4:50 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/22/2011 11:50 AM	9/14/2011 9:10 AM	9/14/2011 9:10 AM	9/14/2011 8:50 AM	9/14/2011 10:00 AM	9/14/2011 10:25 AM	9/14/2011 11:28 AM	9/14/2011 11:05 AM	9/14/2011 10:20 AM	9/15/2011 11:23 AM
	Location	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 027
	Sample	SBTC0075L 017S 091311S010	SBTC0075L 017S 091311S066	SBTC0075L 017D 091311S066	SBTC0075L01 7S091311S06 6-split	SBTC0075L 018AS 092211S066	SBTC0075L 019S 091411S060	SBTC0075L01 9S091411S06 0-split	SBTC0075L 020S 091411S045	SBTC0075L 021S 091411S062	SBTC0075L 022S 091411S040	SBTC0075L 023S 091411S060	SBTC0075L 024S 091411S063	SBTC0075L 026S 091411S032	SBTC0075L 027S 091511S010
	Depth	0 - 1 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	5.5 - 6 ft	5.5 - 6 ft	4 - 4.5 ft	5.7 - 6.2 ft	3.5 - 4 ft	5.5 - 6 ft	5.8 - 6.3 ft	2.8 - 3.2 ft	0 - 1 ft
	USCS Code	OL	SP	SP	SP	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Solids															
Moisture	%	**69**	**16**	**20**	---	**10**	**10**	---	**9.1**	**8.7**	**5.3**	**6.0**	**8.4**	**82**	**28**
Solids	%	---	---	---	**83.8**	---	---	**85.4**	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**8.4**	**6.6**	**5.9**	---	< 4.0	**8.1**	---	**6.5**	**4.7**	**4.1**	< 4.0	**6.3**	**25**	**5.9**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 30000	---	---	< 29000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.5	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 6900	---	---	< 6700	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**12**	**10**	**17**	---	**22**	**14**	---	**10**	**4.8**	< 4.0	< 4.0	**11**	**160**	**14**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 120000	---	---	< 120000	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,1,1-Trichloroethane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,1,2,2-Tetrachloroethane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,1,2-Trichloroethane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,1-Dichloroethane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,1-Dichloroethylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,2,3-Trichlorobenzene	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
1,2,3-Trichloropropane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,2,3-Trimethylbenzene	ug/kg	< 530	< 250	< 250	< 69	< 250	< 250	< 67	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
1,2,4-Trichlorobenzene	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
1,2,4-Trimethylbenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,2-Dichlorobenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,2-Dichloroethane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,2-Dichloropropane	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,3,5-Trimethylbenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,3-Dichlorobenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
1,3-Dichloropropene, cis	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,3-Dichloropropene, trans	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,4-Dichloro-2-butene, trans	ug/kg	< 530	< 50	< 56	< 350	< 50	< 50	< 330	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
1,4-Dichlorobenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
2-Butanone (MEK)	ug/kg	< 1800	< 750	< 750	< 350	< 750	< 750	< 330	< 750	< 750	< 750	< 750	< 750	< 5600	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1800	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 5600	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/13/2011 4:50 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/22/2011 11:50 AM	9/14/2011 9:10 AM	9/14/2011 9:10 AM	9/14/2011 8:50 AM	9/14/2011 10:00 AM	9/14/2011 10:25 AM	9/14/2011 11:28 AM	9/14/2011 11:05 AM	9/14/2011 10:20 AM	9/15/2011 11:23 AM
	Location	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 027
	Sample	SBTC0075L 017S 091311S010	SBTC0075L 017S 091311S066	SBTC0075L 017D 091311S066	SBTC0075L017S091311S066-split	SBTC0075L 018AS 092211S066	SBTC0075L 019S 091411S060	SBTC0075L019S091411S060-split	SBTC0075L 020S 091411S045	SBTC0075L 021S 091411S062	SBTC0075L 022S 091411S040	SBTC0075L 023S 091411S060	SBTC0075L 024S 091411S063	SBTC0075L 026S 091411S032	SBTC0075L 027S 091511S010
	Depth	0 - 1 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	5.5 - 6 ft	5.5 - 6 ft	4 - 4.5 ft	5.7 - 6.2 ft	3.5 - 4 ft	5.5 - 6 ft	5.8 - 6.3 ft	2.8 - 3.2 ft	0 - 1 ft
	USCS Code	OL	SP	SP	SP	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 4400	< 1000	< 1000	< 1400	< 1000	< 1000	< 1300	< 1000	< 1000	< 1000	< 1000	< 1000	< 14000	< 1000
Acrylonitrile	ug/kg	< 530	< 100	< 100	< 350	< 100	< 100	< 330	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Benzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Bromobenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Bromochloromethane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Bromodichloromethane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Bromoform	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Bromomethane	ug/kg	< 530	< 200	< 200	< 280	< 200	< 200	< 270	< 200	< 200	< 200	< 200	< 200	< 1700	< 200
Carbon disulfide	ug/kg	< 530	< 250	< 250	< 69	< 250	< 250	< 67	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Carbon tetrachloride	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Chlorobenzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Chloroethane	ug/kg	< 1800	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 5600	< 260
Chloroform	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Chloromethane	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
cis-1,2-Dichloroethylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Cyclohexane	ug/kg	< 530	< 500	< 500	< 350	< 500	< 500	< 330	< 500	< 500	< 500	< 500	< 500	< 1700	< 500
Dibromochloromethane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Dibromochloropropane	ug/kg	< 530	< 50	< 56	< 350	< 42	< 41	< 330	< 40	< 39	< 36	< 36	< 39	< 1700	< 79
Dibromomethane	ug/kg	< 530	< 250	< 250	< 69	< 250	< 250	< 67	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Dichlorodifluoromethane	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Diethyl ether	ug/kg	< 530	< 200	< 200	< 280	< 200	< 200	< 270	< 200	< 200	< 200	< 200	< 200	< 1700	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Ethylbenzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Ethylene dibromide	ug/kg	< 530	< 50	< 56	< 69	< 42	< 41	< 67	< 40	< 39	< 36	< 36	< 39	< 1700	< 79
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Hexachloroethane	ug/kg	< 530	< 300	< 300	< 350	< 300	< 300	< 330	< 300	< 300	< 300	< 300	< 300	< 1700	< 300
Isopropyl benzene	ug/kg	< 530	< 250	< 250	< 69	< 250	< 250	< 67	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
m&p-Xylene	ug/kg	< 1100	< 100	< 110	< 140	< 100	< 100	< 130	< 100	< 100	< 100	< 100	< 100	< 3300	< 160
Methyl Iodide	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Methylene chloride	ug/kg	< 530	< 100	< 100	< 140	< 100	< 100	< 130	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 530	< 250	< 250	< 69	< 250	< 250	< 67	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
Naphthalene	ug/kg	< 1800	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 5600	< 330
n-Butylbenzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
n-Propylbenzene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
o-Xylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79

	Date \ Time Collected	9/13/2011 4:50 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/13/2011 5:00 PM	9/22/2011 11:50 AM	9/14/2011 9:10 AM	9/14/2011 9:10 AM	9/14/2011 8:50 AM	9/14/2011 10:00 AM	9/14/2011 10:25 AM	9/14/2011 11:28 AM	9/14/2011 11:05 AM	9/14/2011 10:20 AM	9/15/2011 11:23 AM
	Location	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 017	SBTC0075L 018A	SBTC0075L 019	SBTC0075L 019	SBTC0075L 020	SBTC0075L 021	SBTC0075L 022	SBTC0075L 023	SBTC0075L 024	SBTC0075L 026	SBTC0075L 027
	Sample	SBTC0075L 017S 091311S010	SBTC0075L 017S 091311S066	SBTC0075L 017D 091311S066	SBTC0075L017S091311S066-split	SBTC0075L 018AS 092211S066	SBTC0075L 019S 091411S060	SBTC0075L019S091411S060-split	SBTC0075L 020S 091411S045	SBTC0075L 021S 091411S062	SBTC0075L 022S 091411S040	SBTC0075L 023S 091411S060	SBTC0075L 024S 091411S063	SBTC0075L 026S 091411S032	SBTC0075L 027S 091511S010
	Depth	0 - 1 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	6.1 - 6.6 ft	5.5 - 6 ft	5.5 - 6 ft	4 - 4.5 ft	5.7 - 6.2 ft	3.5 - 4 ft	5.5 - 6 ft	5.8 - 6.3 ft	2.8 - 3.2 ft	0 - 1 ft
	USCS Code	OL	SP	SP	SP	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
sec-Butylbenzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Styrene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
t-Amyl methyl ether (TAME)	ug/kg	< 530	< 250	< 250	< 350	< 250	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 1700	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 3500	< 2500	< 2500	< 3300	< 2500	< 2500	< 2500	< 2500	< 2500	< 5600	< 2500
t-Butylbenzene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Tetrachloroethylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Tetrahydrofuran	ug/kg	< 1800	< 1000	< 1000	< 350	< 1000	< 1000	< 330	< 1000	< 1000	< 1000	< 1000	< 1000	< 5600	< 1000
Toluene	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
trans-1,2-Dichloroethylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Trichloroethylene	ug/kg	< 530	< 50	< 56	< 69	< 50	< 50	< 67	< 50	< 50	< 50	< 50	< 50	< 1700	< 79
Trichlorofluoromethane	ug/kg	< 530	< 100	< 100	< 69	< 100	< 100	< 67	< 100	< 100	< 100	< 100	< 100	< 1700	< 100
Vinyl chloride	ug/kg	< 530	< 50	< 56	< 69	< 42	< 41	< 67	< 40	< 40	< 40	< 40	< 40	< 1700	< 79
Xylenes	ug/kg	< 1100	< 100	< 110	---	< 100	< 100	---	< 100	< 100	< 100	< 100	< 100	< 3300	< 160

	Date \ Time Collected	9/15/2011 12:00 PM	9/15/2011 12:00 PM	9/15/2011 2:24 PM	9/15/2011 4:15 PM	9/15/2011 4:15 PM	9/15/2011 3:30 PM	9/22/2011 10:30 AM	9/16/2011 8:22 AM	9/16/2011 8:50 AM	9/16/2011 1:30 PM	9/16/2011 1:30 PM	9/16/2011 2:00 PM	9/16/2011 1:55 PM	9/16/2011 2:15 PM
	Location	SBTC0075L 028	SBTC0075L 028	SBTC0075L 030	SBTC0075L 031	SBTC0075L 031	SBTC0075L 031	SBTC0075L 034A	SBTC0075L 035	SBTC0075L 035	SBTC0075L 036	SBTC0075L 036	SBTC0075L 036	SBTC0075L 037	SBTC0075L 037
	Sample	SBTC0075L 028S 091511S062	SBTC0075L 028D 091511S062	SBTC0075L 030S 091511S034	SBTC0075L 031S 091511S009	SBTC0075L031S091511S009-split	SBTC0075L 031S 091511S051	SBTC0075L 034AS 092211S074	SBTC0075L 035S 091611S010	SBTC0075L 035S 091611S035	SBTC0075L 036S 091611S009	SBTC0075L036S091611S009-split	SBTC0075L 036S 091611S060	SBTC0075L 037S 091611S010	SBTC0075L 037S 091611S079
	Depth	5.7 - 6.2 ft	5.7 - 6.2 ft	2.9 - 3.4 ft	0.4 - 0.9 ft	0.4 - 0.9 ft	4.6 - 5.1 ft	6.9 - 7.4 ft	0 - 1 ft	2.5 - 3.55 ft	0.1 - 0.9 ft	0.1 - 0.9 ft	5 - 6 ft	0 - 1 ft	7.3 - 7.9 ft
	USCS Code	SW	SW	SW	OL	OL	SW	GW	OL	GW	OL	OL	SM	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	**28**	---	---	---	---	---	**13**	---	---	---
Barium	mg/kg	---	---	---	---	**63**	---	---	---	---	---	**57**	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	**0.49**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.32**	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	**0.39**	---	---	---	---	---	**0.31**	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**12**	---	---	---	---	---	**8.7**	---	---	---
Copper	mg/kg	---	---	---	---	**10**	---	---	---	---	---	**7.7**	---	---	---
Iron	mg/kg	---	---	---	---	**25000**	---	---	---	---	---	**29000**	---	---	---
Lead	mg/kg	---	---	---	---	**10**	---	---	---	---	---	**8.8**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.15	---	---	---	---	---	**0.12**	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	< 1.0	**2.3**	**3.5**	< 1.0	< 1.0	**1.6**	< 1.0	**1.9**	**1.7**	< 1.0	**1.5**	< 1.0
Nickel	mg/kg	**7.7**	**6.6**	**9.6**	**13**	**13**	**19**	**5.1**	**11**	**21**	**8.0**	**9.9**	**5.8**	**13**	**2.7**
Selenium	mg/kg	---	---	---	---	**1.0**	---	---	---	---	---	**0.85**	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**10**	**8.3**	**6.9**	**21**	**19**	**8.1**	**6.4**	**18**	**8.0**	**13**	**13**	**8.8**	**22**	**4.6**
Zinc	mg/kg	---	---	---	---	**46**	---	---	---	---	---	**33**	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 970	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330

	Date \ Time Collected	9/15/2011 12:00 PM	9/15/2011 12:00 PM	9/15/2011 2:24 PM	9/15/2011 4:15 PM	9/15/2011 4:15 PM	9/15/2011 3:30 PM	9/22/2011 10:30 AM	9/16/2011 8:22 AM	9/16/2011 8:50 AM	9/16/2011 1:30 PM	9/16/2011 1:30 PM	9/16/2011 2:00 PM	9/16/2011 1:55 PM	9/16/2011 2:15 PM
	Location	SBTC0075L 028	SBTC0075L 028	SBTC0075L 030	SBTC0075L 031	SBTC0075L 031	SBTC0075L 031	SBTC0075L 034A	SBTC0075L 035	SBTC0075L 035	SBTC0075L 036	SBTC0075L 036	SBTC0075L 036	SBTC0075L 037	SBTC0075L 037
	Sample	SBTC0075L 028S 091511S062	SBTC0075L 028D 091511S062	SBTC0075L 030S 091511S034	SBTC0075L 031S 091511S009	SBTC0075L031S091511S009-split	SBTC0075L 031S 091511S051	SBTC0075L 034AS 092211S074	SBTC0075L 035S 091611S010	SBTC0075L 035S 091611S035	SBTC0075L 036S 091611S009	SBTC0075L036S091611S009-split	SBTC0075L 036S 091611S060	SBTC0075L 037S 091611S010	SBTC0075L 037S 091611S079
	Depth	5.7 - 6.2 ft	5.7 - 6.2 ft	2.9 - 3.4 ft	0.4 - 0.9 ft	0.4 - 0.9 ft	4.6 - 5.1 ft	6.9 - 7.4 ft	0 - 1 ft	2.5 - 3.55 ft	0.1 - 0.9 ft	0.1 - 0.9 ft	5 - 6 ft	0 - 1 ft	7.3 - 7.9 ft
	USCS Code	SW	SW	SW	OL	OL	SW	GW	OL	GW	OL	OL	SM	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Solids															
Moisture	%	**5.2**	**4.7**	**7.5**	**64**	---	**6.9**	**15**	**56**	**7.3**	**60**	---	**5.4**	**59**	**16**
Solids	%	---	---	---	---	**33.5**	---	---	---	---	---	**41.2**	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**5.8**	**6.8**	**4.5**	**9.1**	---	**4.9**	**4.1**	**9.3**	**4.7**	**10**	---	**6.2**	**7.2**	**7.2**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 75000	---	---	---	---	---	< 61000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 25000	---	---	---	---	---	< 19000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**14**	**13**	< 4.0	**9.7**	---	**5.1**	**29**	**51**	**9.1**	**24**	---	**13**	**14**	**16**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	**310000**	---	---	---	---	---	< 240000	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 300	< 190	< 250	< 280	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 380	< 1300	< 50	< 50	< 240	< 50	< 300	< 960	< 50	< 280	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 1300	< 1300	< 750	< 750	< 800	< 750	< 1000	< 960	< 750	< 930	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 960	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1300	< 1300	< 330	< 330	< 800	< 330	< 1000	< 960	< 330	< 930	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1300	< 2500	< 2500	< 2500	< 2500	< 2500	< 960	< 2500	< 2500	< 2500

	Date \ Time Collected	9/15/2011 12:00 PM	9/15/2011 12:00 PM	9/15/2011 2:24 PM	9/15/2011 4:15 PM	9/15/2011 4:15 PM	9/15/2011 3:30 PM	9/22/2011 10:30 AM	9/16/2011 8:22 AM	9/16/2011 8:50 AM	9/16/2011 1:30 PM	9/16/2011 1:30 PM	9/16/2011 2:00 PM	9/16/2011 1:55 PM	9/16/2011 2:15 PM
	Location	SBTC0075L 028	SBTC0075L 028	SBTC0075L 030	SBTC0075L 031	SBTC0075L 031	SBTC0075L 031	SBTC0075L 034A	SBTC0075L 035	SBTC0075L 035	SBTC0075L 036	SBTC0075L 036	SBTC0075L 036	SBTC0075L 037	SBTC0075L 037
	Sample	SBTC0075L 028S 091511S062	SBTC0075L 028D 091511S062	SBTC0075L 030S 091511S034	SBTC0075L 031S 091511S009	SBTC0075L031S091511S009-split	SBTC0075L 031S 091511S051	SBTC0075L 034AS 092211S074	SBTC0075L 035S 091611S010	SBTC0075L 035S 091611S035	SBTC0075L 036S 091611S009	SBTC0075L036S091611S009-split	SBTC0075L 036S 091611S060	SBTC0075L 037S 091611S010	SBTC0075L 037S 091611S079
	Depth	5.7 - 6.2 ft	5.7 - 6.2 ft	2.9 - 3.4 ft	0.4 - 0.9 ft	0.4 - 0.9 ft	4.6 - 5.1 ft	6.9 - 7.4 ft	0 - 1 ft	2.5 - 3.55 ft	0.1 - 0.9 ft	0.1 - 0.9 ft	5 - 6 ft	0 - 1 ft	7.3 - 7.9 ft
	USCS Code	SW	SW	SW	OL	OL	SW	GW	OL	GW	OL	OL	SM	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 3100	< 5100	< 1000	< 1000	< 2500	< 1000	< 2500	< 3900	< 1000	< 2300	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 380	< 1300	< 100	< 100	< 240	< 100	< 300	< 960	< 100	< 280	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 380	< 1000	< 200	< 200	< 240	< 200	< 300	< 770	< 200	< 280	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 300	< 190	< 250	< 280	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Chloroethane	ug/kg	< 250	< 250	< 250	< 1300	< 1300	< 250	< 250	< 800	< 250	< 1000	< 960	< 250	< 930	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 1300	< 500	< 500	< 500	< 500	< 500	< 960	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Dibromochloropropane	ug/kg	< 35	< 35	< 38	< 380	< 1300	< 37	< 48	< 240	< 37	< 300	< 960	< 35	< 280	< 49
Dibromomethane	ug/kg	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 300	< 190	< 250	< 280	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 380	< 1000	< 200	< 200	< 240	< 200	< 300	< 770	< 200	< 280	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Ethylene dibromide	ug/kg	< 35	< 35	< 38	< 380	< 250	< 37	< 48	< 240	< 37	< 300	< 190	< 35	< 280	< 49
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 380	< 1300	< 300	< 300	< 300	< 300	< 300	< 960	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 300	< 190	< 250	< 280	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 750	< 510	< 100	< 100	< 480	< 100	< 610	< 390	< 100	< 560	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 380	< 510	< 100	< 100	< 240	< 100	< 300	< 390	< 100	< 280	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 300	< 190	< 250	< 280	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 1300	< 1300	< 330	< 330	**930**	< 330	< 1000	< 960	< 330	< 930	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50

	Date \ Time Collected	9/15/2011 12:00 PM	9/15/2011 12:00 PM	9/15/2011 2:24 PM	9/15/2011 4:15 PM	9/15/2011 4:15 PM	9/15/2011 3:30 PM	9/22/2011 10:30 AM	9/16/2011 8:22 AM	9/16/2011 8:50 AM	9/16/2011 1:30 PM	9/16/2011 1:30 PM	9/16/2011 2:00 PM	9/16/2011 1:55 PM	9/16/2011 2:15 PM
	Location	SBTC0075L 028	SBTC0075L 028	SBTC0075L 030	SBTC0075L 031	SBTC0075L 031	SBTC0075L 031	SBTC0075L 034A	SBTC0075L 035	SBTC0075L 035	SBTC0075L 036	SBTC0075L 036	SBTC0075L 036	SBTC0075L 037	SBTC0075L 037
	Sample	SBTC0075L 028S 091511S062	SBTC0075L 028D 091511S062	SBTC0075L 030S 091511S034	SBTC0075L 031S 091511S009	SBTC0075L031S091511S009-split	SBTC0075L 031S 091511S051	SBTC0075L 034AS 092211S074	SBTC0075L 035S 091611S010	SBTC0075L 035S 091611S035	SBTC0075L 036S 091611S009	SBTC0075L036S091611S009-split	SBTC0075L 036S 091611S060	SBTC0075L 037S 091611S010	SBTC0075L 037S 091611S079
	Depth	5.7 - 6.2 ft	5.7 - 6.2 ft	2.9 - 3.4 ft	0.4 - 0.9 ft	0.4 - 0.9 ft	4.6 - 5.1 ft	6.9 - 7.4 ft	0 - 1 ft	2.5 - 3.55 ft	0.1 - 0.9 ft	0.1 - 0.9 ft	5 - 6 ft	0 - 1 ft	7.3 - 7.9 ft
	USCS Code	SW	SW	SW	OL	OL	SW	GW	OL	GW	OL	OL	SM	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Styrene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 380	< 1300	< 250	< 250	< 250	< 250	< 300	< 960	< 250	< 280	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 13000	< 2500	< 2500	< 2500	< 2500	< 2500	< 9600	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1300	< 1300	< 1000	< 1000	< 1000	< 1000	< 1000	< 960	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 380	< 250	< 50	< 50	< 240	< 50	< 300	< 190	< 50	< 280	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 380	< 250	< 100	< 100	< 240	< 100	< 300	< 190	< 100	< 280	< 100
Vinyl chloride	ug/kg	< 40	< 40	< 40	< 380	< 250	< 40	< 48	< 240	< 40	< 300	< 190	< 40	< 280	< 49
Xylenes	ug/kg	< 100	< 100	< 100	< 750	---	< 100	< 100	< 480	< 100	< 610	---	< 100	< 560	< 100

	Date \ Time Collected	9/22/2011 10:15 AM	9/22/2011 10:15 AM	9/21/2011 6:10 PM	9/16/2011 3:57 PM	9/16/2011 12:25 PM	9/16/2011 12:15 PM	9/16/2011 12:15 PM	9/16/2011 1:50 PM	9/16/2011 1:50 PM	9/16/2011 2:15 PM	9/16/2011 2:40 PM	9/16/2011 3:05 PM	9/16/2011 4:45 PM	9/16/2011 6:10 PM	9/17/2011 8:50 AM
	Location	SBTC0075L 038B	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 044	SBTC0075L 046	SBTC0075L 046	SBTC0075L 046	SBTC0075L 047	SBTC0075L 047	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051
	Sample	SBTC0075L 038BS 092211S071	SBTC0075L 038BD 092211S071	SBTC0075L 040BS 092111S074	SBTC0075L 042S 091611S031	SBTC0075L 043S 091611S061	SBTC0075L 044S 091611S061	SBTC0075L04 4S091611S06 1-split	SBTC0075L 046S 091611S010	SBTC0075L04 6S091611S01 0-split	SBTC0075L 046S 091611S069	SBTC0075L 047S 091611S008	SBTC0075L 047S 091611S071	SBTC0075L 048S 091611S069	SBTC0075L 050S 091611S069	SBTC0075L 051S 091711S062
	Depth	6.7 - 7.1 ft	6.6 - 7.1 ft	6.9 - 7.4 ft	2.5 - 3.1 ft	5.7 - 6.1 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	0 - 1 ft	0 - 1 ft	6.6 - 6.9 ft	0 - 0.8 ft	6.6 - 7.1 ft	6.4 - 6.9 ft	6.3 - 6.9 ft	5.85 - 6.25 ft
	USCS Code	GW	GW	SW	SW	ML	SW	SW	OL	OL	SP	OL	ML	SP	SP	SP-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	**6.1**	---	**18**	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	**15**	---	**27**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.26**	< 0.88	**0.26**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	< 0.2	---	**0.34**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**10**	---	**7.6**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	**8.6**	---	**11**	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	**17000**	---	**8600**	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	**4.1**	---	**6.2**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.05	---	< 0.17	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	< 1.0	**3.0**	< 1.0	< 1.0	< 1	**1.9**	**2.7**	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0	**5.5**
Nickel	mg/kg	**5.8**	**6.0**	**7.5**	**16**	**5.1**	**7.8**	**12**	**10**	**10**	**6.4**	**7.3**	**6.3**	**5.0**	**5.2**	**12**
Selenium	mg/kg	---	---	---	---	---	---	**0.41**	---	**1.1**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**6.5**	**8.0**	**6.1**	**11**	**8.4**	**9.5**	**14**	**9.2**	**13**	**9.0**	**7.1**	**11**	**7.6**	**8.0**	**12**
Zinc	mg/kg	---	---	---	---	---	---	**30**	---	**42**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 560	< 380	< 1600	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/22/2011 10:15 AM	9/22/2011 10:15 AM	9/21/2011 6:10 PM	9/16/2011 3:57 PM	9/16/2011 12:25 PM	9/16/2011 12:15 PM	9/16/2011 12:15 PM	9/16/2011 1:50 PM	9/16/2011 1:50 PM	9/16/2011 2:15 PM	9/16/2011 2:40 PM	9/16/2011 3:05 PM	9/16/2011 4:45 PM	9/16/2011 6:10 PM	9/17/2011 8:50 AM
	Location	SBTC0075L 038B	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 044	SBTC0075L 046	SBTC0075L 046	SBTC0075L 046	SBTC0075L 047	SBTC0075L 047	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051
	Sample	SBTC0075L 038BS 092211S071	SBTC0075L 038BD 092211S071	SBTC0075L 040BS 092111S074	SBTC0075L 042S 091611S031	SBTC0075L 043S 091611S061	SBTC0075L 044S 091611S061	SBTC0075L04 4S091611S06 1-split	SBTC0075L 046S 091611S010	SBTC0075L04 6S091611S01 0-split	SBTC0075L 046S 091611S069	SBTC0075L 047S 091611S008	SBTC0075L 047S 091611S071	SBTC0075L 048S 091611S069	SBTC0075L 050S 091611S069	SBTC0075L 051S 091711S062
	Depth	6.7 - 7.1 ft	6.6 - 7.1 ft	6.9 - 7.4 ft	2.5 - 3.1 ft	5.7 - 6.1 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	0 - 1 ft	0 - 1 ft	6.6 - 6.9 ft	0 - 0.8 ft	6.6 - 7.1 ft	6.4 - 6.9 ft	6.3 - 6.9 ft	5.85 - 6.25 ft
	USCS Code	GW	GW	SW	SW	ML	SW	SW	OL	OL	SP	OL	ML	SP	SP	SP-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**9.4**	**8.2**	**9.2**	**8.5**	**16**	**7.5**	---	**79**	---	**17**	**39**	**16**	**17**	**14**	**13**
Solids	%	---	---	---	---	---	---	**89.6**	---	**30.5**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	< 4.0	**4.4**	**7.1**	**5.6**	**5.0**	---	**51**	---	**5.5**	**6.1**	**5.5**	**6.0**	**5.6**	**4.3**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 28000	---	**110000**	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.8	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 5900	---	< 28000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**15**	**22**	< 4.0	**22**	**11**	**9.1**	---	**150**	---	**8.6**	**28**	**8.6**	**13**	**17**	**5.2**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	< 110000	---	**410000**	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 59	< 1200	< 280	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 300	< 1200	< 1400	< 56	< 110	< 50	< 52	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 300	< 4200	< 1400	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 300	< 4200	< 1400	< 330	< 370	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/22/2011 10:15 AM	9/22/2011 10:15 AM	9/21/2011 6:10 PM	9/16/2011 3:57 PM	9/16/2011 12:25 PM	9/16/2011 12:15 PM	9/16/2011 12:15 PM	9/16/2011 1:50 PM	9/16/2011 1:50 PM	9/16/2011 2:15 PM	9/16/2011 2:40 PM	9/16/2011 3:05 PM	9/16/2011 4:45 PM	9/16/2011 6:10 PM	9/17/2011 8:50 AM
	Location	SBTC0075L 038B	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 044	SBTC0075L 046	SBTC0075L 046	SBTC0075L 046	SBTC0075L 047	SBTC0075L 047	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051
	Sample	SBTC0075L 038BS 092211S071	SBTC0075L 038BD 092211S071	SBTC0075L 040BS 092111S074	SBTC0075L 042S 091611S031	SBTC0075L 043S 091611S061	SBTC0075L 044S 091611S061	SBTC0075L04 4S091611S06 1-split	SBTC0075L 046S 091611S010	SBTC0075L04 6S091611S01 0-split	SBTC0075L 046S 091611S069	SBTC0075L 047S 091611S008	SBTC0075L 047S 091611S071	SBTC0075L 048S 091611S069	SBTC0075L 050S 091611S069	SBTC0075L 051S 091711S062
	Depth	6.7 - 7.1 ft	6.6 - 7.1 ft	6.9 - 7.4 ft	2.5 - 3.1 ft	5.7 - 6.1 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	0 - 1 ft	0 - 1 ft	6.6 - 6.9 ft	0 - 0.8 ft	6.6 - 7.1 ft	6.4 - 6.9 ft	6.3 - 6.9 ft	5.85 - 6.25 ft
	USCS Code	GW	GW	SW	SW	ML	SW	SW	OL	OL	SP	OL	ML	SP	SP	SP-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1200	< 10000	< 5500	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 300	< 1200	< 1400	< 100	< 110	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 1200	< 1100	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 59	< 1200	< 280	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Chloroethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 4200	< 1400	< 250	< 370	< 250	< 250	< 250	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 300	< 1200	< 1400	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 40	< 39	< 40	< 39	< 37	< 65	< 300	< 1200	< 1400	< 56	< 110	< 49	< 52	< 45	< 35
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 59	< 1200	< 280	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 1200	< 1100	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Ethylene dibromide	ug/kg	< 40	< 39	< 40	< 39	< 37	< 65	< 59	< 1200	< 280	< 56	< 110	< 49	< 52	< 45	< 35
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 1200	< 1400	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 59	< 1200	< 280	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 130	< 120	< 2500	< 550	< 110	< 220	< 100	< 100	< 100	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 120	< 1200	< 550	< 100	< 110	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 59	< 1200	< 280	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 300	< 4200	< 1400	< 330	< 370	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/22/2011 10:15 AM	9/22/2011 10:15 AM	9/21/2011 6:10 PM	9/16/2011 3:57 PM	9/16/2011 12:25 PM	9/16/2011 12:15 PM	9/16/2011 12:15 PM	9/16/2011 1:50 PM	9/16/2011 1:50 PM	9/16/2011 2:15 PM	9/16/2011 2:40 PM	9/16/2011 3:05 PM	9/16/2011 4:45 PM	9/16/2011 6:10 PM	9/17/2011 8:50 AM
	Location	SBTC0075L 038B	SBTC0075L 038B	SBTC0075L 040B	SBTC0075L 042	SBTC0075L 043	SBTC0075L 044	SBTC0075L 044	SBTC0075L 046	SBTC0075L 046	SBTC0075L 046	SBTC0075L 047	SBTC0075L 047	SBTC0075L 048	SBTC0075L 050	SBTC0075L 051
	Sample	SBTC0075L 038BS 092211S071	SBTC0075L 038BD 092211S071	SBTC0075L 040BS 092111S074	SBTC0075L 042S 091611S031	SBTC0075L 043S 091611S061	SBTC0075L 044S 091611S061	SBTC0075L04 4S091611S06 1-split	SBTC0075L 046S 091611S010	SBTC0075L04 6S091611S01 0-split	SBTC0075L 046S 091611S069	SBTC0075L 047S 091611S008	SBTC0075L 047S 091611S071	SBTC0075L 048S 091611S069	SBTC0075L 050S 091611S069	SBTC0075L 051S 091711S062
	Depth	6.7 - 7.1 ft	6.6 - 7.1 ft	6.9 - 7.4 ft	2.5 - 3.1 ft	5.7 - 6.1 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	0 - 1 ft	0 - 1 ft	6.6 - 6.9 ft	0 - 0.8 ft	6.6 - 7.1 ft	6.4 - 6.9 ft	6.3 - 6.9 ft	5.85 - 6.25 ft
	USCS Code	GW	GW	SW	SW	ML	SW	SW	OL	OL	SP	OL	ML	SP	SP	SP-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Styrene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 300	< 1200	< 1400	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3000	< 4200	< 14000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 300	< 4200	< 1400	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 65	< 59	< 1200	< 280	< 56	< 110	< 50	< 52	< 50	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 59	< 1200	< 280	< 100	< 110	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 40	< 40	< 40	< 40	< 65	< 59	< 1200	< 280	< 56	< 110	< 49	< 52	< 45	< 40
Xylenes	ug/kg	< 100	< 100	< 100	< 100	< 100	< 130	---	< 2500	---	< 110	< 220	< 100	< 100	< 100	< 100

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 9:00 AM	9/17/2011 2:40 PM	9/17/2011 10:40 AM	9/17/2011 10:40 AM	9/17/2011 5:45 PM	9/17/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 12:10 PM	9/19/2011 3:10 PM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:28 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM
	Location	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056	SBTC0075L 056	SBTC0075L 058	SBTC0075L 059	SBTC0075L 061	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 065	SBTC0075L 066
	Sample	SBTC0075L 052S 091711S065	SBTC0075L 054S 091711S046	SBTC0075L 056S 091711S067	SBTC0075L05 6S091711S06 7-split	SBTC0075L 058S 091711S067	SBTC0075L 059S 091711S071	SBTC0075L 061S 091911S067	SBTC0075L06 1S091911S06 7-SPLIT	SBTC0075L 062S 091911S069	SBTC0075L 063S 091911S069	SBTC0075L06 3S091911S06 9-SPLIT	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S005	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073
	Depth	5.9 - 6.5 ft	4.1 - 4.6 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6 - 6.5 ft	0 - 0.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft
	USCS Code	ML	ML	SP	SP	SM	SM	SM	SM	SW-SM	SM	SM	GM	OL	GM	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**3.3**	---	---	---	**8.9**	---	---	**19**	---	---	---	---
Barium	mg/kg	---	---	---	**11**	---	---	---	**16**	---	---	**15**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	**0.83**	**0.84**	< 0.50	**1.2**	**1.4**	**1.3**	< 0.50	**0.98**	**1.3**
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	< 0.2	---	---	**0.24**	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**6.6**	---	---	---	**34**	---	---	**61**	---	---	---	---
Copper	mg/kg	---	---	---	**4.3**	---	---	---	**7.5**	---	---	**4.5**	---	---	---	---
Iron	mg/kg	---	---	---	**7800**	---	---	---	**59000**	---	---	**100000**	---	---	---	---
Lead	mg/kg	---	---	---	**2.8**	---	---	---	**2.2**	---	---	**3.0**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	< 0.05	---	---	< 0.05	---	---	---	---
Molybdenum	mg/kg	**1.4**	**11**	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1	**1.6**	**2.0**	< 1.0	**1.3**
Nickel	mg/kg	**27**	**12**	**4.5**	**7.5**	**4.8**	**5.5**	**30**	**31**	**6.8**	**43**	**57**	**44**	**12**	**30**	**39**
Selenium	mg/kg	---	---	---	< 0.2	---	---	---	**0.26**	---	---	**0.24**	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**10**	**19**	**7.7**	**10**	**8.3**	**9.4**	**140**	**100**	**9.4**	**260**	**200**	**250**	**18**	**150**	**220**
Zinc	mg/kg	---	---	---	**21**	---	---	---	**35**	---	---	**76**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 570	< 330	< 330	< 580	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 460	< 330	< 330	< 470	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 230	< 330	< 330	< 230	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/17/2011 9:00 AM	9/17/2011 2:40 PM	9/17/2011 10:40 AM	9/17/2011 10:40 AM	9/17/2011 5:45 PM	9/17/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 12:10 PM	9/19/2011 3:10 PM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:28 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM
	Location	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056	SBTC0075L 056	SBTC0075L 058	SBTC0075L 059	SBTC0075L 061	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 065	SBTC0075L 066
	Sample	SBTC0075L 052S 091711S065	SBTC0075L 054S 091711S046	SBTC0075L 056S 091711S067	SBTC0075L05 6S091711S06 7-split	SBTC0075L 058S 091711S067	SBTC0075L 059S 091711S071	SBTC0075L 061S 091911S067	SBTC0075L06 1S091911S06 7-SPLIT	SBTC0075L 062S 091911S069	SBTC0075L 063S 091911S069	SBTC0075L06 3S091911S06 9-SPLIT	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S005	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073
	Depth	5.9 - 6.5 ft	4.1 - 4.6 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6 - 6.5 ft	0 - 0.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft
	USCS Code	ML	ML	SP	SP	SM	SM	SM	SM	SW-SM	SM	SM	GM	OL	GM	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result
Solids																
Moisture	%	**13**	**15**	**7.8**	---	**8.4**	**7.7**	**12**	---	**9.1**	**15**	---	**14**	**25**	**15**	**14**
Solids	%	---	---	---	**91.5**	---	---	---	**87.1**	---	---	**85.6**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	**4.2**	**5.1**	---	**4.5**	< 4.0	**4.4**	---	**18**	**4.8**	---	**4.2**	< 4.0	< 4.0	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 27000	---	---	---	< 29000	---	---	< 29000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 6400	---	---	---	< 6300	---	---	< 7000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	< 4.0	**4.6**	**7.1**	---	< 4.0	**9.9**	< 4.0	---	**41**	**6.1**	---	< 4.0	**6.9**	< 4.0	**6.1**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 110000	---	---	---	< 110000	---	---	< 120000	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 64	< 250	< 250	< 250	< 63	< 250	< 250	< 70	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 320	< 50	< 50	< 50	< 320	< 50	< 50	< 350	< 50	< 67	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 320	< 750	< 750	< 750	< 320	< 750	< 750	< 350	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 350	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 350	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/17/2011 9:00 AM	9/17/2011 2:40 PM	9/17/2011 10:40 AM	9/17/2011 10:40 AM	9/17/2011 5:45 PM	9/17/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 12:10 PM	9/19/2011 3:10 PM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:28 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM
	Location	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056	SBTC0075L 056	SBTC0075L 058	SBTC0075L 059	SBTC0075L 061	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 065	SBTC0075L 066
	Sample	SBTC0075L 052S 091711S065	SBTC0075L 054S 091711S046	SBTC0075L 056S 091711S067	SBTC0075L05 6S091711S06 7-split	SBTC0075L 058S 091711S067	SBTC0075L 059S 091711S071	SBTC0075L 061S 091911S067	SBTC0075L06 1S091911S06 7-SPLIT	SBTC0075L 062S 091911S069	SBTC0075L 063S 091911S069	SBTC0075L06 3S091911S06 9-SPLIT	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S005	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073
	Depth	5.9 - 6.5 ft	4.1 - 4.6 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6 - 6.5 ft	0 - 0.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft
	USCS Code	ML	ML	SP	SP	SM	SM	SM	SM	SW-SM	SM	SM	GM	OL	GM	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1300	< 1000	< 1000	< 1000	< 1300	< 1000	< 1000	< 1400	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 320	< 100	< 100	< 100	< 320	< 100	< 100	< 350	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 260	< 200	< 200	< 200	< 250	< 200	< 200	< 280	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 64	< 250	< 250	< 250	< 63	< 250	< 250	< 70	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Chloroethane	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 320	< 500	< 500	< 500	< 320	< 500	< 500	< 350	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 34	< 48	< 38	< 320	< 39	< 38	< 44	< 320	< 40	< 48	< 350	< 46	< 67	< 48	< 46
Dibromomethane	ug/kg	< 250	< 250	< 250	< 64	< 250	< 250	< 250	< 63	< 250	< 250	< 70	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 260	< 200	< 200	< 200	< 250	< 200	< 200	< 280	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Ethylene dibromide	ug/kg	< 34	< 48	< 38	< 64	< 39	< 38	< 44	< 63	< 40	< 48	< 70	< 46	< 67	< 48	< 46
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 320	< 300	< 300	< 300	< 320	< 300	< 300	< 350	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 64	< 250	< 250	< 250	< 63	< 250	< 250	< 70	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 130	< 100	< 100	< 100	< 130	< 100	< 100	< 140	< 100	< 130	< 100	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 130	< 100	< 100	< 100	< 130	< 100	< 100	< 140	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 64	< 250	< 250	< 250	< 63	< 250	< 250	< 70	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 320	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 9:00 AM	9/17/2011 2:40 PM	9/17/2011 10:40 AM	9/17/2011 10:40 AM	9/17/2011 5:45 PM	9/17/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 11:25 AM	9/19/2011 12:10 PM	9/19/2011 3:10 PM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:28 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM
	Location	SBTC0075L 052	SBTC0075L 054	SBTC0075L 056	SBTC0075L 056	SBTC0075L 058	SBTC0075L 059	SBTC0075L 061	SBTC0075L 061	SBTC0075L 062	SBTC0075L 063	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 065	SBTC0075L 066
	Sample	SBTC0075L 052S 091711S065	SBTC0075L 054S 091711S046	SBTC0075L 056S 091711S067	SBTC0075L05 6S091711S06 7-split	SBTC0075L 058S 091711S067	SBTC0075L 059S 091711S071	SBTC0075L 061S 091911S067	SBTC0075L06 1S091911S06 7-SPLIT	SBTC0075L 062S 091911S069	SBTC0075L 063S 091911S069	SBTC0075L06 3S091911S06 9-SPLIT	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S005	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073
	Depth	5.9 - 6.5 ft	4.1 - 4.6 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6 - 6.5 ft	0 - 0.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft
	USCS Code	ML	ML	SP	SP	SM	SM	SM	SM	SW-SM	SM	SM	GM	OL	GM	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Styrene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 320	< 250	< 250	< 250	< 320	< 250	< 250	< 350	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 3200	< 2500	< 2500	< 2500	< 3200	< 2500	< 2500	< 3500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 320	< 1000	< 1000	< 1000	< 320	< 1000	< 1000	< 350	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 64	< 50	< 50	< 50	< 63	< 50	< 50	< 70	< 50	< 67	< 50	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 64	< 100	< 100	< 100	< 63	< 100	< 100	< 70	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 48	< 40	< 64	< 40	< 40	< 44	< 63	< 40	< 48	< 70	< 46	< 67	< 48	< 46
Xylenes	ug/kg	< 100	< 100	< 100	---	< 100	< 100	< 100	---	< 100	< 100	---	< 100	< 130	< 100	< 100

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 3:20 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	9/21/2011 3:15 PM	9/20/2011 10:40 AM	9/20/2011 7:50 AM	9/21/2011 2:10 PM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	9/20/2011 8:15 AM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	1/21/2014 3:05 PM
	Location	SBTC0075L 067	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 068A	SBTC0075L 069	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 073	SBTC0075L 073	SBTC0075L 073	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 502
	Sample	SBTC0075L 067S 091911S002	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L068AS092111S045-split	SBTC0075L 069S 092011S064	SBTC0075L 070S 092011S066	SBTC0075L 072AS 092111S068	SBTC0075L 073S 092011S003	SBTC0075L 073S 092011S074	SBTC0075L 073D 092011S074	SBTC0075L 074S 092011S010	SBTC0075L074S092011S010-split	SBTC0075L 074S 092011S072	SBTC0075L 074D 092011S072	SBTC0075L 502S 012114S030
	Depth	0 - 0.2 ft	5.9 - 6.4 ft	4 - 4.5 ft	4 - 4.5 ft	5.9 - 6.4 ft	6.1 - 6.6 ft	6.3 - 6.8 ft	0 - 0.3 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	6.8 - 7.2 ft	2.6 - 3 ft
	USCS Code	OL	CL	OL	OL	ML	SM	SP	CL	SM	SM	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Duplicate	Result
Metals																
Arsenic	mg/kg	---	---	---	**13**	---	---	---	---	---	---	---	**6.9**	---	---	---
Barium	mg/kg	---	---	---	**25**	---	---	---	---	---	---	---	**43**	---	---	---
Beryllium	mg/kg	< 0.50	**1.4**	< 0.50	**0.30**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.70**	< 0.50	**0.43**	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	---	---	---	---	**0.26**	---	---	---
Chromium (Total)	mg/kg	---	---	---	**8.7**	---	---	---	---	---	---	---	**14**	---	---	---
Copper	mg/kg	---	---	---	**12**	---	---	---	---	---	---	---	**16**	---	---	---
Iron	mg/kg	---	---	---	**28000**	---	---	---	---	---	---	---	**19000**	---	---	---
Lead	mg/kg	---	---	---	**6.8**	---	---	---	---	---	---	---	**7.3**	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	---	---	< 0.05	---	---	---
Molybdenum	mg/kg	**4.1**	< 1.0	**28**	**12**	< 1.0	**1.4**	**14**	**1.8**	< 1.0	< 1.0	**4.4**	**4.3**	**7.1**	**4.1**	< 1.0
Nickel	mg/kg	**20**	**39**	**16**	**14**	**20**	**17**	**20**	**15**	**16**	**25**	**21**	**22**	**9.4**	**7.4**	**7.7**
Selenium	mg/kg	---	---	---	**0.37**	---	---	---	---	---	---	---	**0.32**	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**24**	**200**	**21**	**15**	**44**	**41**	**39**	**18**	**61**	**91**	**21**	**20**	**22**	**16**	**9.0**
Zinc	mg/kg	---	---	---	**28**	---	---	---	---	---	---	---	**45**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 660	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 590	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 530	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 3:20 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	9/21/2011 3:15 PM	9/20/2011 10:40 AM	9/20/2011 7:50 AM	9/21/2011 2:10 PM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	9/20/2011 8:15 AM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	1/21/2014 3:05 PM
	Location	SBTC0075L 067	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 068A	SBTC0075L 069	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 073	SBTC0075L 073	SBTC0075L 073	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 502
	Sample	SBTC0075L 067S 091911S002	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L068AS092111S045-split	SBTC0075L 069S 092011S064	SBTC0075L 070S 092011S066	SBTC0075L 072AS 092111S068	SBTC0075L 073S 092011S003	SBTC0075L 073S 092011S074	SBTC0075L 073D 092011S074	SBTC0075L 074S 092011S010	SBTC0075L074S092011S010-split	SBTC0075L 074S 092011S072	SBTC0075L 074D 092011S072	SBTC0075L 502S 012114S030
	Depth	0 - 0.2 ft	5.9 - 6.4 ft	4 - 4.5 ft	4 - 4.5 ft	5.9 - 6.4 ft	6.1 - 6.6 ft	6.3 - 6.8 ft	0 - 0.3 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	6.8 - 7.2 ft	2.6 - 3 ft
	USCS Code	OL	CL	OL	OL	ML	SM	SP	CL	SM	SM	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Duplicate	Result
Solids																
Moisture	%	**48**	**15**	**39**	---	**12**	**12**	**13**	**23**	**12**	**13**	**14**	---	**9.8**	**11**	**7.8**
Solids	%	---	---	---	**75.4**	---	---	---	---	---	---	---	**84.7**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**7.2**	< 4.0	**12**	---	**5.4**	< 4.0	**5.0**	**4.9**	< 4.0	**4.7**	**5.4**	---	**4.4**	**4.4**	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 33000	---	---	---	---	---	---	---	< 30000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 8100	---	---	---	---	---	---	---	< 6800	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**11**	< 4.0	**53**	---	**10**	**6.7**	**7.9**	**4.4**	< 4.0	**4.7**	**10**	---	< 4.0	**5.4**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 130000	---	---	---	---	---	---	---	< 120000	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,1-Dichloroethane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 81	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 68	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,2-Dichloropropane	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 160	< 50	< 110	< 400	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 340	< 50	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 400	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 340	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 550	< 330	< 380	< 400	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 340	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500	< 2500	< 2500

	Date \ Time Collected	9/19/2011 3:20 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	9/21/2011 3:15 PM	9/20/2011 10:40 AM	9/20/2011 7:50 AM	9/21/2011 2:10 PM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	9/20/2011 8:15 AM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	1/21/2014 3:05 PM
	Location	SBTC0075L 067	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 068A	SBTC0075L 069	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 073	SBTC0075L 073	SBTC0075L 073	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 502
	Sample	SBTC0075L 067S 091911S002	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L068AS092111S045-split	SBTC0075L 069S 092011S064	SBTC0075L 070S 092011S066	SBTC0075L 072AS 092111S068	SBTC0075L 073S 092011S003	SBTC0075L 073S 092011S074	SBTC0075L 073D 092011S074	SBTC0075L 074S 092011S010	SBTC0075L074S092011S010-split	SBTC0075L 074S 092011S072	SBTC0075L 074D 092011S072	SBTC0075L 502S 012114S030
	Depth	0 - 0.2 ft	5.9 - 6.4 ft	4 - 4.5 ft	4 - 4.5 ft	5.9 - 6.4 ft	6.1 - 6.6 ft	6.3 - 6.8 ft	0 - 0.3 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	6.8 - 7.2 ft	2.6 - 3 ft
	USCS Code	OL	CL	OL	OL	ML	SM	SP	CL	SM	SM	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Duplicate	Result
Acetone	ug/kg	< 1400	< 1000	< 1000	< 1600	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1400	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 160	< 100	< 110	< 400	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 340	< 100	< 100	< 100
Benzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Bromobenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Bromoform	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 320	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 270	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 81	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 68	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Chlorobenzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Chloroethane	ug/kg	< 550	< 250	< 380	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
Chloroform	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 400	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 340	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 160	< 48	< 110	< 400	< 43	< 43	< 45	< 65	< 44	< 45	< 46	< 340	< 40	< 45	< 38
Dibromomethane	ug/kg	< 250	< 250	< 250	< 81	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 68	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 320	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 270	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Ethylene dibromide	ug/kg	< 160	< 48	< 110	< 81	< 43	< 43	< 45	< 65	< 44	< 45	< 46	< 68	< 40	< 45	< 38
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 400	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 340	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 81	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 68	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 330	< 100	< 230	< 160	< 100	< 100	< 100	< 130	< 100	< 100	< 100	< 140	< 100	< 100	< 100
Methyl Iodide	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Methylene chloride	ug/kg	< 160	< 100	< 190	< 160	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 140	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 81	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 68	< 250	< 250	< 250
Naphthalene	ug/kg	< 550	< 330	< 380	< 400	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 340	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
n-Propylbenzene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
o-Xylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 3:20 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	9/21/2011 3:15 PM	9/20/2011 10:40 AM	9/20/2011 7:50 AM	9/21/2011 2:10 PM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	9/20/2011 8:15 AM	9/20/2011 8:15 AM	9/20/2011 8:40 AM	9/20/2011 8:40 AM	1/21/2014 3:05 PM
	Location	SBTC0075L 067	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 068A	SBTC0075L 069	SBTC0075L 070	SBTC0075L 072A	SBTC0075L 073	SBTC0075L 073	SBTC0075L 073	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 074	SBTC0075L 502
	Sample	SBTC0075L 067S 091911S002	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L068AS092111S045-split	SBTC0075L 069S 092011S064	SBTC0075L 070S 092011S066	SBTC0075L 072AS 092111S068	SBTC0075L 073S 092011S003	SBTC0075L 073S 092011S074	SBTC0075L 073D 092011S074	SBTC0075L 074S 092011S010	SBTC0075L074S092011S010-split	SBTC0075L 074S 092011S072	SBTC0075L 074D 092011S072	SBTC0075L 502S 012114S030
	Depth	0 - 0.2 ft	5.9 - 6.4 ft	4 - 4.5 ft	4 - 4.5 ft	5.9 - 6.4 ft	6.1 - 6.6 ft	6.3 - 6.8 ft	0 - 0.3 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	6.8 - 7.2 ft	2.6 - 3 ft
	USCS Code	OL	CL	OL	OL	ML	SM	SP	CL	SM	SM	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Duplicate	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Styrene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 4000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3400	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Tetrachloroethylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 400	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 340	< 1000	< 1000	< 1000
Toluene	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Trichloroethylene	ug/kg	< 160	< 50	< 110	< 81	< 50	< 50	< 50	< 65	< 50	< 50	< 50	< 68	< 50	< 50	< 50
Trichlorofluoromethane	ug/kg	< 160	< 100	< 110	< 81	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 68	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 160	< 48	< 110	< 81	< 43	< 43	< 45	< 65	< 44	< 45	< 46	< 68	< 40	< 45	< 40
Xylenes	ug/kg	< 330	< 100	< 230	---	< 100	< 100	< 100	< 130	< 100	< 100	< 100	---	< 100	< 100	< 100

	Date \ Time Collected	1/21/2014 2:47 PM	2/5/2014 11:35 AM	2/10/2014 1:55 PM	2/14/2014 12:00 PM	9/12/2011 9:50 AM	9/12/2011 9:50 AM	9/12/2011 11:30 AM	9/12/2011 11:30 AM	9/12/2011 10:05 AM	9/12/2011 10:05 AM	9/12/2011 10:55 AM	9/12/2011 10:30 AM	9/12/2011 11:15 AM	9/12/2011 11:30 AM
	Location	SBTC0075L 503	SBTC0075L 514	SBTC0075L 515	SBTC0075L 518	SBTC0075R 001	SBTC0075R 001	SBTC0075R 002	SBTC0075R 002	SBTC0075R 003	SBTC0075R 003	SBTC0075R 003	SBTC0075R 004	SBTC0075R 004	SBTC0075R 005
	Sample	SBTC0075L 503S 012114S007	SBTC0075L 514S 020514S018	SBTC0075L 515S 021014S023	SBTC0075L 518S 021414S073	SBTC0075R 001S 091211S075	SBTC0075R 001D 091211S075	SBTC0075R 02S 091211S077	SBTC0075R02 S091211S077-split	SBTC0075R 03S 091211S010	SBTC0075R03 S091211010-split	SBTC0075R 03S 091211S078	SBTC0075R 04S 091211S010	SBTC0075R 04S 091211S070	SBTC0075R 005S 091211S010
	Depth	0.2 - 0.7 ft	1.5 - 1.8 ft	1.8 - 2.3 ft	6.8 - 7.3 ft	7 - 7.5 ft	7 - 7.5 ft	5.9 - 7.7 ft	5.9 - 7.7 ft	0 - 1 ft	0 - 1 ft	7 - 7.8 ft	0 - 1 ft	6 - 7 ft	0 - 1 ft
	USCS Code	OL	SW	SW	ML	SP	SP	SP	SP	OL	OL	SW	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	**1.2**	---	**13**	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	**4.5**	---	**56**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	---	---	< 0.50	< 0.50	< 0.50	< 0.2	< 0.65	**0.76**	< 0.50	< 1.7	< 0.50	< 1.1
Cadmium	mg/kg	---	---	---	---	---	---	---	< 0.2	---	**0.50**	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	**4.1**	---	**15**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	**2.3**	---	**17**	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	**3600**	---	**15000**	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	**2.6**	---	**8.9**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	< 0.05	---	< 0.16	---	---	---	---
Molybdenum	mg/kg	**1.9**	< 1.0	**2.2**	---	< 1.0	< 1.0	< 1.0	< 1	**4.4**	**2.0**	< 1.0	**5.6**	< 1.0	**21**
Nickel	mg/kg	**11**	**6.9**	---	---	**2.5**	**2.7**	**2.8**	**4.1**	**12**	**21**	**6.3**	**14**	**4.7**	**5.5**
Selenium	mg/kg	---	---	---	---	---	---	---	< 0.2	---	**3.1**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	< 0.1	---	**0.11**	---	---	---	---
Vanadium	mg/kg	**17**	**11**	---	**250**	**4.0**	**4.0**	**4.5**	**5.3**	**18**	**26**	**7.8**	**18**	**8.7**	**5.0**
Zinc	mg/kg	---	---	---	---	---	---	---	**10**	---	**30**	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 290	< 330	< 1600	< 330	< 580	< 330	< 550
Acenaphthene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 230	< 330	< 1300	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	---	---	< 330	< 330	< 330	< 120	< 330	< 630	< 330	< 330	< 330	< 330

	Date \ Time Collected	1/21/2014 2:47 PM	2/5/2014 11:35 AM	2/10/2014 1:55 PM	2/14/2014 12:00 PM	9/12/2011 9:50 AM	9/12/2011 9:50 AM	9/12/2011 11:30 AM	9/12/2011 11:30 AM	9/12/2011 10:05 AM	9/12/2011 10:05 AM	9/12/2011 10:55 AM	9/12/2011 10:30 AM	9/12/2011 11:15 AM	9/12/2011 11:30 AM
	Location	SBTC0075L 503	SBTC0075L 514	SBTC0075L 515	SBTC0075L 518	SBTC0075R 001	SBTC0075R 001	SBTC0075R 002	SBTC0075R 002	SBTC0075R 003	SBTC0075R 003	SBTC0075R 003	SBTC0075R 004	SBTC0075R 004	SBTC0075R 005
	Sample	SBTC0075L 503S 012114S007	SBTC0075L 514S 020514S018	SBTC0075L 515S 021014S023	SBTC0075L 518S 021414S073	SBTC0075R 001S 091211S075	SBTC0075R 001D 091211S075	SBTC0075R 02S 091211S077	SBTC0075R02 S091211S077-split	SBTC0075R 03S 091211S010	SBTC0075R03 S091211010-split	SBTC0075R 03S 091211S078	SBTC0075R 04S 091211S010	SBTC0075R 04S 091211S070	SBTC0075R 005S 091211S010
	Depth	0.2 - 0.7 ft	1.5 - 1.8 ft	1.8 - 2.3 ft	6.8 - 7.3 ft	7 - 7.5 ft	7 - 7.5 ft	5.9 - 7.7 ft	5.9 - 7.7 ft	0 - 1 ft	0 - 1 ft	7 - 7.8 ft	0 - 1 ft	6 - 7 ft	0 - 1 ft
	USCS Code	OL	SW	SW	ML	SP	SP	SP	SP	OL	OL	SW	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Solids															
Moisture	%	**55**	**31**	**15**	**14**	**16**	**17**	**16**	---	**69**	---	**7.8**	**87**	**10**	**86**
Solids	%	---	---	---	---	---	---	---	**86.3**	---	**31.8**	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	**5.2**	**5.9**	**4.0**	---	**10**	---	**5.7**	**30**	**5.5**	**19**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	< 29000	---	< 79000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	---	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 7.4	< 4.0	< 7.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	< 6400	---	< 26000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	**5.9**	**5.2**	**4.2**	---	**15**	---	**5.8**	**40**	< 4.0	**37**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	< 120000	---	**470000**	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,1,1-Trichloroethane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,1,2,2-Tetrachloroethane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,1,2-Trichloroethane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,1-Dichloroethane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,1-Dichloroethylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
1,2,3-Trichloropropane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 64	< 520	< 260	< 250	< 3200	< 250	< 2800
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
1,2,4-Trimethylbenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,2-Dichlorobenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,2-Dichloroethane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,2-Dichloropropane	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,3,5-Trimethylbenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,3-Dichlorobenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
1,3-Dichloropropene, cis	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,3-Dichloropropene, trans	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
1,4-Dichloro-2-butene, trans	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 320	< 520	< 1300	< 50	< 3200	< 50	< 2800
1,4-Dichlorobenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
2-Butanone (MEK)	ug/kg	< 840	< 750	---	---	< 750	< 750	< 750	< 320	< 1700	< 1300	< 750	< 11000	< 750	< 9200
2-Hexanone	ug/kg	< 2500	< 2500	---	---	< 2500	< 2500	< 2500	< 320	< 2500	< 1300	< 2500	< 3200	< 2500	< 2800
2-Methylnaphthalene	ug/kg	< 840	< 330	---	---	< 330	< 330	< 330	< 320	< 1700	< 1300	< 330	< 11000	< 330	< 9200
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	---	---	< 2500	< 2500	< 2500	< 320	< 2500	< 1300	< 2500	< 3200	< 2500	< 2800

	Date \ Time Collected	1/21/2014 2:47 PM	2/5/2014 11:35 AM	2/10/2014 1:55 PM	2/14/2014 12:00 PM	9/12/2011 9:50 AM	9/12/2011 9:50 AM	9/12/2011 11:30 AM	9/12/2011 11:30 AM	9/12/2011 10:05 AM	9/12/2011 10:05 AM	9/12/2011 10:55 AM	9/12/2011 10:30 AM	9/12/2011 11:15 AM	9/12/2011 11:30 AM
	Location	SBTC0075L 503	SBTC0075L 514	SBTC0075L 515	SBTC0075L 518	SBTC0075R 001	SBTC0075R 001	SBTC0075R 002	SBTC0075R 002	SBTC0075R 003	SBTC0075R 003	SBTC0075R 003	SBTC0075R 004	SBTC0075R 004	SBTC0075R 005
	Sample	SBTC0075L 503S 012114S007	SBTC0075L 514S 020514S018	SBTC0075L 515S 021014S023	SBTC0075L 518S 021414S073	SBTC0075R 001S 091211S075	SBTC0075R 001D 091211S075	SBTC0075R 02S 091211S077	SBTC0075R02 S091211S077-split	SBTC0075R 03S 091211S010	SBTC0075R03 S091211010-split	SBTC0075R 03S 091211S078	SBTC0075R 04S 091211S010	SBTC0075R 04S 091211S070	SBTC0075R 005S 091211S010
	Depth	0.2 - 0.7 ft	1.5 - 1.8 ft	1.8 - 2.3 ft	6.8 - 7.3 ft	7 - 7.5 ft	7 - 7.5 ft	5.9 - 7.7 ft	5.9 - 7.7 ft	0 - 1 ft	0 - 1 ft	7 - 7.8 ft	0 - 1 ft	6 - 7 ft	0 - 1 ft
	USCS Code	OL	SW	SW	ML	SP	SP	SP	SP	OL	OL	SW	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Acetone	ug/kg	< 2100	< 1000	---	---	< 1000	< 1000	< 1000	< 1300	< 4300	< 5200	< 1000	< 27000	< 1000	< 23000
Acrylonitrile	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 320	< 520	< 1300	< 100	< 3200	< 100	< 2800
Benzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Bromobenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Bromochloromethane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Bromodichloromethane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Bromoform	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Bromomethane	ug/kg	< 250	< 200	---	---	< 200	< 200	< 200	< 260	< 520	< 1000	< 200	< 3200	< 200	< 2800
Carbon disulfide	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 64	< 520	< 260	< 250	< 3200	< 250	< 2800
Carbon tetrachloride	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Chlorobenzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Chloroethane	ug/kg	< 840	< 270	---	---	< 250	< 250	< 250	< 320	< 1700	< 1300	< 250	< 11000	< 250	< 9200
Chloroform	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Chloromethane	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
cis-1,2-Dichloroethylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Cyclohexane	ug/kg	< 500	< 500	---	---	< 500	< 500	< 500	< 320	< 520	< 1300	< 500	< 3200	< 500	< 2800
Dibromochloromethane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Dibromochloropropane	ug/kg	< 250	< 82	---	---	< 49	< 52	< 49	< 320	< 520	< 1300	< 38	< 3200	< 41	< 2800
Dibromomethane	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 64	< 520	< 260	< 250	< 3200	< 250	< 2800
Dichlorodifluoromethane	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
Diethyl ether	ug/kg	< 250	< 200	---	---	< 200	< 200	< 200	< 260	< 520	< 1000	< 200	< 3200	< 200	< 2800
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
Ethylbenzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Ethylene dibromide	ug/kg	< 250	< 82	---	---	< 49	< 52	< 49	< 64	< 520	< 260	< 38	< 3200	< 41	< 2800
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
Hexachloroethane	ug/kg	< 300	< 300	---	---	< 300	< 300	< 300	< 320	< 520	< 1300	< 300	< 3200	< 300	< 2800
Isopropyl benzene	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 64	< 520	< 260	< 250	< 3200	< 250	< 2800
m&p-Xylene	ug/kg	< 510	< 160	---	---	< 100	< 100	< 100	< 130	< 1000	< 520	< 100	< 6400	< 100	< 5500
Methyl Iodide	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Methylene chloride	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 130	< 520	< 520	< 100	< 3200	< 100	< 2800
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 64	< 520	< 260	< 250	< 3200	< 250	< 2800
Naphthalene	ug/kg	< 840	< 330	---	---	< 330	< 330	< 330	< 320	< 1700	< 1300	< 330	< 11000	< 330	< 9200
n-Butylbenzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
n-Propylbenzene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
o-Xylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800

	Date \ Time Collected	1/21/2014 2:47 PM	2/5/2014 11:35 AM	2/10/2014 1:55 PM	2/14/2014 12:00 PM	9/12/2011 9:50 AM	9/12/2011 9:50 AM	9/12/2011 11:30 AM	9/12/2011 11:30 AM	9/12/2011 10:05 AM	9/12/2011 10:05 AM	9/12/2011 10:55 AM	9/12/2011 10:30 AM	9/12/2011 11:15 AM	9/12/2011 11:30 AM
	Location	SBTC0075L 503	SBTC0075L 514	SBTC0075L 515	SBTC0075L 518	SBTC0075R 001	SBTC0075R 001	SBTC0075R 002	SBTC0075R 002	SBTC0075R 003	SBTC0075R 003	SBTC0075R 003	SBTC0075R 004	SBTC0075R 004	SBTC0075R 005
	Sample	SBTC0075L 503S 012114S007	SBTC0075L 514S 020514S018	SBTC0075L 515S 021014S023	SBTC0075L 518S 021414S073	SBTC0075R 001S 091211S075	SBTC0075R 001D 091211S075	SBTC0075R 02S 091211S077	SBTC0075R02 S091211S077-split	SBTC0075R 03S 091211S010	SBTC0075R03 S091211010-split	SBTC0075R 03S 091211S078	SBTC0075R 04S 091211S010	SBTC0075R 04S 091211S070	SBTC0075R 005S 091211S010
	Depth	0.2 - 0.7 ft	1.5 - 1.8 ft	1.8 - 2.3 ft	6.8 - 7.3 ft	7 - 7.5 ft	7 - 7.5 ft	5.9 - 7.7 ft	5.9 - 7.7 ft	0 - 1 ft	0 - 1 ft	7 - 7.8 ft	0 - 1 ft	6 - 7 ft	0 - 1 ft
	USCS Code	OL	SW	SW	ML	SP	SP	SP	SP	OL	OL	SW	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
sec-Butylbenzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Styrene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	---	---	< 250	< 250	< 250	< 320	< 520	< 1300	< 250	< 3200	< 250	< 2800
t-Butyl alcohol	ug/kg	< 2500	< 2500	---	---	< 2500	< 2500	< 2500	< 3200	< 2500	< 13000	< 2500	< 11000	< 2500	< 9200
t-Butylbenzene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Tetrachloroethylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Tetrahydrofuran	ug/kg	< 1000	< 1000	---	---	< 1000	< 1000	< 1000	< 320	< 1700	< 1300	< 1000	< 11000	< 1000	< 9200
Toluene	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
trans-1,2-Dichloroethylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Trichloroethylene	ug/kg	< 250	< 82	---	---	< 50	< 52	< 50	< 64	< 520	< 260	< 50	< 3200	< 50	< 2800
Trichlorofluoromethane	ug/kg	< 250	< 100	---	---	< 100	< 100	< 100	< 64	< 520	< 260	< 100	< 3200	< 100	< 2800
Vinyl chloride	ug/kg	< 250	< 82	---	---	< 49	< 52	< 49	< 64	< 520	< 260	< 40	< 3200	< 41	< 2800
Xylenes	ug/kg	< 510	< 160	---	---	< 100	< 100	< 100	---	< 1000	---	< 100	< 6400	< 100	< 5500

	Date \ Time Collected	9/12/2011 12:50 PM	9/12/2011 12:50 PM	9/12/2011 11:15 AM	9/12/2011 11:45 AM	9/12/2011 1:05 PM	9/12/2011 1:20 PM	9/12/2011 1:25 PM	9/12/2011 1:35 PM	9/12/2011 2:05 PM	9/12/2011 2:05 PM	9/12/2011 2:45 PM	9/12/2011 2:45 PM	9/12/2011 3:25 PM	9/13/2011 2:00 PM
	Location	SBTC0075R 005	SBTC0075R 005	SBTC0075R 006	SBTC0075R 006	SBTC0075R 007	SBTC0075R 007	SBTC0075R 008	SBTC0075R 009	SBTC0075R 009	SBTC0075R 010	SBTC0075R 011	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013
	Sample	SBTC0075R 005S 091211S070	SBTC0075R005S091211S075-split	SBTC0075R 006S 091211S010	SBTC0075R 006S 091211S071	SBTC0075R 007S 091211S010	SBTC0075R 007S 091211S076	SBTC0075R 008S 091211S073	SBTC0075R 009S 091211S010	SBTC0075R 009S 091211S074	SBTC0075R 010S 091211S074	SBTC0075R 011S 091211S073	SBTC0075R011S091211S073-split	SBTC0075R 012S 091211S071	SBTC0075R 013S 091311S069
	Depth	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 1 ft	7.1 - 7.6 ft	6.75 - 7.25 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	6.4 - 6.9 ft
	USCS Code	SW	SW	OL	SW	OL	SP	SW	OL	SP	SP	SW	SW	SW-SM	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result
Metals															
Arsenic	mg/kg	---	**7.8**	---	---	---	---	---	---	---	---	---	**8.5**	---	---
Barium	mg/kg	---	**8.6**	---	---	---	---	---	---	---	---	---	**12**	---	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.83	< 0.50	< 0.50	< 0.50	< 0.50	< 0.75	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	< 0.2	---	---
Chromium (Total)	mg/kg	---	**8.9**	---	---	---	---	---	---	---	---	---	**7.7**	---	---
Copper	mg/kg	---	**6.4**	---	---	---	---	---	---	---	---	---	**8.1**	---	---
Iron	mg/kg	---	**11000**	---	---	---	---	---	---	---	---	---	**12000**	---	---
Lead	mg/kg	---	**4.1**	---	---	---	---	---	---	---	---	---	**4.9**	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---	---	---	---	< 0.05	---	---
Molybdenum	mg/kg	< 1.0	< 1	**4.1**	< 1.0	**1.1**	< 1.0	< 1.0	**2.3**	< 1.0	< 1.0	< 1.0	< 1	< 1.0	< 1.0
Nickel	mg/kg	**6.7**	**9.5**	**17**	**7.3**	**10**	**4.1**	**5.7**	**9.8**	**6.2**	**4.6**	**6.9**	**14**	**5.9**	**7.3**
Selenium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	< 0.2	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**9.0**	**11**	**32**	**8.1**	**17**	**5.2**	**6.1**	**10**	**5.9**	**5.4**	**7.2**	**12**	**7.4**	**7.8**
Zinc	mg/kg	---	**21**	---	---	---	---	---	---	---	---	---	**30**	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 340	< 330	< 330	< 330	< 550	< 330	< 330
Acenaphthene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Anthracene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Chrysene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Fluoranthene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Fluorene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 330
Naphthalene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Phenanthrene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330
Pyrene	ug/kg	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330

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	Location	SBTC0075R 005	SBTC0075R 005	SBTC0075R 006	SBTC0075R 006	SBTC0075R 007	SBTC0075R 007	SBTC0075R 008	SBTC0075R 009	SBTC0075R 009	SBTC0075R 010	SBTC0075R 011	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013
	Sample	SBTC0075R 005S 091211S070	SBTC0075R005S091211S075-split	SBTC0075R 006S 091211S010	SBTC0075R 006S 091211S071	SBTC0075R 007S 091211S010	SBTC0075R 007S 091211S076	SBTC0075R 008S 091211S073	SBTC0075R 009S 091211S010	SBTC0075R 009S 091211S074	SBTC0075R 010S 091211S074	SBTC0075R 011S 091211S073	SBTC0075R011S091211S073-split	SBTC0075R 012S 091211S071	SBTC0075R 013S 091311S069
	Depth	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 1 ft	7.1 - 7.6 ft	6.75 - 7.25 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	6.4 - 6.9 ft
	USCS Code	SW	SW	OL	SW	OL	SP	SW	OL	SP	SP	SW	SW	SW-SM	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result
Solids															
Moisture	%	**6.9**	---	**75**	**7.7**	**49**	**17**	**11**	**77**	**7.1**	**14**	**9.7**	---	**6.1**	**8.2**
Solids	%	---	**93.0**	---	---	---	---	---	---	---	---	---	**91.2**	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**5.4**	---	**14**	**7.3**	**7.4**	**8.1**	**9.0**	**15**	**5.8**	**10**	< 4.0	---	< 4.0	**4.4**
Diesel Range Organics (C10-C20)	ug/kg	---	< 27000	---	---	---	---	---	---	---	---	---	< 27000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.1	< 4.0	< 4.0	< 4.0	< 4.0	< 4.3	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 5900	---	---	---	---	---	---	---	---	---	< 6000	---	---
Oil Range Organics (C20-C34)	mg/kg	**10**	---	**18**	**9.2**	**9.8**	**16**	**14**	**25**	**9.3**	**21**	**6.1**	---	**4.8**	**5.4**
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	---	---	---	---	---	---	---	< 110000	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,1-Dichloroethane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 59	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 60	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,2-Dichloropropane	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 290	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 300	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 290	< 2900	< 750	< 750	< 750	< 750	< 3300	< 750	< 750	< 750	< 300	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 290	< 2900	< 330	< 570	< 330	< 330	< 3300	< 330	< 330	< 330	< 300	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 2500

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	Location	SBTC0075R 005	SBTC0075R 005	SBTC0075R 006	SBTC0075R 006	SBTC0075R 007	SBTC0075R 007	SBTC0075R 008	SBTC0075R 009	SBTC0075R 009	SBTC0075R 010	SBTC0075R 011	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013
	Sample	SBTC0075R 005S 091211S070	SBTC0075R005S091211S075-split	SBTC0075R 006S 091211S010	SBTC0075R 006S 091211S071	SBTC0075R 007S 091211S010	SBTC0075R 007S 091211S076	SBTC0075R 008S 091211S073	SBTC0075R 009S 091211S010	SBTC0075R 009S 091211S074	SBTC0075R 010S 091211S074	SBTC0075R 011S 091211S073	SBTC0075R011S091211S073-split	SBTC0075R 012S 091211S071	SBTC0075R 013S 091311S069
	Depth	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 1 ft	7.1 - 7.6 ft	6.75 - 7.25 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	6.4 - 6.9 ft
	USCS Code	SW	SW	OL	SW	OL	SP	SW	OL	SP	SP	SW	SW	SW-SM	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result
Acetone	ug/kg	< 1000	< 1200	< 7100	< 1000	< 1400	< 1000	< 1000	< 8300	< 1000	< 1000	< 1000	< 1200	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 290	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 300	< 100	< 100
Benzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Bromobenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Bromoform	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Bromomethane	ug/kg	< 200	< 240	< 860	< 200	< 200	< 200	< 200	< 990	< 200	< 200	< 200	< 240	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 59	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 60	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Chlorobenzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Chloroethane	ug/kg	< 250	< 290	< 2900	< 250	< 570	< 250	< 250	< 3300	< 250	< 250	< 250	< 300	< 250	< 250
Chloroform	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Chloromethane	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Cyclohexane	ug/kg	< 500	< 290	< 860	< 500	< 500	< 500	< 500	< 990	< 500	< 500	< 500	< 300	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Dibromochloropropane	ug/kg	< 37	< 290	< 860	< 38	< 170	< 51	< 42	< 990	< 37	< 46	< 40	< 300	< 36	< 39
Dibromomethane	ug/kg	< 250	< 59	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 60	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
Diethyl ether	ug/kg	< 200	< 240	< 860	< 200	< 200	< 200	< 200	< 990	< 200	< 200	< 200	< 240	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Ethylene dibromide	ug/kg	< 37	< 59	< 860	< 38	< 170	< 51	< 42	< 990	< 37	< 46	< 40	< 60	< 36	< 39
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 290	< 860	< 300	< 300	< 300	< 300	< 990	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 59	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 60	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 120	< 1700	< 100	< 340	< 100	< 100	< 2000	< 100	< 100	< 100	< 120	< 100	< 100
Methyl Iodide	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Methylene chloride	ug/kg	< 100	< 120	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 120	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 59	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 60	< 250	< 250
Naphthalene	ug/kg	< 330	< 290	< 2900	< 330	< 570	< 330	< 330	< 3300	< 330	< 330	< 330	< 300	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
n-Propylbenzene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
o-Xylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50

	Date \ Time Collected	9/12/2011 12:50 PM	9/12/2011 12:50 PM	9/12/2011 11:15 AM	9/12/2011 11:45 AM	9/12/2011 1:05 PM	9/12/2011 1:20 PM	9/12/2011 1:25 PM	9/12/2011 1:35 PM	9/12/2011 2:05 PM	9/12/2011 2:05 PM	9/12/2011 2:45 PM	9/12/2011 2:45 PM	9/12/2011 3:25 PM	9/13/2011 2:00 PM
	Location	SBTC0075R 005	SBTC0075R 005	SBTC0075R 006	SBTC0075R 006	SBTC0075R 007	SBTC0075R 007	SBTC0075R 008	SBTC0075R 009	SBTC0075R 009	SBTC0075R 010	SBTC0075R 011	SBTC0075R 011	SBTC0075R 012	SBTC0075R 013
	Sample	SBTC0075R 005S 091211S070	SBTC0075R005S091211S075-split	SBTC0075R 006S 091211S010	SBTC0075R 006S 091211S071	SBTC0075R 007S 091211S010	SBTC0075R 007S 091211S076	SBTC0075R 008S 091211S073	SBTC0075R 009S 091211S010	SBTC0075R 009S 091211S074	SBTC0075R 010S 091211S074	SBTC0075R 011S 091211S073	SBTC0075R011S091211S073-split	SBTC0075R 012S 091211S071	SBTC0075R 013S 091311S069
	Depth	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 1 ft	7.1 - 7.6 ft	6.75 - 7.25 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	6.4 - 6.9 ft
	USCS Code	SW	SW	OL	SW	OL	SP	SW	OL	SP	SP	SW	SW	SW-SM	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Styrene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 290	< 860	< 250	< 250	< 250	< 250	< 990	< 250	< 250	< 250	< 300	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2900	< 2900	< 2500	< 2500	< 2500	< 2500	< 3300	< 2500	< 2500	< 2500	< 3000	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Tetrachloroethylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 290	< 2900	< 1000	< 1000	< 1000	< 1000	< 3300	< 1000	< 1000	< 1000	< 300	< 1000	< 1000
Toluene	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Trichloroethylene	ug/kg	< 50	< 59	< 860	< 50	< 170	< 51	< 50	< 990	< 50	< 50	< 50	< 60	< 50	< 50
Trichlorofluoromethane	ug/kg	< 100	< 59	< 860	< 100	< 170	< 100	< 100	< 990	< 100	< 100	< 100	< 60	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 59	< 860	< 40	< 170	< 51	< 42	< 990	< 40	< 46	< 40	< 60	< 40	< 40
Xylenes	ug/kg	< 100	---	< 1700	< 100	< 340	< 100	< 100	< 2000	< 100	< 100	< 100	---	< 100	< 100

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/12/2011 5:30 PM	9/12/2011 5:30 PM	9/12/2011 5:55 PM	9/13/2011 7:30 AM	9/13/2011 7:30 AM	9/13/2011 7:40 AM	9/13/2011 7:40 AM	9/13/2011 8:00 AM	9/13/2011 8:33 AM	9/13/2011 8:30 AM	9/13/2011 8:50 AM	9/13/2011 8:50 AM	9/13/2011 9:22 AM	9/13/2011 9:35 AM	9/13/2011 2:40 PM
	Location	SBTC0075R 014	SBTC0075R 014	SBTC0075R 016	SBTC0075R 016	SBTC0075R 016	SBTC0075R 017	SBTC0075R 017	SBTC0075R 017	SBTC0075R 018	SBTC0075R 019	SBTC0075R 021	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024
	Sample	SBTC0075R 014S 091211S068	SBTC0075R014S091211S068-split	SBTC0075R 016S 091211S007	SBTC0075R 016S 091311S069	SBTC0075R016S091311S069-split	SBTC0075R 017S 091311S007	SBTC0075R 017D 091311S007	SBTC0075R 017S 091311S056	SBTC0075R 018S 091311S076	SBTC0075R 019S 091311S065	SBTC0075R 021S 091311S061	SBTC0075R021S091311S061-split	SBTC0075R 022S 091311S070	SBTC0075R 023S 091311S069	SBTC0075R 024S 091311S066
	Depth	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.7 ft	5.4 - 6.9 ft	5.4 - 6.9 ft	0 - 0.7 ft	0 - 0.7 ft	5.1 - 5.6 ft	7.35 - 7.6 ft	5.9 - 6.5 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.15 - 6.65 ft
	USCS Code	SW	SW	OL	SW	SW	OL	OL	SW	ML	SM	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Metals																
Arsenic	mg/kg	---	**5.1**	---	---	**4.1**	---	---	---	---	---	---	**3.3**	---	---	---
Barium	mg/kg	---	**13**	---	---	**9.3**	---	---	---	---	---	---	**9.4**	---	---	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	< 0.2	---	---	---	---	---	---	< 0.2	---	---	---
Chromium (Total)	mg/kg	---	**12**	---	---	**8.6**	---	---	---	---	---	---	**11**	---	---	---
Copper	mg/kg	---	**8.0**	---	---	**4.1**	---	---	---	---	---	---	**6.0**	---	---	---
Iron	mg/kg	---	**11000**	---	---	**13000**	---	---	---	---	---	---	**15000**	---	---	---
Lead	mg/kg	---	**4.8**	---	---	**3.4**	---	---	---	---	---	---	**4.4**	---	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	< 0.05	---	---	---	---	---	---	< 0.05	---	---	---
Molybdenum	mg/kg	< 1.0	< 1	**5.5**	< 1.0	< 1	**2.4**	**2.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0
Nickel	mg/kg	**7.3**	**13**	**7.9**	**3.8**	**9.3**	**10**	**10**	**8.6**	**8.5**	**3.7**	**6.5**	**14**	**6.8**	**6.9**	**6.9**
Selenium	mg/kg	---	< 0.2	---	---	< 0.2	---	---	---	---	---	---	< 0.2	---	---	---
Silver	mg/kg	---	< 0.1	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**5.5**	**13**	**12**	**6.1**	**12**	**18**	**19**	**8.2**	**11**	**4.2**	**12**	**12**	**8.2**	**6.7**	**4.8**
Zinc	mg/kg	---	**25**	---	---	**19**	---	---	---	---	---	---	**27**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 540	< 330	< 330	< 550	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 430	< 330	< 330	< 440	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 210	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/12/2011 5:30 PM	9/12/2011 5:30 PM	9/12/2011 5:55 PM	9/13/2011 7:30 AM	9/13/2011 7:30 AM	9/13/2011 7:40 AM	9/13/2011 7:40 AM	9/13/2011 8:00 AM	9/13/2011 8:33 AM	9/13/2011 8:30 AM	9/13/2011 8:50 AM	9/13/2011 8:50 AM	9/13/2011 9:22 AM	9/13/2011 9:35 AM	9/13/2011 2:40 PM
	Location	SBTC0075R 014	SBTC0075R 014	SBTC0075R 016	SBTC0075R 016	SBTC0075R 016	SBTC0075R 017	SBTC0075R 017	SBTC0075R 017	SBTC0075R 018	SBTC0075R 019	SBTC0075R 021	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024
	Sample	SBTC0075R 014S 091211S068	SBTC0075R014S091211S068-split	SBTC0075R 016S 091211S007	SBTC0075R 016S 091311S069	SBTC0075R016S091311S069-split	SBTC0075R 017S 091311S007	SBTC0075R 017D 091311S007	SBTC0075R 017S 091311S056	SBTC0075R 018S 091311S076	SBTC0075R 019S 091311S065	SBTC0075R 021S 091311S061	SBTC0075R021S091311S061-split	SBTC0075R 022S 091311S070	SBTC0075R 023S 091311S069	SBTC0075R 024S 091311S066
	Depth	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.7 ft	5.4 - 6.9 ft	5.4 - 6.9 ft	0 - 0.7 ft	0 - 0.7 ft	5.1 - 5.6 ft	7.35 - 7.6 ft	5.9 - 6.5 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.15 - 6.65 ft
	USCS Code	SW	SW	OL	SW	SW	OL	OL	SW	ML	SM	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Solids																
Moisture	%	**8.8**	---	**60**	**9.9**	---	**62**	**61**	**10**	**13**	**14**	**9.4**	---	**11**	**9.1**	**13**
Solids	%	---	**93.2**	---	---	**90.2**	---	---	---	---	---	---	**92.3**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**4.6**	---	**11**	**4.3**	---	**7.3**	**6.5**	**4.4**	**4.3**	**4.5**	**10**	---	**4.3**	**4.7**	**4.1**
Diesel Range Organics (C10-C20)	ug/kg	---	< 27000	---	---	< 25000	---	---	---	---	---	---	< 27000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 5500	---	---	< 6500	---	---	---	---	---	---	< 5800	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**6.1**	---	**36**	**4.2**	---	**14**	**17**	**8.9**	**5.7**	< 4.0	**16**	---	< 4.0	< 4.0	**8.3**
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	< 100000	---	---	---	---	---	---	< 110000	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,1-Dichloroethane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 55	< 300	< 250	< 62	< 340	< 320	< 250	< 250	< 250	< 250	< 58	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,2-Dichloropropane	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 280	< 300	< 50	< 310	< 340	< 320	< 50	< 50	< 50	< 50	< 290	< 50	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 280	< 1000	< 750	< 310	< 1100	< 1100	< 750	< 750	< 750	< 750	< 290	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 280	< 2500	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 280	< 1000	< 330	< 310	< 1100	< 1100	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 280	< 2500	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500

	Date \ Time Collected	9/12/2011 5:30 PM	9/12/2011 5:30 PM	9/12/2011 5:55 PM	9/13/2011 7:30 AM	9/13/2011 7:30 AM	9/13/2011 7:40 AM	9/13/2011 7:40 AM	9/13/2011 8:00 AM	9/13/2011 8:33 AM	9/13/2011 8:30 AM	9/13/2011 8:50 AM	9/13/2011 8:50 AM	9/13/2011 9:22 AM	9/13/2011 9:35 AM	9/13/2011 2:40 PM
	Location	SBTC0075R 014	SBTC0075R 014	SBTC0075R 016	SBTC0075R 016	SBTC0075R 016	SBTC0075R 017	SBTC0075R 017	SBTC0075R 017	SBTC0075R 018	SBTC0075R 019	SBTC0075R 021	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024
	Sample	SBTC0075R 014S 091211S068	SBTC0075R014S091211S068-split	SBTC0075R 016S 091211S007	SBTC0075R 016S 091311S069	SBTC0075R016S091311S069-split	SBTC0075R 017S 091311S007	SBTC0075R 017D 091311S007	SBTC0075R 017S 091311S056	SBTC0075R 018S 091311S076	SBTC0075R 019S 091311S065	SBTC0075R 021S 091311S061	SBTC0075R021S091311S061-split	SBTC0075R 022S 091311S070	SBTC0075R 023S 091311S069	SBTC0075R 024S 091311S066
	Depth	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.7 ft	5.4 - 6.9 ft	5.4 - 6.9 ft	0 - 0.7 ft	0 - 0.7 ft	5.1 - 5.6 ft	7.35 - 7.6 ft	5.9 - 6.5 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.15 - 6.65 ft
	USCS Code	SW	SW	OL	SW	SW	OL	OL	SW	ML	SM	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Acetone	ug/kg	< 1000	< 1100	< 2700	< 1000	< 1200	**3300**	< 2900	< 1000	< 1000	< 1000	< 1000	< 1200	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 280	< 300	< 100	< 310	< 340	< 320	< 100	< 100	< 100	< 100	< 290	< 100	< 100	< 100
Benzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Bromobenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 220	< 300	< 200	< 250	< 340	< 320	< 200	< 200	< 200	< 200	< 230	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 55	< 300	< 250	< 62	< 340	< 320	< 250	< 250	< 250	< 250	< 58	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Chlorobenzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Chloroethane	ug/kg	< 250	< 280	< 1000	< 250	< 310	< 1100	< 1100	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
Chloroform	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Chloromethane	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Cyclohexane	ug/kg	< 500	< 280	< 500	< 500	< 310	< 500	< 500	< 500	< 500	< 500	< 500	< 290	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 40	< 280	< 300	< 41	< 310	< 340	< 320	< 41	< 45	< 46	< 40	< 290	< 42	< 40	< 45
Dibromomethane	ug/kg	< 250	< 55	< 300	< 250	< 62	< 340	< 320	< 250	< 250	< 250	< 250	< 58	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 220	< 300	< 200	< 250	< 340	< 320	< 200	< 200	< 200	< 200	< 230	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Ethylene dibromide	ug/kg	< 40	< 55	< 300	< 41	< 62	< 340	< 320	< 41	< 45	< 46	< 40	< 58	< 42	< 40	< 45
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 280	< 300	< 300	< 310	< 340	< 320	< 300	< 300	< 300	< 300	< 290	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 55	< 300	< 250	< 62	< 340	< 320	< 250	< 250	< 250	< 250	< 58	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 110	< 600	< 100	< 120	< 670	< 640	< 100	< 100	< 100	< 100	< 120	< 100	< 100	< 100
Methyl Iodide	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 110	< 300	< 100	< 120	< 340	< 320	< 100	< 100	< 100	< 100	< 120	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 55	< 300	< 250	< 62	< 340	< 320	< 250	< 250	< 250	< 250	< 58	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 280	< 1000	< 330	< 310	< 1100	< 1100	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
n-Propylbenzene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
o-Xylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/12/2011 5:30 PM	9/12/2011 5:30 PM	9/12/2011 5:55 PM	9/13/2011 7:30 AM	9/13/2011 7:30 AM	9/13/2011 7:40 AM	9/13/2011 7:40 AM	9/13/2011 8:00 AM	9/13/2011 8:33 AM	9/13/2011 8:30 AM	9/13/2011 8:50 AM	9/13/2011 8:50 AM	9/13/2011 9:22 AM	9/13/2011 9:35 AM	9/13/2011 2:40 PM
	Location	SBTC0075R 014	SBTC0075R 014	SBTC0075R 016	SBTC0075R 016	SBTC0075R 016	SBTC0075R 017	SBTC0075R 017	SBTC0075R 017	SBTC0075R 018	SBTC0075R 019	SBTC0075R 021	SBTC0075R 021	SBTC0075R 022	SBTC0075R 023	SBTC0075R 024
	Sample	SBTC0075R 014S 091211S068	SBTC0075R014S091211S068-split	SBTC0075R 016S 091211S007	SBTC0075R 016S 091311S069	SBTC0075R016S091311S069-split	SBTC0075R 017S 091311S007	SBTC0075R 017D 091311S007	SBTC0075R 017S 091311S056	SBTC0075R 018S 091311S076	SBTC0075R 019S 091311S065	SBTC0075R 021S 091311S061	SBTC0075R021S091311S061-split	SBTC0075R 022S 091311S070	SBTC0075R 023S 091311S069	SBTC0075R 024S 091311S066
	Depth	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.7 ft	5.4 - 6.9 ft	5.4 - 6.9 ft	0 - 0.7 ft	0 - 0.7 ft	5.1 - 5.6 ft	7.35 - 7.6 ft	5.9 - 6.5 ft	5.6 - 6.1 ft	5.6 - 6.1 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.15 - 6.65 ft
	USCS Code	SW	SW	OL	SW	SW	OL	OL	SW	ML	SM	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Styrene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 280	< 300	< 250	< 310	< 340	< 320	< 250	< 250	< 250	< 250	< 290	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2800	< 2500	< 2500	< 3100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2900	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Tetrachloroethylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 280	< 1000	< 1000	< 310	< 1100	< 1100	< 1000	< 1000	< 1000	< 1000	< 290	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Trichloroethylene	ug/kg	< 50	< 55	< 300	< 50	< 62	< 340	< 320	< 50	< 50	< 50	< 50	< 58	< 50	< 50	< 50
Trichlorofluoromethane	ug/kg	< 100	< 55	< 300	< 100	< 62	< 340	< 320	< 100	< 100	< 100	< 100	< 58	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 55	< 300	< 41	< 62	< 340	< 320	< 41	< 45	< 46	< 40	< 58	< 42	< 40	< 45
Xylenes	ug/kg	< 100	---	< 600	< 100	---	< 670	< 640	< 100	< 100	< 100	< 100	---	< 100	< 100	< 100

	Date \ Time Collected	9/13/2011 3:10 PM	9/13/2011 1:15 PM	9/13/2011 11:35 AM	9/13/2011 12:40 PM	9/13/2011 12:40 PM	9/13/2011 1:30 PM	9/13/2011 1:54 PM	9/13/2011 4:30 PM	9/13/2011 5:00 PM	9/13/2011 5:40 PM	9/13/2011 6:05 PM	9/13/2011 6:00 PM	9/13/2011 6:15 PM	9/15/2011 1:05 PM	9/15/2011 1:30 PM
	Location	SBTC0075R 025	SBTC0075R 026	SBTC0075R 027	SBTC0075R 027	SBTC0075R 027	SBTC0075R 028	SBTC0075R 028	SBTC0075R 030	SBTC0075R 030	SBTC0075R 031	SBTC0075R 031	SBTC0075R 032	SBTC0075R 032	SBTC0075R 034	SBTC0075R 034
	Sample	SBTC0075R 025S 091311S069	SBTC0075R 026S 091311S053	SBTC0075R 027S 091311S004	SBTC0075R 027S 091311S058	SBTC0075R027S091311S058-split	SBTC0075R 028S 091311S008	SBTC0075R 028S 091311S072	SBTC0075R 030S 091311S003	SBTC0075R 030S 091311S068	SBTC0075R 031S 091311S003	SBTC0075R 031S 091311S053	SBTC0075R 032S 091311S010	SBTC0075R 032S 091311S073	SBTC0075R 034S 091511S010	SBTC0075R 034S 091511S066
	Depth	6.4 - 6.9 ft	4.8 - 5.3 ft	0 - 0.4 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 0.8 ft	6.7 - 7.2 ft	0 - 0.3 ft	6.3 - 6.8 ft	0 - 0.3 ft	4.9 - 5.3 ft	0 - 1 ft	6.8 - 7.3 ft	0 - 1 ft	6 - 6.6 ft
	USCS Code	SP	SW	OL	SW	SW	OL	SP	OL	SW	SP-SM	SP	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	**7.0**	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	**8.1**	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.53	< 0.50	< 0.84	< 0.50
Cadmium	mg/kg	---	---	---	---	< 0.2	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**9.3**	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	**8.6**	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	**14000**	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	**5.3**	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.05	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	**1.9**	< 1.0	< 1	**2.6**	< 1.0	**2.5**	< 1.0	**1.1**	< 1.0	**2.1**	< 1.0	**1.7**	< 1.0
Nickel	mg/kg	**3.1**	**6.9**	**12**	**9.1**	**13**	**11**	**4.6**	**9.9**	**9.1**	**5.6**	**6.1**	**9.7**	**27**	**8.6**	**23**
Selenium	mg/kg	---	---	---	---	< 0.2	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**3.9**	**9.1**	**18**	**6.7**	**12**	**14**	**4.7**	**14**	**8.2**	**8.1**	**6.1**	**19**	**6.8**	**12**	**6.1**
Zinc	mg/kg	---	---	---	---	**31**	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 3:10 PM	9/13/2011 1:15 PM	9/13/2011 11:35 AM	9/13/2011 12:40 PM	9/13/2011 12:40 PM	9/13/2011 1:30 PM	9/13/2011 1:54 PM	9/13/2011 4:30 PM	9/13/2011 5:00 PM	9/13/2011 5:40 PM	9/13/2011 6:05 PM	9/13/2011 6:00 PM	9/13/2011 6:15 PM	9/15/2011 1:05 PM	9/15/2011 1:30 PM
	Location	SBTC0075R 025	SBTC0075R 026	SBTC0075R 027	SBTC0075R 027	SBTC0075R 027	SBTC0075R 028	SBTC0075R 028	SBTC0075R 030	SBTC0075R 030	SBTC0075R 031	SBTC0075R 031	SBTC0075R 032	SBTC0075R 032	SBTC0075R 034	SBTC0075R 034
	Sample	SBTC0075R 025S 091311S069	SBTC0075R 026S 091311S053	SBTC0075R 027S 091311S004	SBTC0075R 027S 091311S058	SBTC0075R027S091311S058-split	SBTC0075R 028S 091311S008	SBTC0075R 028S 091311S072	SBTC0075R 030S 091311S003	SBTC0075R 030S 091311S068	SBTC0075R 031S 091311S003	SBTC0075R 031S 091311S053	SBTC0075R 032S 091311S010	SBTC0075R 032S 091311S073	SBTC0075R 034S 091511S010	SBTC0075R 034S 091511S066
	Depth	6.4 - 6.9 ft	4.8 - 5.3 ft	0 - 0.4 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 0.8 ft	6.7 - 7.2 ft	0 - 0.3 ft	6.3 - 6.8 ft	0 - 0.3 ft	4.9 - 5.3 ft	0 - 1 ft	6.8 - 7.3 ft	0 - 1 ft	6 - 6.6 ft
	USCS Code	SP	SW	OL	SW	SW	OL	SP	OL	SW	SP-SM	SP	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**14**	**7.0**	**32**	**5.9**	---	**29**	**16**	**30**	**10**	**47**	**8.5**	**68**	**8.9**	**78**	**8.1**
Solids	%	---	---	---	---	**92.3**	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	**7.1**	**11**	< 4.0	---	**31**	< 4.0	**12**	**8.8**	**6.2**	**6.9**	**13**	**5.1**	**25**	**5.5**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 27000	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.6	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 5700	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	< 4.0	**9.3**	**37**	**5.3**	---	**210**	**4.3**	**78**	**21**	**12**	**10**	**38**	**6.1**	**80**	**5.8**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 110000	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 57	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 86	< 50	< 280	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 280	< 750	< 750	< 750	< 750	< 750	< 750	< 1600	< 750	< 3700	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 280	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330	< 520	< 330	< 1600	< 330	< 3700	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 280	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/13/2011 3:10 PM	9/13/2011 1:15 PM	9/13/2011 11:35 AM	9/13/2011 12:40 PM	9/13/2011 12:40 PM	9/13/2011 1:30 PM	9/13/2011 1:54 PM	9/13/2011 4:30 PM	9/13/2011 5:00 PM	9/13/2011 5:40 PM	9/13/2011 6:05 PM	9/13/2011 6:00 PM	9/13/2011 6:15 PM	9/15/2011 1:05 PM	9/15/2011 1:30 PM
	Location	SBTC0075R 025	SBTC0075R 026	SBTC0075R 027	SBTC0075R 027	SBTC0075R 027	SBTC0075R 028	SBTC0075R 028	SBTC0075R 030	SBTC0075R 030	SBTC0075R 031	SBTC0075R 031	SBTC0075R 032	SBTC0075R 032	SBTC0075R 034	SBTC0075R 034
	Sample	SBTC0075R 025S 091311S069	SBTC0075R 026S 091311S053	SBTC0075R 027S 091311S004	SBTC0075R 027S 091311S058	SBTC0075R027S091311S058-split	SBTC0075R 028S 091311S008	SBTC0075R 028S 091311S072	SBTC0075R 030S 091311S003	SBTC0075R 030S 091311S068	SBTC0075R 031S 091311S003	SBTC0075R 031S 091311S053	SBTC0075R 032S 091311S010	SBTC0075R 032S 091311S073	SBTC0075R 034S 091511S010	SBTC0075R 034S 091511S066
	Depth	6.4 - 6.9 ft	4.8 - 5.3 ft	0 - 0.4 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 0.8 ft	6.7 - 7.2 ft	0 - 0.3 ft	6.3 - 6.8 ft	0 - 0.3 ft	4.9 - 5.3 ft	0 - 1 ft	6.8 - 7.3 ft	0 - 1 ft	6 - 6.6 ft
	USCS Code	SP	SW	OL	SW	SW	OL	SP	OL	SW	SP-SM	SP	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000	< 1000	< 1000	< 1000	< 1600	< 1000	< 4100	< 1000	< 9200	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 280	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Benzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 230	< 200	< 200	< 200	< 200	< 200	< 200	< 490	< 200	< 1100	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 57	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Chloroethane	ug/kg	< 250	< 250	< 290	< 250	< 280	< 260	< 250	< 270	< 250	< 520	< 250	< 1600	< 250	< 3700	< 250
Chloroform	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 280	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1100	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Dibromochloropropane	ug/kg	< 46	< 37	< 86	< 36	< 280	< 77	< 49	< 80	< 34	< 160	< 39	< 490	< 39	< 1100	< 38
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 57	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 230	< 200	< 200	< 200	< 200	< 200	< 200	< 490	< 200	< 1100	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Ethylene dibromide	ug/kg	< 46	< 37	< 86	< 36	< 57	< 77	< 49	< 80	< 34	< 160	< 39	< 490	< 39	< 1100	< 38
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 280	< 300	< 300	< 300	< 300	< 300	< 300	< 490	< 300	< 1100	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 57	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 170	< 100	< 110	< 150	< 100	< 160	< 100	< 310	< 100	< 990	< 100	< 2200	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 57	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330	< 520	< 330	< 1600	< 330	< 3700	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
o-Xylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 3:10 PM	9/13/2011 1:15 PM	9/13/2011 11:35 AM	9/13/2011 12:40 PM	9/13/2011 12:40 PM	9/13/2011 1:30 PM	9/13/2011 1:54 PM	9/13/2011 4:30 PM	9/13/2011 5:00 PM	9/13/2011 5:40 PM	9/13/2011 6:05 PM	9/13/2011 6:00 PM	9/13/2011 6:15 PM	9/15/2011 1:05 PM	9/15/2011 1:30 PM
	Location	SBTC0075R 025	SBTC0075R 026	SBTC0075R 027	SBTC0075R 027	SBTC0075R 027	SBTC0075R 028	SBTC0075R 028	SBTC0075R 030	SBTC0075R 030	SBTC0075R 031	SBTC0075R 031	SBTC0075R 032	SBTC0075R 032	SBTC0075R 034	SBTC0075R 034
	Sample	SBTC0075R 025S 091311S069	SBTC0075R 026S 091311S053	SBTC0075R 027S 091311S004	SBTC0075R 027S 091311S058	SBTC0075R027S091311S058-split	SBTC0075R 028S 091311S008	SBTC0075R 028S 091311S072	SBTC0075R 030S 091311S003	SBTC0075R 030S 091311S068	SBTC0075R 031S 091311S003	SBTC0075R 031S 091311S053	SBTC0075R 032S 091311S010	SBTC0075R 032S 091311S073	SBTC0075R 034S 091511S010	SBTC0075R 034S 091511S066
	Depth	6.4 - 6.9 ft	4.8 - 5.3 ft	0 - 0.4 ft	5.3 - 5.8 ft	5.3 - 5.8 ft	0 - 0.8 ft	6.7 - 7.2 ft	0 - 0.3 ft	6.3 - 6.8 ft	0 - 0.3 ft	4.9 - 5.3 ft	0 - 1 ft	6.8 - 7.3 ft	0 - 1 ft	6 - 6.6 ft
	USCS Code	SP	SW	OL	SW	SW	OL	SP	OL	SW	SP-SM	SP	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Styrene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 490	< 250	< 1100	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3700	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 280	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1600	< 1000	< 3700	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 86	< 50	< 57	< 77	< 50	< 80	< 50	< 160	< 50	< 490	< 50	< 1100	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 57	< 100	< 100	< 100	< 100	< 160	< 100	< 490	< 100	< 1100	< 100
Vinyl chloride	ug/kg	< 46	< 40	< 86	< 40	< 57	< 77	< 49	< 80	< 40	< 160	< 40	< 490	< 40	< 1100	< 40
Xylenes	ug/kg	< 100	< 100	< 170	< 100	---	< 150	< 100	< 160	< 100	< 310	< 100	< 990	< 100	< 2200	< 100

	Date \ Time Collected	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 12:50 PM	9/15/2011 1:25 PM	9/15/2011 1:50 PM	9/15/2011 2:10 PM	9/15/2011 2:10 PM	9/15/2011 3:05 PM	9/15/2011 2:30 PM	9/15/2011 3:05 PM	9/15/2011 3:50 PM	9/14/2011 9:15 AM	9/14/2011 9:45 AM	9/14/2011 9:45 AM
	Location	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 036	SBTC0075R 036	SBTC0075R 037	SBTC0075R 037	SBTC0075R 038	SBTC0075R 039	SBTC0075R 039	SBTC0075R 040	SBTC0075R 041	SBTC0075R 041	SBTC0075R 041
	Sample	SBTC0075R 035S 091511S010	SBTC0075R 035D 091511S010	SBTC0075R035S091511S010-split	SBTC0075R 035S 091511S066	SBTC0075R 036S 091511S006	SBTC0075R 036S 091511S076	SBTC0075R 037S 091511S072	SBTC0075R037S091511S072-split	SBTC0075R 038S 091511S069	SBTC0075R 039S 091511S010	SBTC0075R 039S 091511S063	SBTC0075R 040S 091511S059	SBTC0075R 041S 091411S010	SBTC0075R 041S 091411S054	SBTC0075R 041D 091411S054
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	6 - 6.6 ft	0 - 0.6 ft	5.75 - 7.6 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	4.6 - 6.95 ft	0 - 1 ft	5.58 - 6.3 ft	5.3 - 5.9 ft	0 - 1 ft	4.9 - 5.4 ft	4.9 - 5.4 ft
	USCS Code	OL	OL	OL	SW	OL	SW	SW	SW	SW	OL	SW	SW	OL	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate
Metals																
Arsenic	mg/kg	---	---	**18**	---	---	---	---	**3.6**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	**71**	---	---	---	---	**5.9**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.90	< 0.95	**0.48**	< 0.50	< 0.78	< 0.50	< 0.50	< 0.2	< 0.50	< 0.55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	**0.57**	---	---	---	---	< 0.2	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	**11**	---	---	---	---	**8.5**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	**11**	---	---	---	---	**6.2**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	**18000**	---	---	---	---	**11000**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	**11**	---	---	---	---	**4.4**	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	< 0.26	---	---	---	---	< 0.05	---	---	---	---	---	---	---
Molybdenum	mg/kg	**7.7**	**8.4**	**5.4**	< 1.0	**1.8**	< 1.0	< 1.0	< 1	< 1.0	**6.3**	< 1.0	< 1.0	**3.2**	< 1.0	**1.9**
Nickel	mg/kg	**8.8**	**12**	**9.4**	**7.5**	**5.6**	**6.8**	**7.1**	**11**	**10**	**7.9**	**7.2**	**16**	**5.5**	**8.8**	**7.8**
Selenium	mg/kg	---	---	**1.4**	---	---	---	---	< 0.2	---	---	---	---	---	---	---
Silver	mg/kg	---	---	< 0.1	---	---	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**12**	**18**	**15**	**8.6**	**8.8**	**8.3**	**7.4**	**8.9**	**8.3**	**12**	**7.5**	**9.2**	**7.5**	**9.3**	**13**
Zinc	mg/kg	---	---	**42**	---	---	---	---	**26**	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 440	< 430	< 2600	< 330	< 370	< 330	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 12:50 PM	9/15/2011 1:25 PM	9/15/2011 1:50 PM	9/15/2011 2:10 PM	9/15/2011 2:10 PM	9/15/2011 3:05 PM	9/15/2011 2:30 PM	9/15/2011 3:05 PM	9/15/2011 3:50 PM	9/14/2011 9:15 AM	9/14/2011 9:45 AM	9/14/2011 9:45 AM
	Location	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 036	SBTC0075R 036	SBTC0075R 037	SBTC0075R 037	SBTC0075R 038	SBTC0075R 039	SBTC0075R 039	SBTC0075R 040	SBTC0075R 041	SBTC0075R 041	SBTC0075R 041
	Sample	SBTC0075R 035S 091511S010	SBTC0075R 035D 091511S010	SBTC0075R035S091511S010-split	SBTC0075R 035S 091511S066	SBTC0075R 036S 091511S006	SBTC0075R 036S 091511S076	SBTC0075R 037S 091511S072	SBTC0075R037S091511S072-split	SBTC0075R 038S 091511S069	SBTC0075R 039S 091511S010	SBTC0075R 039S 091511S063	SBTC0075R 040S 091511S059	SBTC0075R 041S 091411S010	SBTC0075R 041S 091411S054	SBTC0075R 041D 091411S054
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	6 - 6.6 ft	0 - 0.6 ft	5.75 - 7.6 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	4.6 - 6.95 ft	0 - 1 ft	5.58 - 6.3 ft	5.3 - 5.9 ft	0 - 1 ft	4.9 - 5.4 ft	4.9 - 5.4 ft
	USCS Code	OL	OL	OL	SW	OL	SW	SW	SW	SW	OL	SW	SW	OL	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate
Solids																
Moisture	%	**82**	**81**	---	**7.2**	**79**	**6.8**	**7.8**	---	**13**	**66**	**11**	**8.2**	**52**	**6.2**	**19**
Solids	%	---	---	**19.5**	---	---	---	---	**91.3**	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**17**	**16**	---	**4.6**	**14**	**5.9**	**6.5**	---	**4.3**	< 7.2	**6.3**	**5.2**	**7.9**	**4.8**	**9.5**
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 130000	---	---	---	---	< 27000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 5.6	< 5.4	---	< 4.0	< 4.7	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 45000	---	---	---	---	< 5800	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**23**	**38**	---	< 4.0	**19**	**6.3**	**15**	---	**4.7**	**14**	**5.3**	< 4.0	**35**	**5.3**	**24**
Oil Range Organics (C20-C34)	ug/kg	---	---	**840000**	---	---	---	---	< 110000	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,1,2,2-Tetrachloroethane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,1,2-Trichloroethane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,1-Dichloroethane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,1-Dichloroethylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,2,3-Trichlorobenzene	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 1700	< 1600	< 450	< 250	< 1200	< 250	< 250	< 58	< 250	< 430	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,2-Dichloroethane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,2-Dichloropropane	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,3,5-Trimethylbenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,3-Dichloropropene, trans	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,4-Dichloro-2-butene, trans	ug/kg	< 1700	< 1600	< 2200	< 50	< 1200	< 50	< 50	< 290	< 50	< 430	< 50	< 50	< 200	< 50	< 54
1,4-Dichlorobenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
2-Butanone (MEK)	ug/kg	< 5600	< 5200	< 2200	< 750	< 4100	< 750	< 750	< 290	< 750	< 1400	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2200	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 5600	< 5200	< 2200	< 330	< 4100	< 330	< 330	< 290	< 330	< 1400	< 330	< 330	< 660	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2200	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 12:50 PM	9/15/2011 1:25 PM	9/15/2011 1:50 PM	9/15/2011 2:10 PM	9/15/2011 2:10 PM	9/15/2011 3:05 PM	9/15/2011 2:30 PM	9/15/2011 3:05 PM	9/15/2011 3:50 PM	9/14/2011 9:15 AM	9/14/2011 9:45 AM	9/14/2011 9:45 AM
	Location	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 036	SBTC0075R 036	SBTC0075R 037	SBTC0075R 037	SBTC0075R 038	SBTC0075R 039	SBTC0075R 039	SBTC0075R 040	SBTC0075R 041	SBTC0075R 041	SBTC0075R 041
	Sample	SBTC0075R 035S 091511S010	SBTC0075R 035D 091511S010	SBTC0075R035S091511S010-split	SBTC0075R 035S 091511S066	SBTC0075R 036S 091511S006	SBTC0075R 036S 091511S076	SBTC0075R 037S 091511S072	SBTC0075R037S091511S072-split	SBTC0075R 038S 091511S069	SBTC0075R 039S 091511S010	SBTC0075R 039S 091511S063	SBTC0075R 040S 091511S059	SBTC0075R 041S 091411S010	SBTC0075R 041S 091411S054	SBTC0075R 041D 091411S054
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	6 - 6.6 ft	0 - 0.6 ft	5.75 - 7.6 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	4.6 - 6.95 ft	0 - 1 ft	5.58 - 6.3 ft	5.3 - 5.9 ft	0 - 1 ft	4.9 - 5.4 ft	4.9 - 5.4 ft
	USCS Code	OL	OL	OL	SW	OL	SW	SW	SW	SW	OL	SW	SW	OL	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate
Acetone	ug/kg	< 14000	< 13000	< 9000	< 1000	< 12000	< 1000	< 1000	< 1200	< 1000	< 3600	< 1000	< 1000	**1900**	< 1000	< 1000
Acrylonitrile	ug/kg	< 1700	< 1600	< 2200	< 100	< 1200	< 100	< 100	< 290	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Benzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Bromobenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Bromochloromethane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Bromodichloromethane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Bromoform	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Bromomethane	ug/kg	< 1700	< 1600	< 1800	< 200	< 1200	< 200	< 200	< 230	< 200	< 430	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 1700	< 1600	< 450	< 250	< 1200	< 250	< 250	< 58	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Chlorobenzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Chloroethane	ug/kg	< 5600	< 5200	< 2200	< 250	< 4100	< 250	< 250	< 290	< 250	< 1400	< 250	< 250	< 660	< 250	< 250
Chloroform	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Chloromethane	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Cyclohexane	ug/kg	< 1700	< 1600	< 2200	< 500	< 1200	< 500	< 500	< 290	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Dibromochloropropane	ug/kg	< 1700	< 1600	< 2200	< 37	< 1200	< 32	< 33	< 290	< 37	< 430	< 42	< 39	< 200	< 36	< 54
Dibromomethane	ug/kg	< 1700	< 1600	< 450	< 250	< 1200	< 250	< 250	< 58	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 1700	< 1600	< 1800	< 200	< 1200	< 200	< 200	< 230	< 200	< 430	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Ethylene dibromide	ug/kg	< 1700	< 1600	< 450	< 37	< 1200	< 32	< 33	< 58	< 37	< 430	< 42	< 39	< 200	< 36	< 54
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 1700	< 1600	< 2200	< 300	< 1200	< 300	< 300	< 290	< 300	< 430	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 1700	< 1600	< 450	< 250	< 1200	< 250	< 250	< 58	< 250	< 430	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 3400	< 3100	< 900	< 100	< 2400	< 100	< 100	< 120	< 100	< 860	< 100	< 100	< 390	< 100	< 110
Methyl Iodide	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Methylene chloride	ug/kg	< 1700	< 1600	< 900	< 100	< 1200	< 100	< 100	< 120	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 1700	< 1600	< 450	< 250	< 1200	< 250	< 250	< 58	< 250	< 430	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 5600	< 5200	< 2200	< 330	< 4100	< 330	< 330	< 290	< 330	< 1400	< 330	< 330	< 660	< 330	< 330
n-Butylbenzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
n-Propylbenzene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
o-Xylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 11:55 AM	9/15/2011 12:50 PM	9/15/2011 1:25 PM	9/15/2011 1:50 PM	9/15/2011 2:10 PM	9/15/2011 2:10 PM	9/15/2011 3:05 PM	9/15/2011 2:30 PM	9/15/2011 3:05 PM	9/15/2011 3:50 PM	9/14/2011 9:15 AM	9/14/2011 9:45 AM	9/14/2011 9:45 AM
	Location	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 035	SBTC0075R 036	SBTC0075R 036	SBTC0075R 037	SBTC0075R 037	SBTC0075R 038	SBTC0075R 039	SBTC0075R 039	SBTC0075R 040	SBTC0075R 041	SBTC0075R 041	SBTC0075R 041
	Sample	SBTC0075R 035S 091511S010	SBTC0075R 035D 091511S010	SBTC0075R035 5S091511S01 0-split	SBTC0075R 035S 091511S066	SBTC0075R 036S 091511S006	SBTC0075R 036S 091511S076	SBTC0075R 037S 091511S072	SBTC0075R03 7S091511S07 2-split	SBTC0075R 038S 091511S069	SBTC0075R 039S 091511S010	SBTC0075R 039S 091511S063	SBTC0075R 040S 091511S059	SBTC0075R 041S 091411S010	SBTC0075R 041S 091411S054	SBTC0075R 041D 091411S054
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	6 - 6.6 ft	0 - 0.6 ft	5.75 - 7.6 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	4.6 - 6.95 ft	0 - 1 ft	5.58 - 6.3 ft	5.3 - 5.9 ft	0 - 1 ft	4.9 - 5.4 ft	4.9 - 5.4 ft
	USCS Code	OL	OL	OL	SW	OL	SW	SW	SW	SW	OL	SW	SW	OL	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Duplicate
p-Isopropyl toluene (p-Cymene)	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
sec-Butylbenzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Styrene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
t-Amyl methyl ether (TAME)	ug/kg	< 1700	< 1600	< 2200	< 250	< 1200	< 250	< 250	< 290	< 250	< 430	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 5600	< 5200	< 22000	< 2500	< 4100	< 2500	< 2500	< 2900	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Tetrachloroethylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Tetrahydrofuran	ug/kg	< 5600	< 5200	< 2200	< 1000	< 4100	< 1000	< 1000	< 290	< 1000	< 1400	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Trichloroethylene	ug/kg	< 1700	< 1600	< 450	< 50	< 1200	< 50	< 50	< 58	< 50	< 430	< 50	< 50	< 200	< 50	< 54
Trichlorofluoromethane	ug/kg	< 1700	< 1600	< 450	< 100	< 1200	< 100	< 100	< 58	< 100	< 430	< 100	< 100	< 200	< 100	< 100
Vinyl chloride	ug/kg	< 1700	< 1600	< 450	< 40	< 1200	< 40	< 40	< 58	< 40	< 430	< 42	< 40	< 200	< 40	< 54
Xylenes	ug/kg	< 3400	< 3100	---	< 100	< 2400	< 100	< 100	---	< 100	< 860	< 100	< 100	< 390	< 100	< 110

	Date \ Time Collected	9/13/2011 6:05 PM	9/13/2011 6:25 PM	9/15/2011 5:25 PM	9/20/2011 3:55 PM	9/15/2011 4:10 PM	9/15/2011 4:10 PM	9/15/2011 4:35 PM	9/15/2011 5:40 PM	9/14/2011 1:40 PM	9/14/2011 2:05 PM	9/14/2011 12:05 PM	9/14/2011 12:38 PM	9/14/2011 12:38 PM	9/20/2011 5:00 PM	9/14/2011 3:10 PM
	Location	SBTC0075R 042	SBTC0075R 042	SBTC0075R 044	SBTC0075R 046A	SBTC0075R 047	SBTC0075R 047	SBTC0075R 047	SBTC0075R 048	SBTC0075R 050	SBTC0075R 050	SBTC0075R 051	SBTC0075R 051	SBTC0075R 051	SBTC0075R 052A	SBTC0075R 054
	Sample	SBTC0075R 042S 091311S010	SBTC0075R 042S 091311S053	SBTC0075R 044S 091511S047	SBTC0075R 046AS 092011S048	SBTC0075R 047S 091511S010	SBTC0075R047S091511S010-split	SBTC0075R 047S 091511S072	SBTC0075R 048S 091511S070	SBTC0075R 050S 091411S006	SBTC0075R 050S 091411S062	SBTC0075R 051S 091411S008	SBTC0075R 051S 091411S076	SBTC0075R051S091411S076-split	SBTC0075R 052AS 092011S068	SBTC0075R 054S 091411S010
	Depth	0 - 1 ft	4.8 - 5.3 ft	4 - 4.7 ft	4.4 - 4.8 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.2 ft	6.4 - 7 ft	0 - 0.6 ft	5.7 - 6.2 ft	0 - 0.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	6.3 - 6.8 ft	0 - 1 ft
	USCS Code	OL	SW	GW	GP-GM	OL	OL	GW-GC	GW-GC	OL	SW	OL	SW	SW	SW	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	**46**	---	---	---	---	---	---	**1.4**	---	---
Barium	mg/kg	---	---	---	---	---	**60**	---	---	---	---	---	---	**8.8**	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.29**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	**0.41**	---	---	---	---	---	---	< 0.2	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	**9.5**	---	---	---	---	---	---	**9.2**	---	---
Copper	mg/kg	---	---	---	---	---	**14**	---	---	---	---	---	---	**4.0**	---	---
Iron	mg/kg	---	---	---	---	---	**26000**	---	---	---	---	---	---	**8600**	---	---
Lead	mg/kg	---	---	---	---	---	**7.6**	---	---	---	---	---	---	**2.2**	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	< 0.05	---	---	---	---	---	---	< 0.05	---	---
Molybdenum	mg/kg	**2.8**	< 1.0	**4.9**	**4.8**	**24**	**15**	**1.2**	**1.7**	**5.4**	< 1.0	**1.5**	< 1.0	< 1	< 1.0	**8.0**
Nickel	mg/kg	**5.9**	**7.2**	**11**	**8.0**	**8.8**	**21**	**15**	**13**	**7.9**	**6.1**	**8.7**	**6.0**	**8.9**	**8.6**	**8.1**
Selenium	mg/kg	---	---	---	---	---	**4.8**	---	---	---	---	---	---	< 0.2	---	---
Silver	mg/kg	---	---	---	---	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**6.6**	**6.1**	**16**	**8.7**	**12**	**16**	**13**	**14**	**11**	**7.9**	**13**	**7.3**	**9.1**	**8.1**	**12**
Zinc	mg/kg	---	---	---	---	---	**41**	---	---	---	---	---	---	**18**	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 770	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 120	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/13/2011 6:05 PM	9/13/2011 6:25 PM	9/15/2011 5:25 PM	9/20/2011 3:55 PM	9/15/2011 4:10 PM	9/15/2011 4:10 PM	9/15/2011 4:35 PM	9/15/2011 5:40 PM	9/14/2011 1:40 PM	9/14/2011 2:05 PM	9/14/2011 12:05 PM	9/14/2011 12:38 PM	9/14/2011 12:38 PM	9/20/2011 5:00 PM	9/14/2011 3:10 PM
	Location	SBTC0075R 042	SBTC0075R 042	SBTC0075R 044	SBTC0075R 046A	SBTC0075R 047	SBTC0075R 047	SBTC0075R 047	SBTC0075R 048	SBTC0075R 050	SBTC0075R 050	SBTC0075R 051	SBTC0075R 051	SBTC0075R 051	SBTC0075R 052A	SBTC0075R 054
	Sample	SBTC0075R 042S 091311S010	SBTC0075R 042S 091311S053	SBTC0075R 044S 091511S047	SBTC0075R 046AS 092011S048	SBTC0075R 047S 091511S010	SBTC0075R047S091511S010-split	SBTC0075R 047S 091511S072	SBTC0075R 048S 091511S070	SBTC0075R 050S 091411S006	SBTC0075R 050S 091411S062	SBTC0075R 051S 091411S008	SBTC0075R 051S 091411S076	SBTC0075R051S091411S076-split	SBTC0075R 052AS 092011S068	SBTC0075R 054S 091411S010
	Depth	0 - 1 ft	4.8 - 5.3 ft	4 - 4.7 ft	4.4 - 4.8 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.2 ft	6.4 - 7 ft	0 - 0.6 ft	5.7 - 6.2 ft	0 - 0.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	6.3 - 6.8 ft	0 - 1 ft
	USCS Code	OL	SW	GW	GP-GM	OL	OL	GW-GC	GW-GC	OL	SW	OL	SW	SW	SW	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Solids																
Moisture	%	**36**	**4.6**	**7.4**	**12**	**47**	---	**8.5**	**8.9**	**63**	**5.6**	**45**	**8.0**	---	**8.2**	**35**
Solids	%	---	---	---	---	---	**52.2**	---	---	---	---	---	---	**85.8**	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**6.0**	< 4.0	**4.1**	< 4.0	**7.0**	---	< 4.0	**7.3**	**14**	**5.9**	**8.5**	**4.1**	---	**4.5**	**5.7**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	**790000**	---	---	---	---	---	---	< 29000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	< 14000	---	---	---	---	---	---	< 8200	---	---
Oil Range Organics (C20-C34)	mg/kg	**19**	< 4.0	< 4.0	**5.6**	**28**	---	< 4.0	**9.7**	**55**	**8.6**	**34**	**8.1**	---	**4.1**	**24**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	**3000000**	---	---	---	---	---	---	< 120000	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,1,2,2-Tetrachloroethane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,1,2-Trichloroethane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,1-Dichloroethane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,1-Dichloroethylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 140	< 250	< 250	< 350	< 250	< 250	< 250	< 82	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,2-Dichloroethane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,2-Dichloropropane	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,3-Dichloropropene, trans	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
1,4-Dichloro-2-butene, trans	ug/kg	< 100	< 50	< 50	< 50	< 160	< 700	< 50	< 50	< 350	< 50	< 140	< 50	< 410	< 50	< 96
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 700	< 750	< 750	< 1200	< 750	< 750	< 750	< 410	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 700	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 410	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 530	< 700	< 330	< 330	< 1200	< 330	< 480	< 330	< 410	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 700	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 410	< 2500	< 2500

	Date \ Time Collected	9/13/2011 6:05 PM	9/13/2011 6:25 PM	9/15/2011 5:25 PM	9/20/2011 3:55 PM	9/15/2011 4:10 PM	9/15/2011 4:10 PM	9/15/2011 4:35 PM	9/15/2011 5:40 PM	9/14/2011 1:40 PM	9/14/2011 2:05 PM	9/14/2011 12:05 PM	9/14/2011 12:38 PM	9/14/2011 12:38 PM	9/20/2011 5:00 PM	9/14/2011 3:10 PM
	Location	SBTC0075R 042	SBTC0075R 042	SBTC0075R 044	SBTC0075R 046A	SBTC0075R 047	SBTC0075R 047	SBTC0075R 047	SBTC0075R 048	SBTC0075R 050	SBTC0075R 050	SBTC0075R 051	SBTC0075R 051	SBTC0075R 051	SBTC0075R 052A	SBTC0075R 054
	Sample	SBTC0075R 042S 091311S010	SBTC0075R 042S 091311S053	SBTC0075R 044S 091511S047	SBTC0075R 046AS 092011S048	SBTC0075R 047S 091511S010	SBTC0075R047S091511S010-split	SBTC0075R 047S 091511S072	SBTC0075R 048S 091511S070	SBTC0075R 050S 091411S006	SBTC0075R 050S 091411S062	SBTC0075R 051S 091411S008	SBTC0075R 051S 091411S076	SBTC0075R051S091411S076-split	SBTC0075R 052AS 092011S068	SBTC0075R 054S 091411S010
	Depth	0 - 1 ft	4.8 - 5.3 ft	4 - 4.7 ft	4.4 - 4.8 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.2 ft	6.4 - 7 ft	0 - 0.6 ft	5.7 - 6.2 ft	0 - 0.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	6.3 - 6.8 ft	0 - 1 ft
	USCS Code	OL	SW	GW	GP-GM	OL	OL	GW-GC	GW-GC	OL	SW	OL	SW	SW	SW	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1800	< 2800	< 1000	< 1000	< 3000	< 1000	**1600**	< 1000	< 1600	< 1000	< 1100
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 160	< 700	< 100	< 100	< 350	< 100	< 140	< 100	< 410	< 100	< 100
Benzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 560	< 200	< 200	< 350	< 200	< 200	< 200	< 330	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 140	< 250	< 250	< 350	< 250	< 250	< 250	< 82	< 250	< 250
Carbon tetrachloride	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Chlorobenzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Chloroethane	ug/kg	< 330	< 250	< 250	< 250	< 530	< 700	< 250	< 250	< 1200	< 250	< 480	< 250	< 410	< 250	< 320
Chloroform	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 700	< 500	< 500	< 500	< 500	< 500	< 500	< 410	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Dibromochloropropane	ug/kg	< 100	< 34	< 38	< 43	< 160	< 700	< 44	< 39	< 350	< 36	< 140	< 38	< 410	< 39	< 96
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 140	< 250	< 250	< 350	< 250	< 250	< 250	< 82	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 560	< 200	< 200	< 350	< 200	< 200	< 200	< 330	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
Ethylbenzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Ethylene dibromide	ug/kg	< 100	< 34	< 38	< 43	< 160	< 140	< 44	< 39	< 350	< 36	< 140	< 38	< 82	< 39	< 96
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 700	< 300	< 300	< 350	< 300	< 300	< 300	< 410	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 140	< 250	< 250	< 350	< 250	< 250	< 250	< 82	< 250	< 250
m&p-Xylene	ug/kg	< 200	< 100	< 100	< 100	< 320	< 280	< 100	< 100	< 710	< 100	< 290	< 100	< 160	< 100	< 190
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 160	< 280	< 100	< 100	< 350	< 100	< 140	< 100	< 160	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 140	< 250	< 250	< 350	< 250	< 250	< 250	< 82	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 530	< 700	< 330	< 330	< 1200	< 330	< 480	< 330	< 410	< 330	< 330
n-Butylbenzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
o-Xylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96

	Date \ Time Collected	9/13/2011 6:05 PM	9/13/2011 6:25 PM	9/15/2011 5:25 PM	9/20/2011 3:55 PM	9/15/2011 4:10 PM	9/15/2011 4:10 PM	9/15/2011 4:35 PM	9/15/2011 5:40 PM	9/14/2011 1:40 PM	9/14/2011 2:05 PM	9/14/2011 12:05 PM	9/14/2011 12:38 PM	9/14/2011 12:38 PM	9/20/2011 5:00 PM	9/14/2011 3:10 PM
	Location	SBTC0075R 042	SBTC0075R 042	SBTC0075R 044	SBTC0075R 046A	SBTC0075R 047	SBTC0075R 047	SBTC0075R 047	SBTC0075R 048	SBTC0075R 050	SBTC0075R 050	SBTC0075R 051	SBTC0075R 051	SBTC0075R 051	SBTC0075R 052A	SBTC0075R 054
	Sample	SBTC0075R 042S 091311S010	SBTC0075R 042S 091311S053	SBTC0075R 044S 091511S047	SBTC0075R 046AS 092011S048	SBTC0075R 047S 091511S010	SBTC0075R047S091511S010-split	SBTC0075R 047S 091511S072	SBTC0075R 048S 091511S070	SBTC0075R 050S 091411S006	SBTC0075R 050S 091411S062	SBTC0075R 051S 091411S008	SBTC0075R 051S 091411S076	SBTC0075R051S091411S076-split	SBTC0075R 052AS 092011S068	SBTC0075R 054S 091411S010
	Depth	0 - 1 ft	4.8 - 5.3 ft	4 - 4.7 ft	4.4 - 4.8 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.2 ft	6.4 - 7 ft	0 - 0.6 ft	5.7 - 6.2 ft	0 - 0.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	6.3 - 6.8 ft	0 - 1 ft
	USCS Code	OL	SW	GW	GP-GM	OL	OL	GW-GC	GW-GC	OL	SW	OL	SW	SW	SW	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
sec-Butylbenzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Styrene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 700	< 250	< 250	< 350	< 250	< 250	< 250	< 410	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 7000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 4100	< 2500	< 2500
t-Butylbenzene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Tetrachloroethylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 700	< 1000	< 1000	< 1200	< 1000	< 1000	< 1000	< 410	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Trichloroethylene	ug/kg	< 100	< 50	< 50	< 50	< 160	< 140	< 50	< 50	< 350	< 50	< 140	< 50	< 82	< 50	< 96
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 160	< 140	< 100	< 100	< 350	< 100	< 140	< 100	< 82	< 100	< 100
Vinyl chloride	ug/kg	< 100	< 40	< 40	< 43	< 160	< 140	< 44	< 40	< 350	< 40	< 140	< 40	< 82	< 40	< 96
Xylenes	ug/kg	< 200	< 100	< 100	< 100	< 320	---	< 100	< 100	< 710	< 100	< 290	< 100	---	< 100	< 190

	Date \ Time Collected	9/14/2011 3:35 PM	9/14/2011 3:50 PM	9/14/2011 3:50 PM	9/14/2011 4:03 PM	9/14/2011 4:50 PM	9/14/2011 4:32 PM	9/14/2011 4:32 PM	9/14/2011 4:35 PM	9/14/2011 5:05 PM	9/14/2011 5:20 PM	9/14/2011 5:44 PM	9/14/2011 6:10 PM	9/14/2011 6:10 PM	9/15/2011 9:53 AM	9/15/2011 9:53 AM
	Location	SBTC0075R 054	SBTC0075R 056	SBTC0075R 056	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 058	SBTC0075R 059	SBTC0075R 059	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 062	SBTC0075R 062
	Sample	SBTC0075R 054S 091411S074	SBTC0075R 056S 091411S065	SBTC0075R056S091411S065-split	SBTC0075R 057S 091411S010	SBTC0075R 057S 091411S045	SBTC0075R 057S 091411S071	SBTC0075R057S091411S071-split	SBTC0075R 058S 091411S071	SBTC0075R 059S 091411S004	SBTC0075R 059S 091411S054	SBTC0075R 060S 091411S073	SBTC0075R 061S 091411S080	SBTC0075R 061D 091411S080	SBTC0075R 062S 091511S010	SBTC0075R 062D 091511S010
	Depth	6.9 - 7.4 ft	6 - 6.5 ft	6 - 6.5 ft	0 - 1 ft	4 - 4.5 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.4 - 7.1 ft	0 - 0.4 ft	4.9 - 5.4 ft	6.8 - 7.3 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 1 ft	0 - 1 ft
	USCS Code	SW	SW-SM	SW-SM	OL	SW	SP	SP	GW	OL	SP	SM	SM	SM	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Duplicate
Metals																
Arsenic	mg/kg	---	---	**2.3**	---	---	---	**0.54**	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	**9.8**	---	---	---	**4.2**	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.2	**0.58**	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	< 0.2	---	---	---	< 0.2	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	**8.6**	---	---	---	**3.2**	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	**7.8**	---	---	---	**2.3**	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	**16000**	---	---	---	**3100**	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	**5.4**	---	---	---	**1.5**	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	< 0.05	---	---	---	< 0.05	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	< 1	**49**	< 1.0	< 1.0	< 1	< 1.0	**2.6**	< 1.0	< 1.0	< 1.0	< 1.0	**3.0**	**3.4**
Nickel	mg/kg	**9.7**	**7.8**	**11**	**26**	**11**	**2.6**	**3.1**	**12**	**9.0**	**8.9**	**8.7**	**5.4**	**6.5**	**11**	**11**
Selenium	mg/kg	---	---	< 0.2	---	---	---	< 0.2	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	< 0.1	---	---	---	< 0.1	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**11**	**14**	**13**	**36**	**12**	**3.1**	**3.3**	**12**	**12**	**9.3**	**11**	**10**	**9.2**	**18**	**17**
Zinc	mg/kg	---	---	**28**	---	---	---	**7.4**	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 540	< 330	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 440	< 330	< 330	< 330	< 480	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 220	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

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	Location	SBTC0075R 054	SBTC0075R 056	SBTC0075R 056	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 058	SBTC0075R 059	SBTC0075R 059	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 062	SBTC0075R 062
	Sample	SBTC0075R 054S 091411S074	SBTC0075R 056S 091411S065	SBTC0075R056S091411S065-split	SBTC0075R 057S 091411S010	SBTC0075R 057S 091411S045	SBTC0075R 057S 091411S071	SBTC0075R057S091411S071-split	SBTC0075R 058S 091411S071	SBTC0075R 059S 091411S004	SBTC0075R 059S 091411S054	SBTC0075R 060S 091411S073	SBTC0075R 061S 091411S080	SBTC0075R 061D 091411S080	SBTC0075R 062S 091511S010	SBTC0075R 062D 091511S010
	Depth	6.9 - 7.4 ft	6 - 6.5 ft	6 - 6.5 ft	0 - 1 ft	4 - 4.5 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.4 - 7.1 ft	0 - 0.4 ft	4.9 - 5.4 ft	6.8 - 7.3 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 1 ft	0 - 1 ft
	USCS Code	SW	SW-SM	SW-SM	OL	SW	SP	SP	GW	OL	SP	SM	SM	SM	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Duplicate
Solids																
Moisture	%	**6.0**	**7.1**	---	**64**	**11**	**15**	---	**7.0**	**56**	**12**	**8.4**	**9.1**	**9.2**	**58**	**57**
Solids	%	---	---	**91.8**	---	---	---	**82.9**	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**4.6**	< 4.0	---	**7.0**	< 4.0	< 4.0	---	**4.9**	**7.4**	< 4.0	< 4.0	< 4.0	**4.1**	**9.6**	**9.3**
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 27000	---	---	---	< 30000	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 8000	---	---	---	< 7000	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**11**	**5.1**	---	**12**	< 4.0	< 4.0	---	**6.6**	**19**	< 4.0	< 4.0	< 4.0	**11**	**27**	**19**
Oil Range Organics (C20-C34)	ug/kg	---	---	< 110000	---	---	---	< 120000	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,1-Dichloroethane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 80	< 380	< 250	< 250	< 70	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,2-Dichloroethane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,2-Dichloropropane	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 400	< 380	< 50	< 50	< 350	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
2-Butanone (MEK)	ug/kg	< 750	< 750	< 400	< 1300	< 750	< 750	< 350	< 750	< 800	< 750	< 750	< 750	< 750	< 900	< 850
2-Hexanone	ug/kg	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 400	< 1300	< 330	< 330	< 350	< 330	< 800	< 330	< 330	< 330	< 330	< 900	< 850
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/14/2011 3:35 PM	9/14/2011 3:50 PM	9/14/2011 3:50 PM	9/14/2011 4:03 PM	9/14/2011 4:50 PM	9/14/2011 4:32 PM	9/14/2011 4:32 PM	9/14/2011 4:35 PM	9/14/2011 5:05 PM	9/14/2011 5:20 PM	9/14/2011 5:44 PM	9/14/2011 6:10 PM	9/14/2011 6:10 PM	9/15/2011 9:53 AM	9/15/2011 9:53 AM
	Location	SBTC0075R 054	SBTC0075R 056	SBTC0075R 056	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 058	SBTC0075R 059	SBTC0075R 059	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 062	SBTC0075R 062
	Sample	SBTC0075R 054S 091411S074	SBTC0075R 056S 091411S065	SBTC0075R056S091411S065-split	SBTC0075R 057S 091411S010	SBTC0075R 057S 091411S045	SBTC0075R 057S 091411S071	SBTC0075R057S091411S071-split	SBTC0075R 058S 091411S071	SBTC0075R 059S 091411S004	SBTC0075R 059S 091411S054	SBTC0075R 060S 091411S073	SBTC0075R 061S 091411S080	SBTC0075R 061D 091411S080	SBTC0075R 062S 091511S010	SBTC0075R 062D 091511S010
	Depth	6.9 - 7.4 ft	6 - 6.5 ft	6 - 6.5 ft	0 - 1 ft	4 - 4.5 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.4 - 7.1 ft	0 - 0.4 ft	4.9 - 5.4 ft	6.8 - 7.3 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 1 ft	0 - 1 ft
	USCS Code	SW	SW-SM	SW-SM	OL	SW	SP	SP	GW	OL	SP	SM	SM	SM	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Duplicate
Acetone	ug/kg	< 1000	< 1000	< 1600	< 3200	< 1000	< 1000	< 1400	< 1000	< 2000	< 1000	< 1000	< 1000	< 1000	**2700**	**3000**
Acrylonitrile	ug/kg	< 100	< 100	< 400	< 380	< 100	< 100	< 350	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Benzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Bromobenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Bromochloromethane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Bromodichloromethane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Bromoform	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Bromomethane	ug/kg	< 200	< 200	< 320	< 380	< 200	< 200	< 280	< 200	< 240	< 200	< 200	< 200	< 200	< 270	< 250
Carbon disulfide	ug/kg	< 250	< 250	< 80	< 380	< 250	< 250	< 70	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Chlorobenzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Chloroethane	ug/kg	< 250	< 250	< 400	< 1300	< 250	< 250	< 350	< 250	< 800	< 250	< 250	< 250	< 250	< 900	< 850
Chloroform	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Chloromethane	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Cyclohexane	ug/kg	< 500	< 500	< 400	< 500	< 500	< 500	< 350	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Dibromochloropropane	ug/kg	< 36	< 37	< 400	< 380	< 42	< 48	< 350	< 37	< 240	< 43	< 39	< 40	< 40	< 270	< 250
Dibromomethane	ug/kg	< 250	< 250	< 80	< 380	< 250	< 250	< 70	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Diethyl ether	ug/kg	< 200	< 200	< 320	< 380	< 200	< 200	< 280	< 200	< 240	< 200	< 200	< 200	< 200	< 270	< 250
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Ethylene dibromide	ug/kg	< 36	< 37	< 80	< 380	< 42	< 48	< 70	< 37	< 240	< 43	< 39	< 40	< 40	< 270	< 250
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 400	< 380	< 300	< 300	< 350	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 80	< 380	< 250	< 250	< 70	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 160	< 760	< 100	< 100	< 140	< 100	< 480	< 100	< 100	< 100	< 100	< 540	< 510
Methyl Iodide	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Methylene chloride	ug/kg	< 100	< 100	< 160	< 380	< 100	< 100	< 140	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 80	< 380	< 250	< 250	< 70	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
Naphthalene	ug/kg	< 330	< 330	< 400	< 1300	< 330	< 330	< 350	< 330	< 800	< 330	< 330	< 330	< 330	< 900	< 850
n-Butylbenzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
n-Propylbenzene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
o-Xylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250

	Date \ Time Collected	9/14/2011 3:35 PM	9/14/2011 3:50 PM	9/14/2011 3:50 PM	9/14/2011 4:03 PM	9/14/2011 4:50 PM	9/14/2011 4:32 PM	9/14/2011 4:32 PM	9/14/2011 4:35 PM	9/14/2011 5:05 PM	9/14/2011 5:20 PM	9/14/2011 5:44 PM	9/14/2011 6:10 PM	9/14/2011 6:10 PM	9/15/2011 9:53 AM	9/15/2011 9:53 AM
	Location	SBTC0075R 054	SBTC0075R 056	SBTC0075R 056	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 057	SBTC0075R 058	SBTC0075R 059	SBTC0075R 059	SBTC0075R 060	SBTC0075R 061	SBTC0075R 061	SBTC0075R 062	SBTC0075R 062
	Sample	SBTC0075R 054S 091411S074	SBTC0075R 056S 091411S065	SBTC0075R056S091411S065-split	SBTC0075R 057S 091411S010	SBTC0075R 057S 091411S045	SBTC0075R 057S 091411S071	SBTC0075R057S091411S071-split	SBTC0075R 058S 091411S071	SBTC0075R 059S 091411S004	SBTC0075R 059S 091411S054	SBTC0075R 060S 091411S073	SBTC0075R 061S 091411S080	SBTC0075R 061D 091411S080	SBTC0075R 062S 091511S010	SBTC0075R 062D 091511S010
	Depth	6.9 - 7.4 ft	6 - 6.5 ft	6 - 6.5 ft	0 - 1 ft	4 - 4.5 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.4 - 7.1 ft	0 - 0.4 ft	4.9 - 5.4 ft	6.8 - 7.3 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 1 ft	0 - 1 ft
	USCS Code	SW	SW-SM	SW-SM	OL	SW	SP	SP	GW	OL	SP	SM	SM	SM	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Result	Duplicate
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
sec-Butylbenzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Styrene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 400	< 380	< 250	< 250	< 350	< 250	< 250	< 250	< 250	< 250	< 250	< 270	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 4000	< 2500	< 2500	< 2500	< 3500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Tetrachloroethylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 400	< 1300	< 1000	< 1000	< 350	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Trichloroethylene	ug/kg	< 50	< 50	< 80	< 380	< 50	< 50	< 70	< 50	< 240	< 50	< 50	< 50	< 50	< 270	< 250
Trichlorofluoromethane	ug/kg	< 100	< 100	< 80	< 380	< 100	< 100	< 70	< 100	< 240	< 100	< 100	< 100	< 100	< 270	< 250
Vinyl chloride	ug/kg	< 40	< 40	< 80	< 380	< 42	< 48	< 70	< 40	< 240	< 43	< 40	< 40	< 40	< 270	< 250
Xylenes	ug/kg	< 100	< 100	---	< 760	< 100	< 100	---	< 100	< 480	< 100	< 100	< 100	< 100	< 540	< 510

	Date \ Time Collected	9/15/2011 10:50 AM	9/15/2011 10:50 AM	9/20/2011 2:25 PM	9/20/2011 2:25 PM	9/15/2011 12:45 PM	9/15/2011 1:05 PM	9/15/2011 1:05 PM	9/15/2011 1:45 PM	9/15/2011 2:40 PM	9/21/2011 11:45 AM	9/21/2011 11:45 AM	9/15/2011 3:45 PM	9/15/2011 3:45 PM	9/20/2011 1:10 PM
	Location	SBTC0075R 062	SBTC0075R 062	SBTC0075R 064A	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 066	SBTC0075R 066	SBTC0075R 066	SBTC0075R 067	SBTC0075R 068A	SBTC0075R 068A	SBTC0075R 069	SBTC0075R 069	SBTC0075R 070A
	Sample	SBTC0075R 062S 091511S073	SBTC0075R062S091511S073-split	SBTC0075R 064AS 092011S068	SBTC0075R064AS092011S068-split	SBTC0075R 065S 091511S072	SBTC0075R 066S 091511S008	SBTC0075R066S091511S008-split	SBTC0075R 066S 091511S051	SBTC0075R 067S 091511S080	SBTC0075R 068AS 092111S070	SBTC0075R 068AD 092111S070	SBTC0075R 069S 091511S080	SBTC0075R069S091511S080-split	SBTC0075R 070AS 092011S076
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	6.7 - 7.2 ft	0 - 0.8 ft	0 - 0.8 ft	4.6 - 5.1 ft	7.6 - 8 ft	6.5 - 7 ft	6.5 - 7 ft	7.5 - 8 ft	7.5 - 8 ft	7.1 - 7.6 ft
	USCS Code	SP	SP	SW	SW	SM	OL	OL	SM	SP	SP-SM	SP-SM	SM	SM	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate	Result	Split	Result
Metals															
Arsenic	mg/kg	---	**2.7**	---	**3.8**	---	---	**29**	---	---	---	---	---	**2.2**	---
Barium	mg/kg	---	**12**	---	**15**	---	---	**51**	---	---	---	---	---	**11**	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.2	< 0.50	< 0.50	**0.24**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	< 0.2	---	< 0.2	---	---	**0.25**	---	---	---	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	**6.4**	---	**8.6**	---	---	**6.0**	---	---	---	---	---	**5.0**	---
Copper	mg/kg	---	**4.1**	---	**5.8**	---	---	**6.9**	---	---	---	---	---	**3.4**	---
Iron	mg/kg	---	**7600**	---	**9500**	---	---	**34000**	---	---	---	---	---	**7200**	---
Lead	mg/kg	---	**2.8**	---	**3.2**	---	---	**4.1**	---	---	---	---	---	**2.6**	---
Mercury (Total)	mg/kg	---	< 0.05	---	< 0.05	---	---	< 0.15	---	---	---	---	---	< 0.05	---
Molybdenum	mg/kg	< 1.0	< 1	< 1.0	< 1	< 1.0	**3.4**	**3.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1.0
Nickel	mg/kg	**6.9**	**7.1**	**4.3**	**9.0**	**5.1**	**5.7**	**6.0**	**4.6**	**5.2**	**4.6**	**4.7**	**5.0**	**5.9**	**6.2**
Selenium	mg/kg	---	< 0.2	---	< 0.2	---	---	**0.82**	---	---	---	---	---	< 0.2	---
Silver	mg/kg	---	< 0.1	---	< 0.1	---	---	< 0.1	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**10**	**10**	**6.4**	**14**	**8.3**	**7.8**	**8.9**	**6.9**	**7.7**	**7.1**	**7.2**	**7.8**	**8.5**	**7.9**
Zinc	mg/kg	---	**20**	---	**29**	---	---	**28**	---	---	---	---	---	**18**	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 270	< 330	< 280	< 330	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 270	< 330
Acenaphthene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Acenaphthylene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Anthracene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Benzo(a)anthracene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Benzo(a)pyrene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Chrysene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Fluoranthene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Fluorene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 220	< 330	< 220	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Naphthalene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Phenanthrene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Pyrene	ug/kg	< 330	< 110	< 330	< 110	< 330	< 330	< 600	< 330	< 330	< 330	< 330	< 330	< 110	< 330

	Date \ Time Collected	9/15/2011 10:50 AM	9/15/2011 10:50 AM	9/20/2011 2:25 PM	9/20/2011 2:25 PM	9/15/2011 12:45 PM	9/15/2011 1:05 PM	9/15/2011 1:05 PM	9/15/2011 1:45 PM	9/15/2011 2:40 PM	9/21/2011 11:45 AM	9/21/2011 11:45 AM	9/15/2011 3:45 PM	9/15/2011 3:45 PM	9/20/2011 1:10 PM
	Location	SBTC0075R 062	SBTC0075R 062	SBTC0075R 064A	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 066	SBTC0075R 066	SBTC0075R 066	SBTC0075R 067	SBTC0075R 068A	SBTC0075R 068A	SBTC0075R 069	SBTC0075R 069	SBTC0075R 070A
	Sample	SBTC0075R 062S 091511S073	SBTC0075R062S091511S073-split	SBTC0075R 064AS 092011S068	SBTC0075R064AS092011S068-split	SBTC0075R 065S 091511S072	SBTC0075R 066S 091511S008	SBTC0075R066S091511S008-split	SBTC0075R 066S 091511S051	SBTC0075R 067S 091511S080	SBTC0075R 068AS 092111S070	SBTC0075R 068AD 092111S070	SBTC0075R 069S 091511S080	SBTC0075R069S091511S080-split	SBTC0075R 070AS 092011S076
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	6.7 - 7.2 ft	0 - 0.8 ft	0 - 0.8 ft	4.6 - 5.1 ft	7.6 - 8 ft	6.5 - 7 ft	6.5 - 7 ft	7.5 - 8 ft	7.5 - 8 ft	7.1 - 7.6 ft
	USCS Code	SP	SP	SW	SW	SM	OL	OL	SM	SP	SP-SM	SP-SM	SM	SM	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate	Result	Split	Result
Solids															
Moisture	%	**8.7**	---	**9.0**	---	**8.1**	**57**	---	**12**	**8.8**	**13**	**14**	**8.0**	---	**12**
Solids	%	---	**92.0**	---	**90.7**	---	---	**33.4**	---	---	---	---	---	**91.1**	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**5.9**	---	**5.8**	---	**4.5**	**10**	---	< 4.0	< 4.0	< 4.0	< 4.0	**4.5**	---	**4.1**
Diesel Range Organics (C10-C20)	ug/kg	---	< 27000	---	< 28000	---	---	< 75000	---	---	---	---	---	< 27000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6300	---	< 5800	---	---	< 25000	---	---	---	---	---	< 6000	---
Oil Range Organics (C20-C34)	mg/kg	**13**	---	**12**	---	**6.1**	**28**	---	< 4.0	< 4.0	**4.2**	< 4.0	**4.3**	---	**5.2**
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	< 110000	---	---	**510000**	---	---	---	---	---	< 110000	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,1-Dichloroethane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 63	< 250	< 58	< 250	< 260	< 250	< 250	< 250	< 250	< 250	< 250	< 60	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,2-Dichloroethane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,2-Dichloropropane	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 310	< 50	< 290	< 50	< 260	< 1200	< 50	< 50	< 50	< 50	< 50	< 300	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
2-Butanone (MEK)	ug/kg	< 750	< 310	< 750	< 290	< 750	< 850	< 1200	< 750	< 750	< 750	< 750	< 750	< 300	< 750
2-Hexanone	ug/kg	< 2500	< 310	< 2500	< 290	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 310	< 330	< 290	< 330	< 850	< 1200	< 330	< 330	< 330	< 330	< 330	< 300	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 310	< 2500	< 290	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500

	Date \ Time Collected	9/15/2011 10:50 AM	9/15/2011 10:50 AM	9/20/2011 2:25 PM	9/20/2011 2:25 PM	9/15/2011 12:45 PM	9/15/2011 1:05 PM	9/15/2011 1:05 PM	9/15/2011 1:45 PM	9/15/2011 2:40 PM	9/21/2011 11:45 AM	9/21/2011 11:45 AM	9/15/2011 3:45 PM	9/15/2011 3:45 PM	9/20/2011 1:10 PM
	Location	SBTC0075R 062	SBTC0075R 062	SBTC0075R 064A	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 066	SBTC0075R 066	SBTC0075R 066	SBTC0075R 067	SBTC0075R 068A	SBTC0075R 068A	SBTC0075R 069	SBTC0075R 069	SBTC0075R 070A
	Sample	SBTC0075R 062S 091511S073	SBTC0075R062S091511S073-split	SBTC0075R 064AS 092011S068	SBTC0075R064AS092011S068-split	SBTC0075R 065S 091511S072	SBTC0075R 066S 091511S008	SBTC0075R066S091511S008-split	SBTC0075R 066S 091511S051	SBTC0075R 067S 091511S080	SBTC0075R 068AS 092111S070	SBTC0075R 068AD 092111S070	SBTC0075R 069S 091511S080	SBTC0075R069S091511S080-split	SBTC0075R 070AS 092011S076
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	6.7 - 7.2 ft	0 - 0.8 ft	0 - 0.8 ft	4.6 - 5.1 ft	7.6 - 8 ft	6.5 - 7 ft	6.5 - 7 ft	7.5 - 8 ft	7.5 - 8 ft	7.1 - 7.6 ft
	USCS Code	SP	SP	SW	SW	SM	OL	OL	SM	SP	SP-SM	SP-SM	SM	SM	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate	Result	Split	Result
Acetone	ug/kg	< 1000	< 1300	< 1000	< 1200	< 1000	< 2100	< 4900	< 1000	< 1000	< 1000	< 1000	< 1000	< 1200	< 1000
Acrylonitrile	ug/kg	< 100	< 310	< 100	< 290	< 100	< 260	< 1200	< 100	< 100	< 100	< 100	< 100	< 300	< 100
Benzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Bromobenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Bromochloromethane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Bromodichloromethane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Bromoform	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Bromomethane	ug/kg	< 200	< 250	< 200	< 230	< 200	< 260	< 980	< 200	< 200	< 200	< 200	< 200	< 240	< 200
Carbon disulfide	ug/kg	< 250	< 63	< 250	< 58	< 250	< 260	< 250	< 250	< 250	< 250	< 250	< 250	< 60	< 250
Carbon tetrachloride	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Chlorobenzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Chloroethane	ug/kg	< 250	< 310	< 250	< 290	< 250	< 850	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
Chloroform	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Chloromethane	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Cyclohexane	ug/kg	< 500	< 310	< 500	< 290	< 500	< 500	< 1200	< 500	< 500	< 500	< 500	< 500	< 300	< 500
Dibromochloromethane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Dibromochloropropane	ug/kg	< 39	< 310	< 39	< 290	< 38	< 260	< 1200	< 47	< 39	< 45	< 46	< 38	< 300	< 43
Dibromomethane	ug/kg	< 250	< 63	< 250	< 58	< 250	< 260	< 250	< 250	< 250	< 250	< 250	< 250	< 60	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
Diethyl ether	ug/kg	< 200	< 250	< 200	< 230	< 200	< 260	< 980	< 200	< 200	< 200	< 200	< 200	< 240	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
Ethylbenzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Ethylene dibromide	ug/kg	< 39	< 63	< 39	< 58	< 38	< 260	< 250	< 47	< 39	< 45	< 46	< 38	< 60	< 43
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
Hexachloroethane	ug/kg	< 300	< 310	< 300	< 290	< 300	< 300	< 1200	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 63	< 250	< 58	< 250	< 260	< 250	< 250	< 250	< 250	< 250	< 250	< 60	< 250
m&p-Xylene	ug/kg	< 100	< 130	< 100	< 120	< 100	< 510	< 490	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Methyl Iodide	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Methylene chloride	ug/kg	< 100	< 130	< 100	< 120	< 100	< 260	< 490	< 100	< 100	< 100	< 100	< 100	< 120	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 63	< 250	< 58	< 250	< 260	< 250	< 250	< 250	< 250	< 250	< 250	< 60	< 250
Naphthalene	ug/kg	< 330	< 310	< 330	< 290	< 330	< 850	< 1200	< 330	< 330	< 330	< 330	< 330	< 300	< 330
n-Butylbenzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
n-Propylbenzene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
o-Xylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50

	Date \ Time Collected	9/15/2011 10:50 AM	9/15/2011 10:50 AM	9/20/2011 2:25 PM	9/20/2011 2:25 PM	9/15/2011 12:45 PM	9/15/2011 1:05 PM	9/15/2011 1:05 PM	9/15/2011 1:45 PM	9/15/2011 2:40 PM	9/21/2011 11:45 AM	9/21/2011 11:45 AM	9/15/2011 3:45 PM	9/15/2011 3:45 PM	9/20/2011 1:10 PM
	Location	SBTC0075R 062	SBTC0075R 062	SBTC0075R 064A	SBTC0075R 064A	SBTC0075R 065	SBTC0075R 066	SBTC0075R 066	SBTC0075R 066	SBTC0075R 067	SBTC0075R 068A	SBTC0075R 068A	SBTC0075R 069	SBTC0075R 069	SBTC0075R 070A
	Sample	SBTC0075R 062S 091511S073	SBTC0075R062S091511S073-split	SBTC0075R 064AS 092011S068	SBTC0075R064AS092011S068-split	SBTC0075R 065S 091511S072	SBTC0075R 066S 091511S008	SBTC0075R066S091511S008-split	SBTC0075R 066S 091511S051	SBTC0075R 067S 091511S080	SBTC0075R 068AS 092111S070	SBTC0075R 068AD 092111S070	SBTC0075R 069S 091511S080	SBTC0075R069S091511S080-split	SBTC0075R 070AS 092011S076
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	6.7 - 7.2 ft	0 - 0.8 ft	0 - 0.8 ft	4.6 - 5.1 ft	7.6 - 8 ft	6.5 - 7 ft	6.5 - 7 ft	7.5 - 8 ft	7.5 - 8 ft	7.1 - 7.6 ft
	USCS Code	SP	SP	SW	SW	SM	OL	OL	SM	SP	SP-SM	SP-SM	SM	SM	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Split	Result	Result	Result	Duplicate	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
sec-Butylbenzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Styrene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 310	< 250	< 290	< 250	< 260	< 1200	< 250	< 250	< 250	< 250	< 250	< 300	< 250
t-Butyl alcohol	ug/kg	< 2500	< 3100	< 2500	< 2900	< 2500	< 2500	< 12000	< 2500	< 2500	< 2500	< 2500	< 2500	< 3000	< 2500
t-Butylbenzene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Tetrachloroethylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Tetrahydrofuran	ug/kg	< 1000	< 310	< 1000	< 290	< 1000	< 1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 300	< 1000
Toluene	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Trichloroethylene	ug/kg	< 50	< 63	< 50	< 58	< 50	< 260	< 250	< 50	< 50	< 50	< 50	< 50	< 60	< 50
Trichlorofluoromethane	ug/kg	< 100	< 63	< 100	< 58	< 100	< 260	< 250	< 100	< 100	< 100	< 100	< 100	< 60	< 100
Vinyl chloride	ug/kg	< 40	< 63	< 40	< 58	< 40	< 260	< 250	< 47	< 40	< 45	< 46	< 40	< 60	< 43
Xylenes	ug/kg	< 100	---	< 100	---	< 100	< 510	---	< 100	< 100	< 100	< 100	< 100	---	< 100

	Date \ Time Collected	9/16/2011 9:10 AM	9/16/2011 9:10 AM	9/16/2011 9:38 AM	9/16/2011 10:20 AM	9/16/2011 12:45 PM	9/16/2011 1:20 PM	9/16/2011 1:20 PM	9/16/2011 4:35 PM	9/16/2011 5:15 PM	9/16/2011 5:15 PM	9/16/2011 6:00 PM	9/17/2011 7:45 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM	9/17/2011 9:50 AM
	Location	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 075	SBTC0075R 077	SBTC0075R 077	SBTC0075R 078	SBTC0075R 080	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 084	SBTC0075R 084	SBTC0075R 084
	Sample	SBTC0075R 071S 091611S049	SBTC0075R071S091611S049-split	SBTC0075R 072S 091611S044	SBTC0075R 073S 091611S070	SBTC0075R 075S 091611S068	SBTC0075R 077S 091611S076	SBTC0075R077S091611S076-split	SBTC0075R 078S 091611S073	SBTC0075R 080S 091611S072	SBTC0075R080S091611S072-split	SBTC0075R 081S 091611S058	SBTC0075R 082S 091711S071	SBTC0075R 084S 091711S010	SBTC0075R084S091711S010-split	SBTC0075R 084S 091711S080
	Depth	4.3 - 4.9 ft	4.3 - 4.9 ft	4.4 - 7.4 ft	6.4 - 7 ft	6.2 - 6.8 ft	7 - 7.6 ft	7 - 7.6 ft	6.5 - 7.1 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	5.2 - 5.8 ft	5 - 7.1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft
	USCS Code	ML	ML	CL	ML	ML	ML	ML	ML	ML	ML	SW-SM	SM	OL	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	**13**	---	---	---	---	**19**	---	---	**14**	---	---	---	**6.9**	---
Barium	mg/kg	---	**17**	---	---	---	---	**74**	---	---	**86**	---	---	---	**16**	---
Beryllium	mg/kg	**0.55**	**0.50**	< 0.50	**1.0**	**0.54**	**0.95**	**1.4**	**1.2**	**0.77**	**0.93**	< 0.50	< 0.50	< 0.50	< 0.2	**0.52**
Cadmium	mg/kg	---	< 0.2	---	---	---	---	< 0.2	---	---	< 0.2	---	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	**23**	---	---	---	---	**34**	---	---	**47**	---	---	---	**7.3**	---
Copper	mg/kg	---	**6.9**	---	---	---	---	**14**	---	---	**11**	---	---	---	**5.1**	---
Iron	mg/kg	---	**31000**	---	---	---	---	**110000**	---	---	**78000**	---	---	---	**13000**	---
Lead	mg/kg	---	**3.2**	---	---	---	---	**2.6**	---	---	**3.0**	---	---	---	**5.3**	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	< 0.05	---	---	< 0.05	---	---	---	< 0.05	---
Molybdenum	mg/kg	**2.1**	**1.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1	**3.0**	< 1.0	< 1	**1.3**	**3.5**	**1.0**	< 1	< 1.0
Nickel	mg/kg	**21**	**21**	**9.8**	**41**	**25**	**26**	**28**	**41**	**43**	**37**	**6.2**	**31**	**5.8**	**6.9**	**22**
Selenium	mg/kg	---	**0.31**	---	---	---	---	**0.36**	---	---	**0.34**	---	---	---	< 0.2	---
Silver	mg/kg	---	**0.32**	---	---	---	---	< 0.1	---	---	< 0.1	---	---	---	< 0.1	---
Vanadium	mg/kg	**73**	**67**	**19**	**120**	**110**	**110**	**120**	**170**	**180**	**160**	**7.0**	**94**	**9.8**	**12**	**81**
Zinc	mg/kg	---	**73**	---	---	---	---	**110**	---	---	**59**	---	---	---	**20**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 570	< 330	< 330	< 330	< 330	< 660	< 330	< 330	< 640	< 330	< 330	< 330	< 580	< 330
Acenaphthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Acenaphthylene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Benzo(a)anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Benzo(a)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Chrysene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Fluoranthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Fluorene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 530	< 330	< 330	< 510	< 330	< 330	< 330	< 460	< 330
Naphthalene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Phenanthrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330
Pyrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 270	< 330	< 330	< 260	< 330	< 330	< 330	< 230	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/16/2011 9:10 AM	9/16/2011 9:10 AM	9/16/2011 9:38 AM	9/16/2011 10:20 AM	9/16/2011 12:45 PM	9/16/2011 1:20 PM	9/16/2011 1:20 PM	9/16/2011 4:35 PM	9/16/2011 5:15 PM	9/16/2011 5:15 PM	9/16/2011 6:00 PM	9/17/2011 7:45 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM	9/17/2011 9:50 AM
	Location	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 075	SBTC0075R 077	SBTC0075R 077	SBTC0075R 078	SBTC0075R 080	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 084	SBTC0075R 084	SBTC0075R 084
	Sample	SBTC0075R 071S 091611S049	SBTC0075R071S091611S049-split	SBTC0075R 072S 091611S044	SBTC0075R 073S 091611S070	SBTC0075R 075S 091611S068	SBTC0075R 077S 091611S076	SBTC0075R077S091611S076-split	SBTC0075R 078S 091611S073	SBTC0075R 080S 091611S072	SBTC0075R080S091611S072-split	SBTC0075R 081S 091611S058	SBTC0075R 082S 091711S071	SBTC0075R 084S 091711S010	SBTC0075R084S091711S010-split	SBTC0075R 084S 091711S080
	Depth	4.3 - 4.9 ft	4.3 - 4.9 ft	4.4 - 7.4 ft	6.4 - 7 ft	6.2 - 6.8 ft	7 - 7.6 ft	7 - 7.6 ft	6.5 - 7.1 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	5.2 - 5.8 ft	5 - 7.1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft
	USCS Code	ML	ML	CL	ML	ML	ML	ML	ML	ML	ML	SW-SM	SM	OL	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result
Solids																
Moisture	%	**13**	---	**10**	**16**	**15**	**16**	---	**15**	**15**	---	**15**	**13**	**24**	---	**13**
Solids	%	---	**87.5**	---	---	---	---	**75.2**	---	---	**77.8**	---	---	---	**86.5**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	< 4.0	**5.1**	**4.8**	< 4.0	---	**4.4**	**4.0**	---	**6.8**	**4.9**	**4.5**	---	**4.5**
Diesel Range Organics (C10-C20)	ug/kg	---	< 29000	---	---	---	---	< 33000	---	---	< 32000	---	---	---	< 29000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6300	---	---	---	---	< 8100	---	---	< 7700	---	---	---	< 6400	---
Oil Range Organics (C20-C34)	mg/kg	**5.2**	---	**5.9**	**9.0**	**9.6**	**4.3**	---	**4.3**	**6.2**	---	**18**	**5.2**	**6.2**	---	< 4.0
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	---	---	< 130000	---	---	< 130000	---	---	---	< 120000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,1-Dichloroethane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 63	< 250	< 250	< 250	< 250	< 81	< 250	< 250	< 77	< 250	< 250	< 250	< 64	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,2-Dichloroethane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,2-Dichloropropane	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 320	< 50	< 50	< 50	< 50	< 400	< 50	< 50	< 390	< 50	< 50	< 50	< 320	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
2-Butanone (MEK)	ug/kg	< 750	< 320	< 750	< 750	< 750	< 750	< 400	< 750	< 750	< 390	< 750	< 750	< 750	< 320	< 750
2-Hexanone	ug/kg	< 2500	< 320	< 2500	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 390	< 2500	< 2500	< 2500	< 320	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 320	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 390	< 330	< 330	< 330	< 320	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 320	< 2500	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 390	< 2500	< 2500	< 2500	< 320	< 2500

	Date \ Time Collected	9/16/2011 9:10 AM	9/16/2011 9:10 AM	9/16/2011 9:38 AM	9/16/2011 10:20 AM	9/16/2011 12:45 PM	9/16/2011 1:20 PM	9/16/2011 1:20 PM	9/16/2011 4:35 PM	9/16/2011 5:15 PM	9/16/2011 5:15 PM	9/16/2011 6:00 PM	9/17/2011 7:45 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM	9/17/2011 9:50 AM
	Location	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 075	SBTC0075R 077	SBTC0075R 077	SBTC0075R 078	SBTC0075R 080	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 084	SBTC0075R 084	SBTC0075R 084
	Sample	SBTC0075R 071S 091611S049	SBTC0075R071S091611S049-split	SBTC0075R 072S 091611S044	SBTC0075R 073S 091611S070	SBTC0075R 075S 091611S068	SBTC0075R 077S 091611S076	SBTC0075R077S091611S076-split	SBTC0075R 078S 091611S073	SBTC0075R 080S 091611S072	SBTC0075R080S091611S072-split	SBTC0075R 081S 091611S058	SBTC0075R 082S 091711S071	SBTC0075R 084S 091711S010	SBTC0075R084S091711S010-split	SBTC0075R 084S 091711S080
	Depth	4.3 - 4.9 ft	4.3 - 4.9 ft	4.4 - 7.4 ft	6.4 - 7 ft	6.2 - 6.8 ft	7 - 7.6 ft	7 - 7.6 ft	6.5 - 7.1 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	5.2 - 5.8 ft	5 - 7.1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft
	USCS Code	ML	ML	CL	ML	ML	ML	ML	ML	ML	ML	SW-SM	SM	OL	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result
Acetone	ug/kg	< 1000	< 1300	< 1000	< 1000	< 1000	< 1000	< 1600	< 1000	< 1000	< 1500	< 1000	< 1000	< 1000	< 1300	< 1000
Acrylonitrile	ug/kg	< 100	< 320	< 100	< 100	< 100	< 100	< 400	< 100	< 100	< 390	< 100	< 100	< 100	< 320	< 100
Benzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Bromobenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Bromochloromethane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Bromodichloromethane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Bromoform	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Bromomethane	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 320	< 200	< 200	< 310	< 200	< 200	< 200	< 260	< 200
Carbon disulfide	ug/kg	< 250	< 63	< 250	< 250	< 250	< 250	< 81	< 250	< 250	< 77	< 250	< 250	< 250	< 64	< 250
Carbon tetrachloride	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Chlorobenzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Chloroethane	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
Chloroform	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Chloromethane	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Cyclohexane	ug/kg	< 500	< 320	< 500	< 500	< 500	< 500	< 400	< 500	< 500	< 390	< 500	< 500	< 500	< 320	< 500
Dibromochloromethane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Dibromochloropropane	ug/kg	< 45	< 320	< 41	< 49	< 48	< 49	< 400	< 46	< 44	< 390	< 46	< 35	< 39	< 320	< 35
Dibromomethane	ug/kg	< 250	< 63	< 250	< 250	< 250	< 250	< 81	< 250	< 250	< 77	< 250	< 250	< 250	< 64	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
Diethyl ether	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 320	< 200	< 200	< 310	< 200	< 200	< 200	< 260	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
Ethylbenzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Ethylene dibromide	ug/kg	< 45	< 63	< 41	< 49	< 48	< 49	< 81	< 46	< 44	< 77	< 46	< 35	< 39	< 64	< 35
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
Hexachloroethane	ug/kg	< 300	< 320	< 300	< 300	< 300	< 300	< 400	< 300	< 300	< 390	< 300	< 300	< 300	< 320	< 300
Isopropyl benzene	ug/kg	< 250	< 63	< 250	< 250	< 250	< 250	< 81	< 250	< 250	< 77	< 250	< 250	< 250	< 64	< 250
m&p-Xylene	ug/kg	< 100	< 130	< 100	< 100	< 100	< 100	< 160	< 100	< 100	< 150	< 100	< 100	< 100	< 130	< 100
Methyl Iodide	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Methylene chloride	ug/kg	< 100	< 130	< 100	< 100	< 100	< 100	< 160	< 100	< 100	< 150	< 100	< 100	< 100	< 130	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 63	< 250	< 250	< 250	< 250	< 81	< 250	< 250	< 77	< 250	< 250	< 250	< 64	< 250
Naphthalene	ug/kg	< 330	< 320	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 390	< 330	< 330	< 330	< 320	< 330
n-Butylbenzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
n-Propylbenzene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
o-Xylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/16/2011 9:10 AM	9/16/2011 9:10 AM	9/16/2011 9:38 AM	9/16/2011 10:20 AM	9/16/2011 12:45 PM	9/16/2011 1:20 PM	9/16/2011 1:20 PM	9/16/2011 4:35 PM	9/16/2011 5:15 PM	9/16/2011 5:15 PM	9/16/2011 6:00 PM	9/17/2011 7:45 AM	9/17/2011 9:30 AM	9/17/2011 9:30 AM	9/17/2011 9:50 AM
	Location	SBTC0075R 071	SBTC0075R 071	SBTC0075R 072	SBTC0075R 073	SBTC0075R 075	SBTC0075R 077	SBTC0075R 077	SBTC0075R 078	SBTC0075R 080	SBTC0075R 080	SBTC0075R 081	SBTC0075R 082	SBTC0075R 084	SBTC0075R 084	SBTC0075R 084
	Sample	SBTC0075R 071S 091611S049	SBTC0075R071S091611S049-split	SBTC0075R 072S 091611S044	SBTC0075R 073S 091611S070	SBTC0075R 075S 091611S068	SBTC0075R 077S 091611S076	SBTC0075R077S091611S076-split	SBTC0075R 078S 091611S073	SBTC0075R 080S 091611S072	SBTC0075R080S091611S072-split	SBTC0075R 081S 091611S058	SBTC0075R 082S 091711S071	SBTC0075R 084S 091711S010	SBTC0075R084S091711S010-split	SBTC0075R 084S 091711S080
	Depth	4.3 - 4.9 ft	4.3 - 4.9 ft	4.4 - 7.4 ft	6.4 - 7 ft	6.2 - 6.8 ft	7 - 7.6 ft	7 - 7.6 ft	6.5 - 7.1 ft	6.6 - 7.2 ft	6.6 - 7.2 ft	5.2 - 5.8 ft	5 - 7.1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft
	USCS Code	ML	ML	CL	ML	ML	ML	ML	ML	ML	ML	SW-SM	SM	OL	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Split	Result	Result	Split	Result	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
sec-Butylbenzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Styrene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 320	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 390	< 250	< 250	< 250	< 320	< 250
t-Butyl alcohol	ug/kg	< 2500	< 3200	< 2500	< 2500	< 2500	< 2500	< 4000	< 2500	< 2500	< 3900	< 2500	< 2500	< 2500	< 3200	< 2500
t-Butylbenzene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Tetrachloroethylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Tetrahydrofuran	ug/kg	< 1000	< 320	< 1000	< 1000	< 1000	< 1000	< 400	< 1000	< 1000	< 390	< 1000	< 1000	< 1000	< 320	< 1000
Toluene	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Trichloroethylene	ug/kg	< 50	< 63	< 50	< 50	< 50	< 50	< 81	< 50	< 50	< 77	< 50	< 50	< 50	< 64	< 50
Trichlorofluoromethane	ug/kg	< 100	< 63	< 100	< 100	< 100	< 100	< 81	< 100	< 100	< 77	< 100	< 100	< 100	< 64	< 100
Vinyl chloride	ug/kg	< 45	< 63	< 41	< 49	< 48	< 49	< 81	< 46	< 44	< 77	< 46	< 40	< 40	< 64	< 40
Xylenes	ug/kg	< 100	---	< 100	< 100	< 100	< 100	---	< 100	< 100	---	< 100	< 100	< 100	---	< 100

	Date \ Time Collected	9/16/2011 3:30 PM	9/16/2011 3:50 PM	9/16/2011 3:50 PM	9/21/2011 11:10 AM	9/21/2011 11:10 AM	9/21/2011 11:15 AM	9/21/2011 11:15 AM	1/22/2014 9:10 AM	2/7/2014 1:30 PM	9/16/2011 8:10 AM	9/16/2011 8:40 AM	9/16/2011 9:35 AM	9/22/2011 2:20 PM	9/16/2011 9:30 AM	9/16/2011 9:30 AM
	Location	SBTC0075R 085	SBTC0075R 085	SBTC0075R 085	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 504	SBTC0075R 517	SBTC0100L 002	SBTC0100L 002	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 007	SBTC0100L 007
	Sample	SBTC0075R 085S 091611S005	SBTC0075R 085S 091611S068	SBTC0075R085 5S091611S068-split	SBTC0075R 086AS 092111S004	SBTC0075R086 6AS092111S004-split	SBTC0075R 086AS 092111S075	SBTC0075R 086AD 092111S075	SBTC0075R 504S 012214S019	SBTC0075R 517S 020714S024	SBTC0100L 002S 091611S010	SBTC0100L 002S 091611S067	SBTC0100L 004S 091611S071	SBTC0100L 006AS 092211S064	SBTC0100L 007S 091611S010	SBTC0100L 007D 091611S010
	Depth	0 - 0.5 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.4 ft	0 - 0.4 ft	7 - 7.5 ft	7 - 7.5 ft	1.5 - 1.9 ft	1.9 - 2.4 ft	0 - 1 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	5.9 - 6.4 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	SW	SW	OL	OL	SP	SP	SW	ML	OL	SW	SW	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate
Metals																
Arsenic	mg/kg	---	---	**5.3**	---	**16**	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	**9.2**	---	**58**	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.2	< 0.50	**0.40**	< 0.50	**0.52**	< 0.50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	< 0.2	---	< 0.2	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	**11**	---	**14**	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	**6.1**	---	**14**	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	**17000**	---	**20000**	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	**4.5**	---	**7.2**	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	< 0.05	---	< 0.05	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2.9**	< 1.0	< 1	**1.8**	**2.0**	< 1.0	< 1.0	< 1.0	**18**	**5.7**	< 1.0	< 1.0	< 1.0	**2.4**	**2.4**
Nickel	mg/kg	**14**	**7.0**	**12**	**9.9**	**18**	**20**	**19**	**6.2**	---	**10**	**9.8**	**9.7**	**16**	**11**	**10**
Selenium	mg/kg	---	---	< 0.2	---	**0.44**	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	< 0.1	---	< 0.1	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**18**	**13**	**15**	**21**	**24**	**78**	**75**	**6.3**	---	**12**	**9.0**	**11**	**9.5**	**13**	**12**
Zinc	mg/kg	---	---	**18**	---	**30**	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 560	< 330	< 670	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 450	< 330	< 530	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 230	< 330	< 270	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/16/2011 3:30 PM	9/16/2011 3:50 PM	9/16/2011 3:50 PM	9/21/2011 11:10 AM	9/21/2011 11:10 AM	9/21/2011 11:15 AM	9/21/2011 11:15 AM	1/22/2014 9:10 AM	2/7/2014 1:30 PM	9/16/2011 8:10 AM	9/16/2011 8:40 AM	9/16/2011 9:35 AM	9/22/2011 2:20 PM	9/16/2011 9:30 AM	9/16/2011 9:30 AM
	Location	SBTC0075R 085	SBTC0075R 085	SBTC0075R 085	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 504	SBTC0075R 517	SBTC0100L 002	SBTC0100L 002	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 007	SBTC0100L 007
	Sample	SBTC0075R 085S 091611S005	SBTC0075R 085S 091611S068	SBTC0075R085 5S091611S068-split	SBTC0075R 086AS 092111S004	SBTC0075R086 6AS092111S004-split	SBTC0075R 086AS 092111S075	SBTC0075R 086AD 092111S075	SBTC0075R 504S 012214S019	SBTC0075R 517S 020714S024	SBTC0100L 002S 091611S010	SBTC0100L 002S 091611S067	SBTC0100L 004S 091611S071	SBTC0100L 006AS 092211S064	SBTC0100L 007S 091611S010	SBTC0100L 007D 091611S010
	Depth	0 - 0.5 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.4 ft	0 - 0.4 ft	7 - 7.5 ft	7 - 7.5 ft	1.5 - 1.9 ft	1.9 - 2.4 ft	0 - 1 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	5.9 - 6.4 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	SW	SW	OL	OL	SP	SP	SW	ML	OL	SW	SW	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate
Solids																
Moisture	%	**24**	**7.8**	---	**24**	---	**12**	**13**	**12**	**22**	**47**	**6.6**	**6.8**	**9.6**	**61**	**53**
Solids	%	---	---	**88.7**	---	**75.0**	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**7.3**	**4.9**	---	**5.7**	---	< 4.0	< 4.0	---	---	**8.9**	< 4.0	< 4.0	< 4.0	< 6.3	**10**
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 28000	---	< 33000	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	---	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 6200	---	< 8400	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**18**	**6.7**	---	**13**	---	**18**	< 4.0	---	---	**22**	**7.6**	< 4.0	**13**	**14**	**22**
Oil Range Organics (C20-C34)	ug/kg	---	---	< 110000	---	< 130000	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,1,1-Trichloroethane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,1,2,2-Tetrachloroethane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,1,2-Trichloroethane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,1-Dichloroethane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,1-Dichloroethylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 62	< 250	< 84	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,2-Dichloroethane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,2-Dichloropropane	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
1,3-Dichloropropene, cis	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,3-Dichloropropene, trans	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,4-Dichloro-2-butene, trans	ug/kg	< 65	< 50	< 310	< 70	< 420	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
2-Butanone (MEK)	ug/kg	< 750	< 750	< 310	< 750	< 420	< 750	< 750	< 750	---	< 750	< 750	< 750	< 750	< 1100	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 310	< 2500	< 420	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 310	< 330	< 420	< 330	< 330	< 330	---	< 530	< 330	< 330	< 330	< 1100	< 720
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 310	< 2500	< 420	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/16/2011 3:30 PM	9/16/2011 3:50 PM	9/16/2011 3:50 PM	9/21/2011 11:10 AM	9/21/2011 11:10 AM	9/21/2011 11:15 AM	9/21/2011 11:15 AM	1/22/2014 9:10 AM	2/7/2014 1:30 PM	9/16/2011 8:10 AM	9/16/2011 8:40 AM	9/16/2011 9:35 AM	9/22/2011 2:20 PM	9/16/2011 9:30 AM	9/16/2011 9:30 AM
	Location	SBTC0075R 085	SBTC0075R 085	SBTC0075R 085	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 504	SBTC0075R 517	SBTC0100L 002	SBTC0100L 002	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 007	SBTC0100L 007
	Sample	SBTC0075R 085S 091611S005	SBTC0075R 085S 091611S068	SBTC0075R085S091611S068-split	SBTC0075R 086AS 092111S004	SBTC0075R086AS092111S004-split	SBTC0075R 086AS 092111S075	SBTC0075R 086AD 092111S075	SBTC0075R 504S 012214S019	SBTC0075R 517S 020714S024	SBTC0100L 002S 091611S010	SBTC0100L 002S 091611S067	SBTC0100L 004S 091611S071	SBTC0100L 006AS 092211S064	SBTC0100L 007S 091611S010	SBTC0100L 007D 091611S010
	Depth	0 - 0.5 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.4 ft	0 - 0.4 ft	7 - 7.5 ft	7 - 7.5 ft	1.5 - 1.9 ft	1.9 - 2.4 ft	0 - 1 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	5.9 - 6.4 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	SW	SW	OL	OL	SP	SP	SW	ML	OL	SW	SW	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate
Acetone	ug/kg	< 1000	< 1000	< 1200	< 1000	< 1700	< 1000	< 1000	< 1000	---	< 2400	< 1000	< 1000	< 1000	< 3700	< 2200
Acrylonitrile	ug/kg	< 100	< 100	< 310	< 100	< 420	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Benzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Bromobenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Bromochloromethane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Bromodichloromethane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Bromoform	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Bromomethane	ug/kg	< 200	< 200	< 250	< 200	< 330	< 200	< 200	< 200	---	< 200	< 200	< 200	< 200	< 320	< 220
Carbon disulfide	ug/kg	< 250	< 250	< 62	< 250	< 84	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Carbon tetrachloride	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Chlorobenzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Chloroethane	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 530	< 250	< 250	< 250	< 1100	< 720
Chloroform	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Chloromethane	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
cis-1,2-Dichloroethylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Cyclohexane	ug/kg	< 500	< 500	< 310	< 500	< 420	< 500	< 500	< 500	---	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Dibromochloropropane	ug/kg	< 65	< 38	< 310	< 70	< 420	< 43	< 45	< 43	---	< 160	< 43	< 43	< 40	< 320	< 220
Dibromomethane	ug/kg	< 250	< 250	< 62	< 250	< 84	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Diethyl ether	ug/kg	< 200	< 200	< 250	< 200	< 330	< 200	< 200	< 200	---	< 200	< 200	< 200	< 200	< 320	< 220
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Ethylbenzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Ethylene dibromide	ug/kg	< 65	< 38	< 62	< 70	< 84	< 43	< 45	< 43	---	< 160	< 43	< 43	< 40	< 320	< 220
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 310	< 300	< 420	< 300	< 300	< 300	---	< 300	< 300	< 300	< 300	< 320	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 62	< 250	< 84	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
m&p-Xylene	ug/kg	< 130	< 100	< 120	< 140	< 170	< 100	< 100	< 100	---	< 320	< 100	< 100	< 100	< 640	< 430
Methyl Iodide	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Methylene chloride	ug/kg	< 100	< 100	< 120	< 100	< 170	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 62	< 250	< 84	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
Naphthalene	ug/kg	< 330	< 330	< 310	< 330	< 420	< 330	< 330	< 330	---	< 530	< 330	< 330	< 330	< 1100	< 720
n-Butylbenzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
n-Propylbenzene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
o-Xylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/16/2011 3:30 PM	9/16/2011 3:50 PM	9/16/2011 3:50 PM	9/21/2011 11:10 AM	9/21/2011 11:10 AM	9/21/2011 11:15 AM	9/21/2011 11:15 AM	1/22/2014 9:10 AM	2/7/2014 1:30 PM	9/16/2011 8:10 AM	9/16/2011 8:40 AM	9/16/2011 9:35 AM	9/22/2011 2:20 PM	9/16/2011 9:30 AM	9/16/2011 9:30 AM
	Location	SBTC0075R 085	SBTC0075R 085	SBTC0075R 085	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 504	SBTC0075R 517	SBTC0100L 002	SBTC0100L 002	SBTC0100L 004	SBTC0100L 006A	SBTC0100L 007	SBTC0100L 007
	Sample	SBTC0075R 085S 091611S005	SBTC0075R 085S 091611S068	SBTC0075R085S091611S068-split	SBTC0075R 086AS 092111S004	SBTC0075R086AS092111S004-split	SBTC0075R 086AS 092111S075	SBTC0075R 086AD 092111S075	SBTC0075R 504S 012214S019	SBTC0075R 517S 020714S024	SBTC0100L 002S 091611S010	SBTC0100L 002S 091611S067	SBTC0100L 004S 091611S071	SBTC0100L 006AS 092211S064	SBTC0100L 007S 091611S010	SBTC0100L 007D 091611S010
	Depth	0 - 0.5 ft	6.3 - 6.8 ft	6.3 - 6.8 ft	0 - 0.4 ft	0 - 0.4 ft	7 - 7.5 ft	7 - 7.5 ft	1.5 - 1.9 ft	1.9 - 2.4 ft	0 - 1 ft	6.2 - 6.7 ft	6.6 - 7.1 ft	5.9 - 6.4 ft	0 - 1 ft	0 - 1 ft
	USCS Code	OL	SW	SW	OL	OL	SP	SP	SW	ML	OL	SW	SW	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
sec-Butylbenzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Styrene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 310	< 250	< 420	< 250	< 250	< 250	---	< 250	< 250	< 250	< 250	< 320	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 3100	< 2500	< 4200	< 2500	< 2500	< 2500	---	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Tetrachloroethylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 310	< 1000	< 420	< 1000	< 1000	< 1000	---	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000
Toluene	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
trans-1,2-Dichloroethylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Trichloroethylene	ug/kg	< 65	< 50	< 62	< 70	< 84	< 50	< 50	< 50	---	< 160	< 50	< 50	< 50	< 320	< 220
Trichlorofluoromethane	ug/kg	< 100	< 100	< 62	< 100	< 84	< 100	< 100	< 100	---	< 160	< 100	< 100	< 100	< 320	< 220
Vinyl chloride	ug/kg	< 65	< 40	< 62	< 70	< 84	< 43	< 45	< 43	---	< 160	< 43	< 43	< 40	< 320	< 220
Xylenes	ug/kg	< 130	< 100	---	< 140	---	< 100	< 100	< 100	---	< 320	< 100	< 100	< 100	< 640	< 430

	Date \ Time Collected	9/16/2011 9:55 AM	9/16/2011 10:30 AM	9/16/2011 10:55 AM	9/16/2011 11:25 AM	9/17/2011 4:30 PM	9/17/2011 4:40 PM	9/17/2011 3:55 PM	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 3:25 PM	9/17/2011 3:20 PM	9/17/2011 2:30 PM	9/17/2011 3:40 PM	9/17/2011 4:10 PM
	Location	SBTC0100L 007	SBTC0100L 008	SBTC0100L 010	SBTC0100L 010	SBTC0100L 011	SBTC0100L 011	SBTC0100L 012	SBTC0100L 013	SBTC0100L 013	SBTC0100L 013	SBTC0100L 014	SBTC0100L 015	SBTC0100L 016	SBTC0100L 016
	Sample	SBTC0100L 007S 091611S077	SBTC0100L 008S 091611S069	SBTC0100L 010S 091611S010	SBTC0100L 010S 091611S076	SBTC0100L 011S 091711S006	SBTC0100L 011S 091711S062	SBTC0100L 012S 091711S059	SBTC0100L 013S 091711S010	SBTC0100L013S091711S010-SPLIT	SBTC0100L 013S 091711S071	SBTC0100L 014S 091711S072	SBTC0100L 015S 091711S076	SBTC0100L 016S 091711S010	SBTC0100L 016S 091711S075
	Depth	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.6 ft	5.7 - 6.2 ft	5.4 - 5.9 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.2 - 7.2 ft	7.1 - 7.6 ft	0 - 1 ft	6.7 - 7.55 ft
	USCS Code	SW	SM	OL	SW	OL	ML	SW	OL	OL	GW	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	---	< 0.50	**0.52**	< 0.50	< 0.60	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	**17**	**1.8**	< 1.0	**15**	< 1.0	< 1.0	**2.4**	---	< 1.0	**19**	< 1.0	**2.9**	**3.2**
Nickel	mg/kg	**6.0**	**12**	**9.5**	**12**	**4.1**	**16**	**8.1**	**7.7**	---	**7.3**	**30**	**9.9**	**16**	**6.7**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**8.9**	**21**	**18**	**18**	**3.2**	**40**	**12**	**12**	---	**14**	**120**	**15**	**24**	**15**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/16/2011 9:55 AM	9/16/2011 10:30 AM	9/16/2011 10:55 AM	9/16/2011 11:25 AM	9/17/2011 4:30 PM	9/17/2011 4:40 PM	9/17/2011 3:55 PM	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 3:25 PM	9/17/2011 3:20 PM	9/17/2011 2:30 PM	9/17/2011 3:40 PM	9/17/2011 4:10 PM
	Location	SBTC0100L 007	SBTC0100L 008	SBTC0100L 010	SBTC0100L 010	SBTC0100L 011	SBTC0100L 011	SBTC0100L 012	SBTC0100L 013	SBTC0100L 013	SBTC0100L 013	SBTC0100L 014	SBTC0100L 015	SBTC0100L 016	SBTC0100L 016
	Sample	SBTC0100L 007S 091611S077	SBTC0100L 008S 091611S069	SBTC0100L 010S 091611S010	SBTC0100L 010S 091611S076	SBTC0100L 011S 091711S006	SBTC0100L 011S 091711S062	SBTC0100L 012S 091711S059	SBTC0100L 013S 091711S010	SBTC0100L013S091711S010-SPLIT	SBTC0100L 013S 091711S071	SBTC0100L 014S 091711S072	SBTC0100L 015S 091711S076	SBTC0100L 016S 091711S010	SBTC0100L 016S 091711S075
	Depth	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.6 ft	5.7 - 6.2 ft	5.4 - 5.9 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.2 - 7.2 ft	7.1 - 7.6 ft	0 - 1 ft	6.7 - 7.55 ft
	USCS Code	SW	SM	OL	SW	OL	ML	SW	OL	OL	GW	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Solids															
Moisture	%	**11**	**18**	**64**	**10**	**59**	**7.1**	**8.1**	**45**	---	**7.8**	**23**	**8.3**	**69**	**15**
Solids	%	---	---	---	---	---	---	---	---	**100**	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**5.2**	**4.5**	**7.2**	< 4.0	**8.4**	**5.3**	**5.1**	**8.8**	---	**4.4**	< 4.0	**8.6**	**21**	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 5000.00	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**14**	**8.6**	**7.8**	**8.2**	**20**	**11**	**5.6**	**41**	---	**5.1**	< 4.0	**17**	**95**	**5.2**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,1-Dichloroethane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 50.00	< 250	< 250	< 250	< 530	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,2-Dichloroethane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,2-Dichloropropane	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 240	< 50	< 62	< 50	< 530	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 1300	< 750	< 930	< 750	< 750	< 750	< 250.00	< 750	< 750	< 750	< 1800	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 250.00	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 1300	< 330	< 930	< 330	< 330	< 480	< 250.00	< 330	< 330	< 330	< 1800	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 250.00	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/16/2011 9:55 AM	9/16/2011 10:30 AM	9/16/2011 10:55 AM	9/16/2011 11:25 AM	9/17/2011 4:30 PM	9/17/2011 4:40 PM	9/17/2011 3:55 PM	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 3:25 PM	9/17/2011 3:20 PM	9/17/2011 2:30 PM	9/17/2011 3:40 PM	9/17/2011 4:10 PM
	Location	SBTC0100L 007	SBTC0100L 008	SBTC0100L 010	SBTC0100L 010	SBTC0100L 011	SBTC0100L 011	SBTC0100L 012	SBTC0100L 013	SBTC0100L 013	SBTC0100L 013	SBTC0100L 014	SBTC0100L 015	SBTC0100L 016	SBTC0100L 016
	Sample	SBTC0100L 007S 091611S077	SBTC0100L 008S 091611S069	SBTC0100L 010S 091611S010	SBTC0100L 010S 091611S076	SBTC0100L 011S 091711S006	SBTC0100L 011S 091711S062	SBTC0100L 012S 091711S059	SBTC0100L 013S 091711S010	SBTC0100L01 3S091711S01 0-SPLIT	SBTC0100L 013S 091711S071	SBTC0100L 014S 091711S072	SBTC0100L 015S 091711S076	SBTC0100L 016S 091711S010	SBTC0100L 016S 091711S075
	Depth	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.6 ft	5.7 - 6.2 ft	5.4 - 5.9 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.2 - 7.2 ft	7.1 - 7.6 ft	0 - 1 ft	6.7 - 7.55 ft
	USCS Code	SW	SM	OL	SW	OL	ML	SW	OL	OL	GW	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 3200	< 1000	< 2300	< 1000	< 1000	< 1200	< 1000.00	< 1000	< 1000	< 1000	< 4400	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 240	< 100	< 100	< 100	< 530	< 100
Benzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Bromobenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Bromoform	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Bromomethane	ug/kg	< 200	< 200	< 380	< 200	< 280	< 200	< 200	< 200	< 200.00	< 200	< 200	< 200	< 530	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 50.00	< 250	< 250	< 250	< 530	< 250
Carbon tetrachloride	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Chlorobenzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Chloroethane	ug/kg	< 250	< 250	< 1300	< 250	< 930	< 250	< 250	< 480	< 250.00	< 250	< 250	< 250	< 1800	< 250
Chloroform	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Chloromethane	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 250.00	< 500	< 500	< 500	< 530	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Dibromochloropropane	ug/kg	< 42	< 53	< 380	< 41	< 280	< 37	< 38	< 140	< 250.00	< 38	< 62	< 39	< 530	< 48
Dibromomethane	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 50.00	< 250	< 250	< 250	< 530	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
Diethyl ether	ug/kg	< 200	< 200	< 380	< 200	< 280	< 200	< 200	< 200	< 200.00	< 200	< 200	< 200	< 530	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
Ethylbenzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Ethylene dibromide	ug/kg	< 42	< 53	< 380	< 41	< 280	< 37	< 38	< 140	< 48	< 38	< 62	< 39	< 530	< 48
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 380	< 300	< 300	< 300	< 300	< 300	< 250.00	< 300	< 300	< 300	< 530	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 50.00	< 250	< 250	< 250	< 530	< 250
m&p-Xylene	ug/kg	< 100	< 110	< 760	< 100	< 560	< 100	< 100	< 290	< 100.00	< 100	< 120	< 100	< 1100	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Methylene chloride	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 100.00	< 100	< 100	< 100	< 530	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 50.00	< 250	< 250	< 250	< 530	< 250
Naphthalene	ug/kg	< 330	< 330	< 1300	< 330	< 930	< 330	< 330	< 480	< 250.00	< 330	< 330	< 330	< 1800	< 330
n-Butylbenzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
o-Xylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50

	Date \ Time Collected	9/16/2011 9:55 AM	9/16/2011 10:30 AM	9/16/2011 10:55 AM	9/16/2011 11:25 AM	9/17/2011 4:30 PM	9/17/2011 4:40 PM	9/17/2011 3:55 PM	9/17/2011 2:50 PM	9/17/2011 2:50 PM	9/17/2011 3:25 PM	9/17/2011 3:20 PM	9/17/2011 2:30 PM	9/17/2011 3:40 PM	9/17/2011 4:10 PM
	Location	SBTC0100L 007	SBTC0100L 008	SBTC0100L 010	SBTC0100L 010	SBTC0100L 011	SBTC0100L 011	SBTC0100L 012	SBTC0100L 013	SBTC0100L 013	SBTC0100L 013	SBTC0100L 014	SBTC0100L 015	SBTC0100L 016	SBTC0100L 016
	Sample	SBTC0100L 007S 091611S077	SBTC0100L 008S 091611S069	SBTC0100L 010S 091611S010	SBTC0100L 010S 091611S076	SBTC0100L 011S 091711S006	SBTC0100L 011S 091711S062	SBTC0100L 012S 091711S059	SBTC0100L 013S 091711S010	SBTC0100L013S091711S010-SPLIT	SBTC0100L 013S 091711S071	SBTC0100L 014S 091711S072	SBTC0100L 015S 091711S076	SBTC0100L 016S 091711S010	SBTC0100L 016S 091711S075
	Depth	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.6 ft	5.7 - 6.2 ft	5.4 - 5.9 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.2 - 7.2 ft	7.1 - 7.6 ft	0 - 1 ft	6.7 - 7.55 ft
	USCS Code	SW	SM	OL	SW	OL	ML	SW	OL	OL	GW	OL	SW	OL	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
sec-Butylbenzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Styrene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 380	< 250	< 280	< 250	< 250	< 250	< 250.00	< 250	< 250	< 250	< 530	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500.00	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Tetrachloroethylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1300	< 1000	< 1000	< 1000	< 1000	< 1000	< 250.00	< 1000	< 1000	< 1000	< 1800	< 1000
Toluene	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Trichloroethylene	ug/kg	< 50	< 53	< 380	< 50	< 280	< 50	< 50	< 140	< 50.00	< 50	< 62	< 50	< 530	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 380	< 100	< 280	< 100	< 100	< 140	< 50.00	< 100	< 100	< 100	< 530	< 100
Vinyl chloride	ug/kg	< 42	< 53	< 380	< 41	< 280	< 40	< 40	< 140	< 48	< 40	< 62	< 40	< 530	< 48
Xylenes	ug/kg	< 100	< 110	< 760	< 100	< 560	< 100	< 100	< 290	---	< 100	< 120	< 100	< 1100	< 100

	Date \ Time Collected	9/17/2011 5:30 PM	9/17/2011 5:30 PM	9/17/2011 5:40 PM	9/17/2011 4:30 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/19/2011 9:15 AM	9/17/2011 12:55 PM	9/19/2011 9:40 AM	9/17/2011 1:35 PM	9/17/2011 10:50 AM	9/17/2011 10:00 AM	9/17/2011 1:25 PM
	Location	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 020	SBTC0100L 021	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 028
	Sample	SBTC0100L 017S 091711S069	SBTC0100L 017D 091711S069	SBTC0100L 018S 091711S075	SBTC0100L 019S 091711S003	SBTC0100L 019S 091711S058	SBTC0100L 019D 091711S058	SBTC0100L01 9S091711S05 8-SPLIT	SBTC0100L 020S 091911S072	SBTC0100L 021S 091711S075	SBTC0100L 022S 091911S077	SBTC0100L 023S 091711S077	SBTC0100L 024S 091711S074	SBTC0100L 026S 091711S078	SBTC0100L 028S 091711S079
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	7.05 - 7.5 ft	0 - 0.3 ft	4.35 - 5.8 ft	4.8 - 5.8 ft	4.35 - 5.8 ft	6.95 - 7.2 ft	7 - 7.5 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	6.45 - 7.4 ft	6.8 - 7.8 ft	6.9 - 7.9 ft
	USCS Code	SW-SM	SW-SM	SP-SM	CL	OL	OL	OL	GM	SW	ML	OL	ML	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	**270**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	**47**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	**0.63**	< 0.50	**0.93**	**0.80**	**0.73**	< 0.50	< 0.50	< 0.50	**0.73**	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	**0.24**	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**8.9**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	**6.7**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	**72000**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	**4.3**	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.12	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.3**	**1.7**	**19**	**1.5**	**74**	**44**	**58**	**4.0**	< 1.0	**22**	**39**	**8.2**	**24**	**16**
Nickel	mg/kg	**18**	**13**	**21**	**12**	**17**	**32**	**24**	**31**	**8.8**	**9.8**	**13**	**7.5**	**19**	**18**
Selenium	mg/kg	---	---	---	---	---	---	**0.55**	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**28**	**17**	**99**	**20**	**16**	**25**	**20**	**41**	**15**	**17**	**22**	**9.1**	**24**	**21**
Zinc	mg/kg	---	---	---	---	---	---	**40**	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 890	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/17/2011 5:30 PM	9/17/2011 5:30 PM	9/17/2011 5:40 PM	9/17/2011 4:30 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/19/2011 9:15 AM	9/17/2011 12:55 PM	9/19/2011 9:40 AM	9/17/2011 1:35 PM	9/17/2011 10:50 AM	9/17/2011 10:00 AM	9/17/2011 1:25 PM
	Location	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 020	SBTC0100L 021	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 028
	Sample	SBTC0100L 017S 091711S069	SBTC0100L 017D 091711S069	SBTC0100L 018S 091711S075	SBTC0100L 019S 091711S003	SBTC0100L 019S 091711S058	SBTC0100L 019D 091711S058	SBTC0100L01 9S091711S05 8-SPLIT	SBTC0100L 020S 091911S072	SBTC0100L 021S 091711S075	SBTC0100L 022S 091911S077	SBTC0100L 023S 091711S077	SBTC0100L 024S 091711S074	SBTC0100L 026S 091711S078	SBTC0100L 028S 091711S079
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	7.05 - 7.5 ft	0 - 0.3 ft	4.35 - 5.8 ft	4.8 - 5.8 ft	4.35 - 5.8 ft	6.95 - 7.2 ft	7 - 7.5 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	6.45 - 7.4 ft	6.8 - 7.8 ft	6.9 - 7.9 ft
	USCS Code	SW-SM	SW-SM	SP-SM	CL	OL	OL	OL	GM	SW	ML	OL	ML	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result
Solids															
Moisture	%	**9.1**	**9.0**	**17**	**20**	**53**	**54**	---	**23**	**9.6**	**35**	**44**	**52**	**46**	**38**
Solids	%	---	---	---	---	---	---	**44.8**	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**4.4**	**4.6**	< 4.0	**9.2**	**6.5**	**6.5**	---	**4.1**	**4.6**	**5.5**	**6.8**	**7.6**	**5.8**	**4.8**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 56000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 17000	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**6.3**	< 4.0	< 4.0	**39**	**13**	< 5.3	---	**12**	< 4.0	**20**	**7.6**	**20**	**8.4**	**6.1**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	< 220000	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,1-Dichloroethane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,2-Dichloroethane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,2-Dichloropropane	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 850	< 62	< 50	< 95	< 140	< 200	< 56	< 110
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 850	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 850	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 690	< 750	< 850	< 330	< 330	< 330	< 460	< 660	< 330	< 360
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 850	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/17/2011 5:30 PM	9/17/2011 5:30 PM	9/17/2011 5:40 PM	9/17/2011 4:30 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/17/2011 4:55 PM	9/19/2011 9:15 AM	9/17/2011 12:55 PM	9/19/2011 9:40 AM	9/17/2011 1:35 PM	9/17/2011 10:50 AM	9/17/2011 10:00 AM	9/17/2011 1:25 PM
	Location	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 020	SBTC0100L 021	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 028
	Sample	SBTC0100L 017S 091711S069	SBTC0100L 017D 091711S069	SBTC0100L 018S 091711S075	SBTC0100L 019S 091711S003	SBTC0100L 019S 091711S058	SBTC0100L 019D 091711S058	SBTC0100L01 9S091711S05 8-SPLIT	SBTC0100L 020S 091911S072	SBTC0100L 021S 091711S075	SBTC0100L 022S 091911S077	SBTC0100L 023S 091711S077	SBTC0100L 024S 091711S074	SBTC0100L 026S 091711S078	SBTC0100L 028S 091711S079
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	7.05 - 7.5 ft	0 - 0.3 ft	4.35 - 5.8 ft	4.8 - 5.8 ft	4.35 - 5.8 ft	6.95 - 7.2 ft	7 - 7.5 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	6.45 - 7.4 ft	6.8 - 7.8 ft	6.9 - 7.9 ft
	USCS Code	SW-SM	SW-SM	SP-SM	CL	OL	OL	OL	GM	SW	ML	OL	ML	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1700	< 1900	< 3400	< 1000	< 1000	< 1000	< 1200	< 1600	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 850	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Benzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 210	< 220	< 680	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Chlorobenzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Chloroethane	ug/kg	< 250	< 250	< 250	< 250	< 690	< 750	< 850	< 250	< 250	< 320	< 460	< 660	< 250	< 360
Chloroform	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 850	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Dibromochloropropane	ug/kg	< 40	< 39	< 52	< 57	< 210	< 220	< 850	< 62	< 40	< 95	< 140	< 200	< 56	< 110
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 210	< 220	< 680	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Ethylene dibromide	ug/kg	< 40	< 39	< 52	< 57	< 210	< 220	< 170	< 62	< 40	< 95	< 140	< 200	< 56	< 110
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 850	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 110	< 410	< 450	< 340	< 120	< 100	< 190	< 280	< 400	< 110	< 220
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 340	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 690	< 750	< 850	< 330	< 330	< 330	< 460	< 660	< 330	< 360
n-Butylbenzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
o-Xylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110

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	Location	SBTC0100L 017	SBTC0100L 017	SBTC0100L 018	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 019	SBTC0100L 020	SBTC0100L 021	SBTC0100L 022	SBTC0100L 023	SBTC0100L 024	SBTC0100L 026	SBTC0100L 028
	Sample	SBTC0100L 017S 091711S069	SBTC0100L 017D 091711S069	SBTC0100L 018S 091711S075	SBTC0100L 019S 091711S003	SBTC0100L 019S 091711S058	SBTC0100L 019D 091711S058	SBTC0100L01 9S091711S05 8-SPLIT	SBTC0100L 020S 091911S072	SBTC0100L 021S 091711S075	SBTC0100L 022S 091911S077	SBTC0100L 023S 091711S077	SBTC0100L 024S 091711S074	SBTC0100L 026S 091711S078	SBTC0100L 028S 091711S079
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	7.05 - 7.5 ft	0 - 0.3 ft	4.35 - 5.8 ft	4.8 - 5.8 ft	4.35 - 5.8 ft	6.95 - 7.2 ft	7 - 7.5 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	6.45 - 7.4 ft	6.8 - 7.8 ft	6.9 - 7.9 ft
	USCS Code	SW-SM	SW-SM	SP-SM	CL	OL	OL	OL	GM	SW	ML	OL	ML	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
sec-Butylbenzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Styrene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 850	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 8500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Tetrachloroethylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 850	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Trichloroethylene	ug/kg	< 50	< 50	< 52	< 57	< 210	< 220	< 170	< 62	< 50	< 95	< 140	< 200	< 56	< 110
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 210	< 220	< 170	< 100	< 100	< 100	< 140	< 200	< 100	< 110
Vinyl chloride	ug/kg	< 40	< 40	< 52	< 57	< 210	< 220	< 170	< 62	< 40	< 95	< 140	< 200	< 56	< 110
Xylenes	ug/kg	< 100	< 100	< 100	< 110	< 410	< 450	---	< 120	< 100	< 190	< 280	< 400	< 110	< 220

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	Location	SBTC0100L 029	SBTC0100L 029	SBTC0100L 030	SBTC0100L 030	SBTC0100L 031	SBTC0100L 032	SBTC0100L 034	SBTC0100L 035	SBTC0100L 035	SBTC0100L 036	SBTC0100L 036	SBTC0100L 037	SBTC0100L 037	SBTC0100L 037
	Sample	SBTC0100L 029S 091711S079	SBTC0100L029S091711S079-split	SBTC0100L 030S 091711S010	SBTC0100L 030S 091711S074	SBTC0100L 031S 091711S072	SBTC0100L 032S 091711S074	SBTC0100L 034S 091711S071	SBTC0100L 035S 091711S010	SBTC0100L 035S 091711S078	SBTC0100L 036S 091711S010	SBTC0100L 036S 091711S076	SBTC0100L 037S 091711S005	SBTC0100L037S091711S005-SPLIT	SBTC0100L 037S 091711S079
	Depth	7.4 - 7.9 ft	7.4 - 7.9 ft	0 - 1 ft	7 - 7.4 ft	6.7 - 7.2 ft	6.9 - 7.4 ft	6.6 - 7.1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.5 ft	0 - 0.5 ft	7.4 - 7.9 ft
	USCS Code	SW	SW	CL	SW	SM	SP	CL	OL	CL	OL	CL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result
Metals															
Arsenic	mg/kg	---	**28**	---	---	---	---	---	---	---	---	---	---	**21**	---
Barium	mg/kg	---	**11**	---	---	---	---	---	---	---	---	---	---	**110**	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	**0.67**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.26**	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	---	**0.59**	---
Chromium (Total)	mg/kg	---	**7.8**	---	---	---	---	---	---	---	---	---	---	**7.0**	---
Copper	mg/kg	---	**5.5**	---	---	---	---	---	---	---	---	---	---	**37**	---
Iron	mg/kg	---	**9600**	---	---	---	---	---	---	---	---	---	---	**26000**	---
Lead	mg/kg	---	**3.5**	---	---	---	---	---	---	---	---	---	---	**12**	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---	---	---	---	---	< 0.12	---
Molybdenum	mg/kg	< 1.0	**1.5**	**2.9**	**3.8**	**1.9**	**4.9**	**12**	**1.7**	**28**	**3.4**	**17**	**4.5**	**4.5**	**9.8**
Nickel	mg/kg	**10**	**14**	**15**	**9.4**	**11**	**6.8**	**17**	**7.9**	**10**	**14**	**8.2**	**8.2**	**8.7**	**44**
Selenium	mg/kg	---	**0.25**	---	---	---	---	---	---	---	---	---	---	**1.5**	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**12**	**11**	**17**	**11**	**9.3**	**12**	**26**	**12**	**12**	**16**	**15**	**11**	**11**	**19**
Zinc	mg/kg	---	**22**	---	---	---	---	---	---	---	---	---	---	**35**	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 570	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1200	< 330
Acenaphthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Acenaphthylene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Benzo(a)anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Benzo(a)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Chrysene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Fluoranthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Fluorene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 460	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 930	< 330
Naphthalene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Phenanthrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330
Pyrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 1:05 PM	9/17/2011 1:20 PM	9/17/2011 1:20 PM	9/17/2011 4:10 PM	9/17/2011 2:05 PM	9/17/2011 9:40 AM	9/17/2011 9:59 AM	9/17/2011 4:00 PM	9/17/2011 4:24 PM	9/17/2011 2:28 PM	9/17/2011 2:28 PM	9/17/2011 2:49 PM
	Location	SBTC0100L 029	SBTC0100L 029	SBTC0100L 030	SBTC0100L 030	SBTC0100L 031	SBTC0100L 032	SBTC0100L 034	SBTC0100L 035	SBTC0100L 035	SBTC0100L 036	SBTC0100L 036	SBTC0100L 037	SBTC0100L 037	SBTC0100L 037
	Sample	SBTC0100L 029S 091711S079	SBTC0100L029S091711S079-split	SBTC0100L 030S 091711S010	SBTC0100L 030S 091711S074	SBTC0100L 031S 091711S072	SBTC0100L 032S 091711S074	SBTC0100L 034S 091711S071	SBTC0100L 035S 091711S010	SBTC0100L 035S 091711S078	SBTC0100L 036S 091711S010	SBTC0100L 036S 091711S076	SBTC0100L 037S 091711S005	SBTC0100L037S091711S005-SPLIT	SBTC0100L 037S 091711S079
	Depth	7.4 - 7.9 ft	7.4 - 7.9 ft	0 - 1 ft	7 - 7.4 ft	6.7 - 7.2 ft	6.9 - 7.4 ft	6.6 - 7.1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.5 ft	0 - 0.5 ft	7.4 - 7.9 ft
	USCS Code	SW	SW	CL	SW	SM	SP	CL	OL	CL	OL	CL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result
Solids															
Moisture	%	**9.4**	---	**24**	**12**	**9.4**	**14**	**49**	**55**	**39**	**31**	**45**	**56**	---	**26**
Solids	%	---	**87.8**	---	---	---	---	---	---	---	---	---	---	**43.0**	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**6.4**	---	< 4.0	**4.1**	< 4.0	**4.0**	**5.9**	**7.3**	< 4.1	**5.6**	**5.2**	**15**	---	**4.3**
Diesel Range Organics (C10-C20)	ug/kg	---	< 28000	---	---	---	---	---	---	---	---	---	---	< 58000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6200	---	---	---	---	---	---	---	---	---	---	< 18000	---
Oil Range Organics (C20-C34)	mg/kg	**12**	---	**4.7**	< 4.0	< 4.0	**4.0**	**15**	**7.9**	< 4.1	**7.0**	**8.4**	**60**	---	**6.1**
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	---	---	---	---	---	---	---	---	**650000**	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,1,2-Trichloroethane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,1-Dichloroethane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,1-Dichloroethylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,2,3-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 62	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 180	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,2-Dichloroethane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,2-Dichloropropane	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,3,5-Trimethylbenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,3-Dichloropropene, trans	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 310	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 920	< 69
1,4-Dichlorobenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
2-Butanone (MEK)	ug/kg	< 750	< 310	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 810	< 920	< 750
2-Hexanone	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 920	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 310	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 480	< 810	< 920	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 920	< 2500

	Date \ Time Collected	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 1:05 PM	9/17/2011 1:20 PM	9/17/2011 1:20 PM	9/17/2011 4:10 PM	9/17/2011 2:05 PM	9/17/2011 9:40 AM	9/17/2011 9:59 AM	9/17/2011 4:00 PM	9/17/2011 4:24 PM	9/17/2011 2:28 PM	9/17/2011 2:28 PM	9/17/2011 2:49 PM
	Location	SBTC0100L 029	SBTC0100L 029	SBTC0100L 030	SBTC0100L 030	SBTC0100L 031	SBTC0100L 032	SBTC0100L 034	SBTC0100L 035	SBTC0100L 035	SBTC0100L 036	SBTC0100L 036	SBTC0100L 037	SBTC0100L 037	SBTC0100L 037
	Sample	SBTC0100L 029S 091711S079	SBTC0100L029S091711S079-split	SBTC0100L 030S 091711S010	SBTC0100L 030S 091711S074	SBTC0100L 031S 091711S072	SBTC0100L 032S 091711S074	SBTC0100L 034S 091711S071	SBTC0100L 035S 091711S010	SBTC0100L 035S 091711S078	SBTC0100L 036S 091711S010	SBTC0100L 036S 091711S076	SBTC0100L 037S 091711S005	SBTC0100L037S091711S005-SPLIT	SBTC0100L 037S 091711S079
	Depth	7.4 - 7.9 ft	7.4 - 7.9 ft	0 - 1 ft	7 - 7.4 ft	6.7 - 7.2 ft	6.9 - 7.4 ft	6.6 - 7.1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.5 ft	0 - 0.5 ft	7.4 - 7.9 ft
	USCS Code	SW	SW	CL	SW	SM	SP	CL	OL	CL	OL	CL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result
Acetone	ug/kg	< 1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1500	< 1000	< 1000	< 1000	< 1200	< 2000	< 3700	< 1000
Acrylonitrile	ug/kg	< 100	< 310	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 920	< 100
Benzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Bromobenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Bromochloromethane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Bromodichloromethane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Bromoform	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Bromomethane	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 730	< 200
Carbon disulfide	ug/kg	< 250	< 62	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 180	< 250
Carbon tetrachloride	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Chlorobenzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Chloroethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 580	< 250	< 250	< 270	< 480	< 810	< 920	< 250
Chloroform	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Chloromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Cyclohexane	ug/kg	< 500	< 310	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 920	< 500
Dibromochloromethane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Dibromochloropropane	ug/kg	< 40	< 310	< 64	< 44	< 40	< 46	< 170	< 67	< 49	< 82	< 140	< 240	< 920	< 69
Dibromomethane	ug/kg	< 250	< 62	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 180	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
Diethyl ether	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 730	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
Ethylbenzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Ethylene dibromide	ug/kg	< 40	< 62	< 64	< 44	< 40	< 46	< 170	< 67	< 49	< 82	< 140	< 240	< 180	< 69
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
Hexachloroethane	ug/kg	< 300	< 310	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 920	< 300
Isopropyl benzene	ug/kg	< 250	< 62	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 180	< 250
m&p-Xylene	ug/kg	< 100	< 120	< 130	< 100	< 100	< 100	< 350	< 130	< 100	< 160	< 290	< 490	< 370	< 140
Methyl Iodide	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Methylene chloride	ug/kg	< 100	< 120	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 370	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 62	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 180	< 250
Naphthalene	ug/kg	< 330	< 310	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 480	< 810	< 920	< 330
n-Butylbenzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
n-Propylbenzene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
o-Xylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69

	Date \ Time Collected	9/17/2011 11:40 AM	9/17/2011 11:40 AM	9/17/2011 1:05 PM	9/17/2011 1:20 PM	9/17/2011 1:20 PM	9/17/2011 4:10 PM	9/17/2011 2:05 PM	9/17/2011 9:40 AM	9/17/2011 9:59 AM	9/17/2011 4:00 PM	9/17/2011 4:24 PM	9/17/2011 2:28 PM	9/17/2011 2:28 PM	9/17/2011 2:49 PM
	Location	SBTC0100L 029	SBTC0100L 029	SBTC0100L 030	SBTC0100L 030	SBTC0100L 031	SBTC0100L 032	SBTC0100L 034	SBTC0100L 035	SBTC0100L 035	SBTC0100L 036	SBTC0100L 036	SBTC0100L 037	SBTC0100L 037	SBTC0100L 037
	Sample	SBTC0100L 029S 091711S079	SBTC0100L029S091711S079-split	SBTC0100L 030S 091711S010	SBTC0100L 030S 091711S074	SBTC0100L 031S 091711S072	SBTC0100L 032S 091711S074	SBTC0100L 034S 091711S071	SBTC0100L 035S 091711S010	SBTC0100L 035S 091711S078	SBTC0100L 036S 091711S010	SBTC0100L 036S 091711S076	SBTC0100L 037S 091711S005	SBTC0100L037S091711S005-SPLIT	SBTC0100L 037S 091711S079
	Depth	7.4 - 7.9 ft	7.4 - 7.9 ft	0 - 1 ft	7 - 7.4 ft	6.7 - 7.2 ft	6.9 - 7.4 ft	6.6 - 7.1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 1 ft	7.1 - 7.6 ft	0 - 0.5 ft	0 - 0.5 ft	7.4 - 7.9 ft
	USCS Code	SW	SW	CL	SW	SM	SP	CL	OL	CL	OL	CL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
sec-Butylbenzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Styrene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 920	< 250
t-Butyl alcohol	ug/kg	< 2500	< 3100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 9200	< 2500
t-Butylbenzene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Tetrachloroethylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Tetrahydrofuran	ug/kg	< 1000	< 310	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 920	< 1000
Toluene	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Trichloroethylene	ug/kg	< 50	< 62	< 64	< 50	< 50	< 50	< 170	< 67	< 50	< 82	< 140	< 240	< 180	< 69
Trichlorofluoromethane	ug/kg	< 100	< 62	< 100	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 140	< 240	< 180	< 100
Vinyl chloride	ug/kg	< 40	< 62	< 64	< 44	< 40	< 46	< 170	< 67	< 49	< 82	< 140	< 240	< 180	< 69
Xylenes	ug/kg	< 100	---	< 130	< 100	< 100	< 100	< 350	< 130	< 100	< 160	< 290	< 490	---	< 140

	Date \ Time Collected	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 9:45 AM	9/19/2011 10:15 AM	9/19/2011 9:45 AM	9/19/2011 10:58 AM	9/22/2011 3:50 PM	9/22/2011 3:50 PM	9/19/2011 11:35 AM	9/19/2011 2:26 PM	9/19/2011 2:47 PM	9/19/2011 3:05 PM	9/19/2011 4:20 PM	9/19/2011 4:50 PM	9/19/2011 4:05 PM
	Location	SBTC0100L 038	SBTC0100L 038	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 047	SBTC0100L 047	SBTC0100L 048	SBTC0100L 049	SBTC0100L 050	SBTC0100L 052
	Sample	SBTC0100L 038S 091911S071	SBTC0100L 038D 091911S071	SBTC0100L 040S 091911S002	SBTC0100L 040S 091911S070	SBTC0100L040S091911S070-SPLIT	SBTC0100L 042S 091911S067	SBTC0100L 044BS 092211S067	SBTC0100L044BS092211S067-split	SBTC0100L 046S 091911S077	SBTC0100L 047S 091911S006	SBTC0100L 047S 091911S070	SBTC0100L 048S 091911S078	SBTC0100L 049S 091911S079	SBTC0100L 050S 091911S079	SBTC0100L 052S 091911S075
	Depth	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.15 ft	6.5 - 7 ft	6.5 - 7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7.5 - 7.7 ft	0 - 0.6 ft	6.5 - 7 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.3 - 7.9 ft	7 - 7.5 ft
	USCS Code	OL	OL	OL	ML	ML	ML	OL	OL	OL	OL	ML	ML	ML	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	**150**	---	---	**19**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	**67**	---	---	**82**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	**0.30**	< 0.50	< 0.50	< 0.2	**0.55**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	< 0.2	---	---	< 0.2	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**5.9**	---	---	**6.2**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	**5.8**	---	---	**6.0**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	**64000**	---	---	**36000**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	**3.6**	---	---	**4.1**	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.05	---	---	< 0.05	---	---	---	---	---	---	---
Molybdenum	mg/kg	**22**	**18**	**6.1**	**26**	**20**	**24**	**15**	**16**	**46**	**2.0**	**4.8**	**15**	**25**	**36**	**8.0**
Nickel	mg/kg	**12**	**8.6**	**9.7**	**10**	**9.4**	**8.2**	**8.7**	**10**	**8.6**	**8.7**	**9.9**	**10**	**3.3**	**6.0**	**5.3**
Selenium	mg/kg	---	---	---	---	**0.39**	---	---	**0.45**	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**19**	**13**	**14**	**18**	**12**	**20**	**11**	**10**	**15**	**12**	**4.6**	**14**	**3.5**	**7.1**	**6.3**
Zinc	mg/kg	---	---	---	---	**23**	---	---	**24**	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 870	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 650	< 330	< 330	< 690	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 350	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 9:45 AM	9/19/2011 10:15 AM	9/19/2011 9:45 AM	9/19/2011 10:58 AM	9/22/2011 3:50 PM	9/22/2011 3:50 PM	9/19/2011 11:35 AM	9/19/2011 2:26 PM	9/19/2011 2:47 PM	9/19/2011 3:05 PM	9/19/2011 4:20 PM	9/19/2011 4:50 PM	9/19/2011 4:05 PM
	Location	SBTC0100L 038	SBTC0100L 038	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 047	SBTC0100L 047	SBTC0100L 048	SBTC0100L 049	SBTC0100L 050	SBTC0100L 052
	Sample	SBTC0100L 038S 091911S071	SBTC0100L 038D 091911S071	SBTC0100L 040S 091911S002	SBTC0100L 040S 091911S070	SBTC0100L040S091911S070-SPLIT	SBTC0100L 042S 091911S067	SBTC0100L 044BS 092211S067	SBTC0100L044BS092211S067-split	SBTC0100L 046S 091911S077	SBTC0100L 047S 091911S006	SBTC0100L 047S 091911S070	SBTC0100L 048S 091911S078	SBTC0100L 049S 091911S079	SBTC0100L 050S 091911S079	SBTC0100L 052S 091911S075
	Depth	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.15 ft	6.5 - 7 ft	6.5 - 7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7.5 - 7.7 ft	0 - 0.6 ft	6.5 - 7 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.3 - 7.9 ft	7 - 7.5 ft
	USCS Code	OL	OL	OL	ML	ML	ML	OL	OL	OL	OL	ML	ML	ML	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**44**	**42**	**60**	**41**	---	**47**	**42**	---	**50**	**57**	**58**	**47**	**50**	**52**	**53**
Solids	%	---	---	---	---	**62.0**	---	---	**57.7**	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**7.6**	**5.8**	**8.7**	< 4.1	---	**4.9**	< 4.3	---	**7.8**	**14**	**8.5**	**6.2**	**5.5**	**9.0**	**7.5**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 40000	---	---	< 43000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 11000	---	---	< 12000	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**17**	**6.1**	**35**	**15**	---	**13**	**26**	---	**7.6**	**21**	**13**	**5.5**	< 4.9	**16**	**17**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 160000	---	---	< 170000	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,1,1-Trichloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,1,2,2-Tetrachloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,1,2-Trichloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,1-Dichloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,1-Dichloroethylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 310	< 250	< 110	< 250	< 250	< 120	< 250	< 270	< 270	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,2-Dichlorobenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,2-Dichloroethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,2-Dichloropropane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,3,5-Trimethylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,3-Dichlorobenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
1,3-Dichloropropene, cis	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,3-Dichloropropene, trans	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,4-Dichloro-2-butene, trans	ug/kg	< 150	< 130	< 310	< 120	< 570	< 160	< 130	< 600	< 180	< 270	< 270	< 160	< 180	< 200	< 63
1,4-Dichlorobenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 1000	< 750	< 570	< 750	< 750	< 600	< 750	< 890	< 890	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 570	< 2500	< 2500	< 600	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 500	< 420	< 1000	< 400	< 570	< 520	< 420	< 600	< 610	< 890	< 890	< 520	< 590	< 670	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 570	< 2500	< 2500	< 600	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

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	Location	SBTC0100L 038	SBTC0100L 038	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 047	SBTC0100L 047	SBTC0100L 048	SBTC0100L 049	SBTC0100L 050	SBTC0100L 052
	Sample	SBTC0100L 038S 091911S071	SBTC0100L 038D 091911S071	SBTC0100L 040S 091911S002	SBTC0100L 040S 091911S070	SBTC0100L040S091911S070-SPLIT	SBTC0100L 042S 091911S067	SBTC0100L 044BS 092211S067	SBTC0100L044BS092211S067-split	SBTC0100L 046S 091911S077	SBTC0100L 047S 091911S006	SBTC0100L 047S 091911S070	SBTC0100L 048S 091911S078	SBTC0100L 049S 091911S079	SBTC0100L 050S 091911S079	SBTC0100L 052S 091911S075
	Depth	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.15 ft	6.5 - 7 ft	6.5 - 7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7.5 - 7.7 ft	0 - 0.6 ft	6.5 - 7 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.3 - 7.9 ft	7 - 7.5 ft
	USCS Code	OL	OL	OL	ML	ML	ML	OL	OL	OL	OL	ML	ML	ML	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1300	< 1100	< 2600	< 1000	< 2300	< 1300	< 1100	< 2400	< 1500	< 2200	< 2200	< 1300	< 1500	< 1700	< 1000
Acrylonitrile	ug/kg	< 150	< 130	< 310	< 120	< 570	< 160	< 130	< 600	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Benzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Bromobenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Bromochloromethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Bromodichloromethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Bromoform	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Bromomethane	ug/kg	< 200	< 200	< 310	< 200	< 450	< 200	< 200	< 480	< 200	< 270	< 270	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 310	< 250	< 110	< 250	< 250	< 120	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Chlorobenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Chloroethane	ug/kg	< 500	< 420	< 1000	< 400	< 570	< 520	< 420	< 600	< 610	< 890	< 890	< 520	< 590	< 670	< 250
Chloroform	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Chloromethane	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 570	< 500	< 500	< 600	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Dibromochloropropane	ug/kg	< 150	< 130	< 310	< 120	< 570	< 160	< 130	< 600	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Dibromomethane	ug/kg	< 250	< 250	< 310	< 250	< 110	< 250	< 250	< 120	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 310	< 200	< 450	< 200	< 200	< 480	< 200	< 270	< 270	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Ethylene dibromide	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 310	< 300	< 570	< 300	< 300	< 600	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 310	< 250	< 110	< 250	< 250	< 120	< 250	< 270	< 270	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 300	< 250	< 630	< 240	< 230	< 310	< 250	< 240	< 370	< 540	< 530	< 310	< 360	< 400	< 130
Methyl Iodide	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Methylene chloride	ug/kg	< 150	< 130	< 310	< 120	< 230	< 160	< 130	< 240	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 310	< 250	< 110	< 250	< 250	< 120	< 250	< 270	< 270	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 500	< 420	< 1000	< 400	< 570	< 520	< 420	< 600	< 610	< 890	< 890	< 520	< 590	< 670	< 330
n-Butylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
n-Propylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
o-Xylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 9:45 AM	9/19/2011 10:15 AM	9/19/2011 9:45 AM	9/19/2011 10:58 AM	9/22/2011 3:50 PM	9/22/2011 3:50 PM	9/19/2011 11:35 AM	9/19/2011 2:26 PM	9/19/2011 2:47 PM	9/19/2011 3:05 PM	9/19/2011 4:20 PM	9/19/2011 4:50 PM	9/19/2011 4:05 PM
	Location	SBTC0100L 038	SBTC0100L 038	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040	SBTC0100L 042	SBTC0100L 044B	SBTC0100L 044B	SBTC0100L 046	SBTC0100L 047	SBTC0100L 047	SBTC0100L 048	SBTC0100L 049	SBTC0100L 050	SBTC0100L 052
	Sample	SBTC0100L 038S 091911S071	SBTC0100L 038D 091911S071	SBTC0100L 040S 091911S002	SBTC0100L 040S 091911S070	SBTC0100L040S091911S070-SPLIT	SBTC0100L 042S 091911S067	SBTC0100L 044BS 092211S067	SBTC0100L044BS092211S067-split	SBTC0100L 046S 091911S077	SBTC0100L 047S 091911S006	SBTC0100L 047S 091911S070	SBTC0100L 048S 091911S078	SBTC0100L 049S 091911S079	SBTC0100L 050S 091911S079	SBTC0100L 052S 091911S075
	Depth	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.15 ft	6.5 - 7 ft	6.5 - 7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7.5 - 7.7 ft	0 - 0.6 ft	6.5 - 7 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.3 - 7.9 ft	7 - 7.5 ft
	USCS Code	OL	OL	OL	ML	ML	ML	OL	OL	OL	OL	ML	ML	ML	OL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
sec-Butylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Styrene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 310	< 250	< 570	< 250	< 250	< 600	< 250	< 270	< 270	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 5700	< 2500	< 2500	< 6000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Tetrachloroethylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 570	< 1000	< 1000	< 600	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
trans-1,2-Dichloroethylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Trichloroethylene	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Trichlorofluoromethane	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 100
Vinyl chloride	ug/kg	< 150	< 130	< 310	< 120	< 110	< 160	< 130	< 120	< 180	< 270	< 270	< 160	< 180	< 200	< 63
Xylenes	ug/kg	< 300	< 250	< 630	< 240	---	< 310	< 250	---	< 370	< 540	< 530	< 310	< 360	< 400	< 130

	Date \ Time Collected	9/19/2011 2:55 PM	9/19/2011 3:10 PM	9/19/2011 3:45 PM	9/19/2011 4:40 PM	9/19/2011 4:40 PM	9/19/2011 4:25 PM	9/19/2011 4:40 PM	9/23/2011 10:45 AM	9/20/2011 11:50 AM	9/20/2011 10:15 AM	9/20/2011 10:30 AM	9/20/2011 11:05 AM	9/20/2011 11:05 AM
	Location	SBTC0100L 053	SBTC0100L 053	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 056	SBTC0100L 056	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 061	SBTC0100L 061	SBTC0100L 062	SBTC0100L 062
	Sample	SBTC0100L 053S 091911S009	SBTC0100L 053S 091911S077	SBTC0100L 054S 091911S079	SBTC0100L 055S 091911S072	SBTC0100L055S091911S072-SPLIT	SBTC0100L 056S 091911S010	SBTC0100L 056S 091911S073	SBTC0100L 058BS 092311S077	SBTC0100L 060S 092011S069	SBTC0100L 061S 092011S010	SBTC0100L 061S 092011S066	SBTC0100L 062S 092011S065	SBTC0100L062S092011S065-split
	Depth	0 - 0.9 ft	7.2 - 7.7 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	6.7 - 7.2 ft	2.3 - 2.8 ft	7 - 7.3 ft	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	6.1 - 6.6 ft	6 - 6.5 ft	6 - 6.5 ft
	USCS Code	OL	ML	ML	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Split
Metals														
Arsenic	mg/kg	---	---	---	---	**20**	---	---	---	---	---	---	---	**36**
Barium	mg/kg	---	---	---	---	**250**	---	---	---	---	---	---	---	**150**
Beryllium	mg/kg	< 1.3	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 1.1	< 1.0	< 0.78	< 0.2
Cadmium	mg/kg	---	---	---	---	< 0.2	---	---	---	---	---	---	---	**0.46**
Chromium (Total)	mg/kg	---	---	---	---	**3.2**	---	---	---	---	---	---	---	**4.3**
Copper	mg/kg	---	---	---	---	**3.9**	---	---	---	---	---	---	---	**5.5**
Iron	mg/kg	---	---	---	---	**13000**	---	---	---	---	---	---	---	**48000**
Lead	mg/kg	---	---	---	---	**1.5**	---	---	---	---	---	---	---	**2.7**
Mercury (Total)	mg/kg	---	---	---	---	< 0.12	---	---	---	---	---	---	---	< 0.25
Molybdenum	mg/kg	**5.5**	**9.3**	**4.9**	**4.2**	**4.4**	**5.3**	**1.9**	**6.4**	**2.5**	**6.2**	**4.0**	**4.5**	**4.7**
Nickel	mg/kg	**5.5**	**5.4**	**5.8**	**4.2**	**10**	**12**	**6.1**	**7.2**	**7.1**	**3.2**	**7.1**	**6.4**	**6.5**
Selenium	mg/kg	---	---	---	---	**0.45**	---	---	---	---	---	---	---	**1.3**
Silver	mg/kg	---	---	---	---	< 0.1	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**7.6**	**6.2**	**7.1**	**5.1**	**5.2**	**20**	**8.8**	**2.0**	**9.2**	**3.6**	**9.4**	**5.7**	**6.3**
Zinc	mg/kg	---	---	---	---	**15**	---	---	---	---	---	---	---	**31**
PNA														
2-Methylnaphthalene	ug/kg	< 450	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 390	< 390	< 340	< 24000
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 19000
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 9700

	Date \ Time Collected	9/19/2011 2:55 PM	9/19/2011 3:10 PM	9/19/2011 3:45 PM	9/19/2011 4:40 PM	9/19/2011 4:40 PM	9/19/2011 4:25 PM	9/19/2011 4:40 PM	9/23/2011 10:45 AM	9/20/2011 11:50 AM	9/20/2011 10:15 AM	9/20/2011 10:30 AM	9/20/2011 11:05 AM	9/20/2011 11:05 AM
	Location	SBTC0100L 053	SBTC0100L 053	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 056	SBTC0100L 056	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 061	SBTC0100L 061	SBTC0100L 062	SBTC0100L 062
	Sample	SBTC0100L 053S 091911S009	SBTC0100L 053S 091911S077	SBTC0100L 054S 091911S079	SBTC0100L 055S 091911S072	SBTC0100L055S091911S072-SPLIT	SBTC0100L 056S 091911S010	SBTC0100L 056S 091911S073	SBTC0100L 058BS 092311S077	SBTC0100L 060S 092011S069	SBTC0100L 061S 092011S010	SBTC0100L 061S 092011S066	SBTC0100L 062S 092011S065	SBTC0100L062S092011S065-split
	Depth	0 - 0.9 ft	7.2 - 7.7 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	6.7 - 7.2 ft	2.3 - 2.8 ft	7 - 7.3 ft	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	6.1 - 6.6 ft	6 - 6.5 ft	6 - 6.5 ft
	USCS Code	OL	ML	ML	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Split
Solids														
Moisture	%	**83**	**53**	**56**	**54**	---	**62**	**58**	**50**	**65**	**79**	**80**	**77**	---
Solids	%	---	---	---	---	**46.3**	---	---	---	---	---	---	---	**20.6**
TPH														
Diesel Range Organics (C10-C20)	mg/kg	**27**	**5.9**	< 5.6	**6.5**	---	**10**	**7.2**	< 4.9	**8.4**	**14**	**19**	**21**	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 54000	---	---	---	---	---	---	---	< 120000
Gasoline Range Organics (C6-C10)	mg/kg	< 5.7	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.8	< 5.0	< 4.3	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 17000	---	---	---	---	---	---	---	< 43000
Oil Range Organics (C20-C34)	mg/kg	**56**	**12**	**19**	**6.9**	---	**33**	**10**	**22**	**35**	**40**	**30**	**61**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 220000	---	---	---	---	---	---	---	**650000**
VOC														
1,1,1,2-Tetrachloroethane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,1,1-Trichloroethane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,1,2,2-Tetrachloroethane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,1,2-Trichloroethane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,1-Dichloroethane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,1-Dichloroethylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
1,2,3-Trichloropropane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 430
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
1,2,4-Trimethylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,2-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,2-Dichloroethane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,2-Dichloropropane	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,3,5-Trimethylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,3-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
1,3-Dichloropropene, cis	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,3-Dichloropropene, trans	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
1,4-Dichloro-2-butene, trans	ug/kg	< 170	< 64	< 68	< 66	< 860	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 2200
1,4-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 860	< 750	< 750	< 750	< 1300	< 4100	< 4600	< 3300	< 2200
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 860	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2200
2-Methylnaphthalene	ug/kg	< 570	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 1300	< 4100	< 4600	< 3300	< 2200
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 860	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2200

	Date \ Time Collected	9/19/2011 2:55 PM	9/19/2011 3:10 PM	9/19/2011 3:45 PM	9/19/2011 4:40 PM	9/19/2011 4:40 PM	9/19/2011 4:25 PM	9/19/2011 4:40 PM	9/23/2011 10:45 AM	9/20/2011 11:50 AM	9/20/2011 10:15 AM	9/20/2011 10:30 AM	9/20/2011 11:05 AM	9/20/2011 11:05 AM
	Location	SBTC0100L 053	SBTC0100L 053	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 056	SBTC0100L 056	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 061	SBTC0100L 061	SBTC0100L 062	SBTC0100L 062
	Sample	SBTC0100L 053S 091911S009	SBTC0100L 053S 091911S077	SBTC0100L 054S 091911S079	SBTC0100L 055S 091911S072	SBTC0100L055S091911S072-SPLIT	SBTC0100L 056S 091911S010	SBTC0100L 056S 091911S073	SBTC0100L 058BS 092311S077	SBTC0100L 060S 092011S069	SBTC0100L 061S 092011S010	SBTC0100L 061S 092011S066	SBTC0100L 062S 092011S065	SBTC0100L062S092011S065-split
	Depth	0 - 0.9 ft	7.2 - 7.7 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	6.7 - 7.2 ft	2.3 - 2.8 ft	7 - 7.3 ft	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	6.1 - 6.6 ft	6 - 6.5 ft	6 - 6.5 ft
	USCS Code	OL	ML	ML	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Split
Acetone	ug/kg	< 1500	< 1000	< 1000	< 1000	< 3400	< 1000	< 1000	< 1000	< 3300	< 10000	< 11000	< 8300	< 8700
Acrylonitrile	ug/kg	< 170	< 100	< 100	< 100	< 860	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 2200
Benzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Bromobenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Bromochloromethane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Bromodichloromethane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Bromoform	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 690	< 200	< 200	< 200	< 400	< 1200	< 1400	< 1000	< 1700
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 430
Carbon tetrachloride	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Chlorobenzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Chloroethane	ug/kg	< 570	< 250	< 250	< 250	< 860	< 270	< 250	< 250	< 1300	< 4100	< 4600	< 3300	< 2200
Chloroform	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
cis-1,2-Dichloroethylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 860	< 500	< 500	< 500	< 500	< 1200	< 1400	< 1000	< 2200
Dibromochloromethane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Dibromochloropropane	ug/kg	< 170	< 64	< 68	< 66	< 860	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 2200
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 430
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 690	< 200	< 200	< 200	< 400	< 1200	< 1400	< 1000	< 1700
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
Ethylbenzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Ethylene dibromide	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 860	< 300	< 300	< 300	< 400	< 1200	< 1400	< 1000	< 2200
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 430
m&p-Xylene	ug/kg	< 340	< 130	< 140	< 130	< 340	< 160	< 140	< 120	< 800	< 2500	< 2700	< 2000	< 870
Methyl Iodide	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Methylene chloride	ug/kg	< 170	< 100	< 100	< 100	< 340	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 870
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 170	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 430
Naphthalene	ug/kg	< 570	< 330	< 330	< 330	< 860	< 330	< 330	< 330	< 1300	< 4100	< 4600	< 3300	< 2200
n-Butylbenzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
n-Propylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
o-Xylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430

	Date \ Time Collected	9/19/2011 2:55 PM	9/19/2011 3:10 PM	9/19/2011 3:45 PM	9/19/2011 4:40 PM	9/19/2011 4:40 PM	9/19/2011 4:25 PM	9/19/2011 4:40 PM	9/23/2011 10:45 AM	9/20/2011 11:50 AM	9/20/2011 10:15 AM	9/20/2011 10:30 AM	9/20/2011 11:05 AM	9/20/2011 11:05 AM
	Location	SBTC0100L 053	SBTC0100L 053	SBTC0100L 054	SBTC0100L 055	SBTC0100L 055	SBTC0100L 056	SBTC0100L 056	SBTC0100L 058B	SBTC0100L 060	SBTC0100L 061	SBTC0100L 061	SBTC0100L 062	SBTC0100L 062
	Sample	SBTC0100L 053S 091911S009	SBTC0100L 053S 091911S077	SBTC0100L 054S 091911S079	SBTC0100L 055S 091911S072	SBTC0100L055S091911S072-SPLIT	SBTC0100L 056S 091911S010	SBTC0100L 056S 091911S073	SBTC0100L 058BS 092311S077	SBTC0100L 060S 092011S069	SBTC0100L 061S 092011S010	SBTC0100L 061S 092011S066	SBTC0100L 062S 092011S065	SBTC0100L062S092011S065-split
	Depth	0 - 0.9 ft	7.2 - 7.7 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	6.7 - 7.2 ft	2.3 - 2.8 ft	7 - 7.3 ft	7.2 - 7.7 ft	6.4 - 6.9 ft	0 - 1 ft	6.1 - 6.6 ft	6 - 6.5 ft	6 - 6.5 ft
	USCS Code	OL	ML	ML	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Split
p-Isopropyl toluene (p-Cymene)	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
sec-Butylbenzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Styrene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 860	< 250	< 250	< 250	< 400	< 1200	< 1400	< 1000	< 2200
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 8600	< 2500	< 2500	< 2500	< 2500	< 4100	< 4600	< 3300	< 22000
t-Butylbenzene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Tetrachloroethylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 860	< 1000	< 1000	< 1000	< 1300	< 4100	< 4600	< 3300	< 2200
Toluene	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
trans-1,2-Dichloroethylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Trichloroethylene	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Trichlorofluoromethane	ug/kg	< 170	< 100	< 100	< 100	< 170	< 100	< 100	< 100	< 400	< 1200	< 1400	< 1000	< 430
Vinyl chloride	ug/kg	< 170	< 64	< 68	< 66	< 170	< 81	< 71	< 60	< 400	< 1200	< 1400	< 1000	< 430
Xylenes	ug/kg	< 340	< 130	< 140	< 130	---	< 160	< 140	< 120	< 800	< 2500	< 2700	< 2000	---

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:50 AM	9/23/2011 12:30 PM	9/20/2011 12:00 PM	9/20/2011 1:10 PM	9/23/2011 2:25 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM	9/23/2011 3:00 PM	9/23/2011 2:45 PM	9/23/2011 3:45 PM	9/23/2011 3:20 PM	9/23/2011 3:20 PM
	Location	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 064B	SBTC0100L 066	SBTC0100L 066	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068	SBTC0100L 069	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 072
	Sample	SBTC0100L 063S 092011S010	SBTC0100L 063D 092011S010	SBTC0100L063S092011S010-split	SBTC0100L 063S 092011S080	SBTC0100L 064BS 092311S064	SBTC0100L 066S 092011S010	SBTC0100L 066S 092011S080	SBTC0100L 067S 092311S076	SBTC0100L 068S 092311S074	SBTC0100L 068D 092311S074	SBTC0100L 069S 092311S077	SBTC0100L 070S 092311S077	SBTC0100L 071S 092311S078	SBTC0100L 072S 092311S077	SBTC0100L072S092311S071-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft	5.9 - 6.4 ft	0 - 1 ft	7.5 - 8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.3 - 7.8 ft	7.2 - 7.7 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split
Metals																
Arsenic	mg/kg	---	---	**22**	---	---	---	---	---	---	---	---	---	---	---	**8.4**
Barium	mg/kg	---	---	**130**	---	---	---	---	---	---	---	---	---	---	---	**170**
Beryllium	mg/kg	< 0.50	< 0.55	**0.37**	< 0.50	< 0.58	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2
Cadmium	mg/kg	---	---	**0.74**	---	---	---	---	---	---	---	---	---	---	---	< 0.2
Chromium (Total)	mg/kg	---	---	**7.4**	---	---	---	---	---	---	---	---	---	---	---	< 2
Copper	mg/kg	---	---	**33**	---	---	---	---	---	---	---	---	---	---	---	< 1
Iron	mg/kg	---	---	**25000**	---	---	---	---	---	---	---	---	---	---	---	**9200**
Lead	mg/kg	---	---	**11**	---	---	---	---	---	---	---	---	---	---	---	< 1
Mercury (Total)	mg/kg	---	---	< 0.15	---	---	---	---	---	---	---	---	---	---	---	< 0.15
Molybdenum	mg/kg	**4.9**	**4.9**	**5.1**	**1.3**	**2.0**	**4.8**	< 1.0	**1.4**	< 1.0	< 1.0	**1.4**	**1.6**	**1.3**	**1.4**	**1.6**
Nickel	mg/kg	**9.4**	**9.6**	**11**	**8.6**	**5.6**	**6.6**	**1.5**	**1.1**	**1.3**	**1.1**	< 1.0	**1.3**	< 1.0	**5.5**	**5.5**
Selenium	mg/kg	---	---	**2.0**	---	---	---	---	---	---	---	---	---	---	---	< 0.2
Silver	mg/kg	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**14**	**15**	**15**	**10**	**5.0**	**9.5**	< 1.0	< 1.0	**1.4**	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1
Zinc	mg/kg	---	---	**29**	---	---	---	---	---	---	---	---	---	---	---	**2.9**
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 1400	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1200
Acenaphthene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Acenaphthylene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Anthracene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Benzo(a)anthracene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Benzo(a)pyrene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Chrysene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Fluoranthene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Fluorene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 960
Naphthalene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Phenanthrene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480
Pyrene	ug/kg	< 330	< 330	< 560	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 480

	Date \ Time Collected	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:50 AM	9/23/2011 12:30 PM	9/20/2011 12:00 PM	9/20/2011 1:10 PM	9/23/2011 2:25 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM	9/23/2011 3:00 PM	9/23/2011 2:45 PM	9/23/2011 3:45 PM	9/23/2011 3:20 PM	9/23/2011 3:20 PM
	Location	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 064B	SBTC0100L 066	SBTC0100L 066	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068	SBTC0100L 069	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 072
	Sample	SBTC0100L 063S 092011S010	SBTC0100L 063D 092011S010	SBTC0100L063S092011S010-split	SBTC0100L 063S 092011S080	SBTC0100L 064BS 092311S064	SBTC0100L 066S 092011S010	SBTC0100L 066S 092011S080	SBTC0100L 067S 092311S076	SBTC0100L 068S 092311S074	SBTC0100L 068D 092311S074	SBTC0100L 069S 092311S077	SBTC0100L 070S 092311S077	SBTC0100L 071S 092311S078	SBTC0100L 072S 092311S077	SBTC0100L072S092311S071-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft	5.9 - 6.4 ft	0 - 1 ft	7.5 - 8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.3 - 7.8 ft	7.2 - 7.7 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split
Solids																
Moisture	%	**63**	**61**	---	**59**	**71**	**57**	**64**	**58**	**59**	**54**	**59**	**63**	**62**	**58**	---
Solids	%	---	---	**35.4**	---	---	---	---	---	---	---	---	---	---	---	**41.7**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**9.5**	**12**	---	**8.9**	**8.5**	**9.7**	**10**	< 5.8	< 6.0	< 5.4	< 6.0	< 6.8	< 6.6	< 6.0	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	**130000**	---	---	---	---	---	---	---	---	---	---	---	< 60000
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 23000	---	---	---	---	---	---	---	---	---	---	---	< 19000
Oil Range Organics (C20-C34)	mg/kg	**23**	**43**	---	**34**	**61**	**19**	**20**	**6.6**	**23**	**18**	**32**	**24**	**11**	**23**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	**700000**	---	---	---	---	---	---	---	---	---	---	---	< 240000
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,1,1-Trichloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,1,2,2-Tetrachloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,1,2-Trichloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,1-Dichloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,1-Dichloroethylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,2,3-Trichlorobenzene	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
1,2,3-Trichloropropane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,2,3-Trimethylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 190
1,2,4-Trichlorobenzene	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
1,2,4-Trimethylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,2-Dichlorobenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,2-Dichloroethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,2-Dichloropropane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,3,5-Trimethylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,3-Dichlorobenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,3-Dichloropropene, cis	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,3-Dichloropropene, trans	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
1,4-Dichloro-2-butene, trans	ug/kg	< 360	< 320	< 1200	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 950
1,4-Dichlorobenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
2-Butanone (MEK)	ug/kg	< 1200	< 1100	< 1200	< 950	< 750	< 850	< 1300	< 890	< 940	< 750	< 940	< 1200	< 1100	< 900	< 950
2-Hexanone	ug/kg	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 950
2-Methylnaphthalene	ug/kg	< 1200	< 1100	< 1200	< 950	< 350	< 850	< 1300	< 890	< 940	< 730	< 940	< 1200	< 1100	< 900	< 950
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 950

	Date \ Time Collected	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:50 AM	9/23/2011 12:30 PM	9/20/2011 12:00 PM	9/20/2011 1:10 PM	9/23/2011 2:25 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM	9/23/2011 3:00 PM	9/23/2011 2:45 PM	9/23/2011 3:45 PM	9/23/2011 3:20 PM	9/23/2011 3:20 PM
	Location	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 064B	SBTC0100L 066	SBTC0100L 066	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068	SBTC0100L 069	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 072
	Sample	SBTC0100L 063S 092011S010	SBTC0100L 063D 092011S010	SBTC0100L063S092011S010-split	SBTC0100L 063S 092011S080	SBTC0100L 064BS 092311S064	SBTC0100L 066S 092011S010	SBTC0100L 066S 092011S080	SBTC0100L 067S 092311S076	SBTC0100L 068S 092311S074	SBTC0100L 068D 092311S074	SBTC0100L 069S 092311S077	SBTC0100L 070S 092311S077	SBTC0100L 071S 092311S078	SBTC0100L 072S 092311S077	SBTC0100L072S092311S071-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft	5.9 - 6.4 ft	0 - 1 ft	7.5 - 8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.3 - 7.8 ft	7.2 - 7.7 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split
Acetone	ug/kg	< 3000	< 2600	< 4600	< 2400	< 1000	< 2100	< 3200	< 2200	< 2300	< 1800	< 2300	< 3000	< 2800	< 2300	< 3800
Acrylonitrile	ug/kg	< 360	< 320	< 1200	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 950
Benzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Bromobenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Bromochloromethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Bromodichloromethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Bromoform	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Bromomethane	ug/kg	< 360	< 320	< 920	< 280	< 200	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 760
Carbon disulfide	ug/kg	< 360	< 320	< 230	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 190
Carbon tetrachloride	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Chlorobenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Chloroethane	ug/kg	< 1200	< 1100	< 1200	< 950	< 350	< 850	< 1300	< 890	< 940	< 730	< 940	< 1200	< 1100	< 900	< 950
Chloroform	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Chloromethane	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
cis-1,2-Dichloroethylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Cyclohexane	ug/kg	< 500	< 500	< 1200	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 950
Dibromochloromethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Dibromochloropropane	ug/kg	< 360	< 320	< 1200	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 950
Dibromomethane	ug/kg	< 360	< 320	< 230	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 190
Dichlorodifluoromethane	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
Diethyl ether	ug/kg	< 360	< 320	< 920	< 280	< 200	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 760
Di-isopropyl ether (DIPE)	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
Ethylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Ethylene dibromide	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
Hexachloroethane	ug/kg	< 360	< 320	< 1200	< 300	< 300	< 300	< 380	< 300	< 300	< 300	< 300	< 360	< 340	< 300	< 950
Isopropyl benzene	ug/kg	< 360	< 320	< 230	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 190
m&p-Xylene	ug/kg	< 720	< 630	< 460	< 570	< 210	< 510	< 760	< 530	< 560	< 440	< 560	< 720	< 680	< 540	< 380
Methyl Iodide	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	**450**	< 280	< 360	< 340	< 270	< 190
Methylene chloride	ug/kg	< 360	< 320	< 460	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 380
Methyl-tert-butyl ether (MTBE)	ug/kg	< 360	< 320	< 230	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 190
Naphthalene	ug/kg	< 1200	< 1100	< 1200	< 950	< 350	< 850	< 1300	< 890	< 940	< 730	< 940	< 1200	< 1100	< 900	< 950
n-Butylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
n-Propylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
o-Xylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190

	Date \ Time Collected	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:30 AM	9/20/2011 11:50 AM	9/23/2011 12:30 PM	9/20/2011 12:00 PM	9/20/2011 1:10 PM	9/23/2011 2:25 PM	9/23/2011 2:00 PM	9/23/2011 2:00 PM	9/23/2011 3:00 PM	9/23/2011 2:45 PM	9/23/2011 3:45 PM	9/23/2011 3:20 PM	9/23/2011 3:20 PM
	Location	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 063	SBTC0100L 064B	SBTC0100L 066	SBTC0100L 066	SBTC0100L 067	SBTC0100L 068	SBTC0100L 068	SBTC0100L 069	SBTC0100L 070	SBTC0100L 071	SBTC0100L 072	SBTC0100L 072
	Sample	SBTC0100L 063S 092011S010	SBTC0100L 063D 092011S010	SBTC0100L063S092011S010-split	SBTC0100L 063S 092011S080	SBTC0100L 064BS 092311S064	SBTC0100L 066S 092011S010	SBTC0100L 066S 092011S080	SBTC0100L 067S 092311S076	SBTC0100L 068S 092311S074	SBTC0100L 068D 092311S074	SBTC0100L 069S 092311S077	SBTC0100L 070S 092311S077	SBTC0100L 071S 092311S078	SBTC0100L 072S 092311S077	SBTC0100L072S092311S071-split
	Depth	0 - 1 ft	0 - 1 ft	0 - 1 ft	7.5 - 8 ft	5.9 - 6.4 ft	0 - 1 ft	7.5 - 8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.3 - 7.8 ft	7.2 - 7.7 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Split
p-Isopropyl toluene (p-Cymene)	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
sec-Butylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Styrene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
t-Amyl methyl ether (TAME)	ug/kg	< 360	< 320	< 1200	< 280	< 250	< 250	< 380	< 270	< 280	< 250	< 280	< 360	< 340	< 270	< 950
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 12000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 9500
t-Butylbenzene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Tetrachloroethylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Tetrahydrofuran	ug/kg	< 1200	< 1100	< 1200	< 1000	< 1000	< 1000	< 1300	< 1000	< 1000	< 1000	< 1000	< 1200	< 1100	< 1000	< 950
Toluene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
trans-1,2-Dichloroethylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Trichloroethylene	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Trichlorofluoromethane	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Vinyl chloride	ug/kg	< 360	< 320	< 230	< 280	< 100	< 250	< 380	< 270	< 280	< 220	< 280	< 360	< 340	< 270	< 190
Xylenes	ug/kg	< 720	< 630	---	< 570	< 210	< 510	< 760	< 530	< 560	< 440	< 560	< 720	< 680	< 540	---

	Date \ Time Collected	9/23/2011 4:45 PM	9/23/2011 4:45 PM	9/23/2011 4:10 PM	9/23/2011 4:10 PM	9/23/2011 4:25 PM	9/23/2011 5:20 PM	9/23/2011 5:20 PM	9/24/2011 9:00 AM	9/24/2011 9:00 AM	9/23/2011 6:00 PM	9/23/2011 6:00 PM	9/23/2011 6:05 PM	9/23/2011 5:45 PM	9/23/2011 5:45 PM	9/26/2011 9:45 AM
	Location	SBTC0100L 073	SBTC0100L 073	SBTC0100L 074	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 080A	SBTC0100L 080B
	Sample	SBTC0100L 073S 092311S072	SBTC0100L 073D 092311S072	SBTC0100L 074S 092311S065	SBTC0100L074S092311S065-split	SBTC0100L 076S 092311S075	SBTC0100L 078S 092311S078	SBTC0100L 078D 092311S078	SBTC0100L 078AS 092411S080	SBTC0100L078AS092411S080-split	SBTC0100L 080S 092311S005	SBTC0100L080S092311S005-split	SBTC0100L 080S 092311S065	SBTC0100L 080AS 092311S009	SBTC0100L 080AS 092311S077	SBTC0100L 080BS 092611S008
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 0.5 ft	0 - 0.5 ft	6 - 6.5 ft	0 - 0.9 ft	6.2 - 6.7 ft	0 - 0.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**18**	---	---	---	---	**24**	---	**21**	---	---	---	---
Barium	mg/kg	---	---	---	**190**	---	---	---	---	**300**	---	**110**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.2	**0.65**	< 0.58	< 0.50	**3.5**
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	---	< 0.2	---	< 0.2	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	< 2	---	---	---	---	< 2	---	**2.9**	---	---	---	---
Copper	mg/kg	---	---	---	**1.0**	---	---	---	---	**2.2**	---	**3.9**	---	---	---	---
Iron	mg/kg	---	---	---	**12000**	---	---	---	---	**13000**	---	**22000**	---	---	---	---
Lead	mg/kg	---	---	---	< 1	---	---	---	---	< 1	---	**1.6**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.15	---	---	---	---	< 0.15	---	< 0.15	---	---	---	---
Molybdenum	mg/kg	**3.0**	**3.0**	**1.8**	**2.4**	**2.6**	**14**	**9.5**	**5.6**	**7.8**	**1.8**	**2.1**	**22**	**4.6**	**8.1**	**22**
Nickel	mg/kg	**6.1**	**1.8**	**6.9**	**5.2**	**1.7**	**4.0**	**3.2**	**2.2**	**6.7**	**4.0**	**4.8**	**13**	**7.1**	**2.8**	**9.5**
Selenium	mg/kg	---	---	---	< 0.2	---	---	---	---	< 0.2	---	**0.44**	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	< 0.1	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**1.1**	**1.3**	**1.0**	< 1	**1.4**	**3.9**	**3.2**	**2.4**	**2.8**	**5.7**	**4.6**	**14**	**12**	**3.4**	**110**
Zinc	mg/kg	---	---	---	**5.7**	---	---	---	---	**7.4**	---	**13**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1300	< 330	< 330	< 330	< 330	< 11000	< 330	< 1200	< 330	< 330	< 330	< 450
Acenaphthene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 8400	< 330	< 980	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 330	< 4200	< 330	< 490	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/23/2011 4:45 PM	9/23/2011 4:45 PM	9/23/2011 4:10 PM	9/23/2011 4:10 PM	9/23/2011 4:25 PM	9/23/2011 5:20 PM	9/23/2011 5:20 PM	9/24/2011 9:00 AM	9/24/2011 9:00 AM	9/23/2011 6:00 PM	9/23/2011 6:00 PM	9/23/2011 6:05 PM	9/23/2011 5:45 PM	9/23/2011 5:45 PM	9/26/2011 9:45 AM
	Location	SBTC0100L 073	SBTC0100L 073	SBTC0100L 074	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 080A	SBTC0100L 080B
	Sample	SBTC0100L 073S 092311S072	SBTC0100L 073D 092311S072	SBTC0100L 074S 092311S065	SBTC0100L074S092311S065-split	SBTC0100L 076S 092311S075	SBTC0100L 078S 092311S078	SBTC0100L 078D 092311S078	SBTC0100L 078AS 092411S080	SBTC0100L078AS092411S080-split	SBTC0100L 080S 092311S005	SBTC0100L080S092311S005-split	SBTC0100L 080S 092311S065	SBTC0100L 080AS 092311S009	SBTC0100L 080AS 092311S077	SBTC0100L 080BS 092611S008
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 0.5 ft	0 - 0.5 ft	6 - 6.5 ft	0 - 0.9 ft	6.2 - 6.7 ft	0 - 0.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Solids																
Moisture	%	**59**	**59**	**62**	---	**62**	**50**	**49**	**53**	---	**59**	---	**57**	**72**	**51**	**82**
Solids	%	---	---	---	**39.0**	---	---	---	---	**47.4**	---	**40.8**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 6.1	**6.6**	< 6.5	---	< 6.3	< 5.0	< 4.8	< 5.3	---	< 6.1	---	< 5.7	< 8.9	< 5.0	**14**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 64000	---	---	---	---	< 53000	---	< 61000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 5.6
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 21000	---	---	---	---	< 16000	---	< 20000	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**52**	**39**	**33**	---	**34**	**18**	**22**	**21**	---	**20**	---	**8.8**	**46**	**22**	**74**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 260000	---	---	---	---	< 210000	---	< 250000	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,1,1-Trichloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,1,2,2-Tetrachloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,1,2-Trichloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,1-Dichloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,1-Dichloroethylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,2,3-Trichlorobenzene	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
1,2,3-Trichloropropane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,2,3-Trimethylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 250	< 250	< 250	< 160	< 290	< 200	< 260	< 660	< 250	< 1700
1,2,4-Trichlorobenzene	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
1,2,4-Trimethylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,2-Dichlorobenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,2-Dichloroethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,2-Dichloropropane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,3,5-Trimethylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,3-Dichlorobenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,3-Dichloropropene, cis	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,3-Dichloropropene, trans	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
1,4-Dichloro-2-butene, trans	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 180	< 170	< 210	< 790	< 290	< 980	< 260	< 660	< 190	< 1700
1,4-Dichlorobenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
2-Butanone (MEK)	ug/kg	< 950	< 940	< 1100	< 1000	< 1100	< 750	< 750	< 750	< 790	< 950	< 980	< 860	< 2200	< 750	< 5700
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 790	< 2500	< 980	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 950	< 940	< 1100	< 1000	< 1100	< 600	< 570	< 690	< 790	< 950	< 980	< 860	< 2200	< 620	< 5700
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 790	< 2500	< 980	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/23/2011 4:45 PM	9/23/2011 4:45 PM	9/23/2011 4:10 PM	9/23/2011 4:10 PM	9/23/2011 4:25 PM	9/23/2011 5:20 PM	9/23/2011 5:20 PM	9/24/2011 9:00 AM	9/24/2011 9:00 AM	9/23/2011 6:00 PM	9/23/2011 6:00 PM	9/23/2011 6:05 PM	9/23/2011 5:45 PM	9/23/2011 5:45 PM	9/26/2011 9:45 AM
	Location	SBTC0100L 073	SBTC0100L 073	SBTC0100L 074	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 080A	SBTC0100L 080B
	Sample	SBTC0100L 073S 092311S072	SBTC0100L 073D 092311S072	SBTC0100L 074S 092311S065	SBTC0100L074S092311S065-split	SBTC0100L 076S 092311S075	SBTC0100L 078S 092311S078	SBTC0100L 078D 092311S078	SBTC0100L 078AS 092411S080	SBTC0100L078AS092411S080-split	SBTC0100L 080S 092311S005	SBTC0100L080S092311S005-split	SBTC0100L 080S 092311S065	SBTC0100L 080AS 092311S009	SBTC0100L 080AS 092311S077	SBTC0100L 080BS 092611S008
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 0.5 ft	0 - 0.5 ft	6 - 6.5 ft	0 - 0.9 ft	6.2 - 6.7 ft	0 - 0.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
Acetone	ug/kg	< 2400	< 2400	< 2800	< 4200	< 2800	< 1500	< 1400	< 2100	< 3200	< 2400	< 3900	< 2200	< 5500	< 1600	< 14000
Acrylonitrile	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 180	< 170	< 210	< 790	< 290	< 980	< 260	< 660	< 190	< 1700
Benzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Bromobenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Bromochloromethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Bromodichloromethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Bromoform	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Bromomethane	ug/kg	< 280	< 280	< 340	< 840	< 330	< 200	< 200	< 210	< 630	< 290	< 780	< 260	< 660	< 200	< 1700
Carbon disulfide	ug/kg	< 280	< 280	< 340	< 210	< 330	< 250	< 250	< 250	< 160	< 290	< 200	< 260	< 660	< 250	< 1700
Carbon tetrachloride	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Chlorobenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Chloroethane	ug/kg	< 950	< 940	< 1100	< 1000	< 1100	< 600	< 570	< 690	< 790	< 950	< 980	< 860	< 2200	< 620	< 5700
Chloroform	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Chloromethane	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 2900
cis-1,2-Dichloroethylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Cyclohexane	ug/kg	< 500	< 500	< 500	< 1000	< 500	< 500	< 500	< 500	< 790	< 500	< 980	< 500	< 660	< 500	< 1700
Dibromochloromethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Dibromochloropropane	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 180	< 170	< 210	< 790	< 290	< 980	< 260	< 660	< 190	< 1700
Dibromomethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 250	< 250	< 250	< 160	< 290	< 200	< 260	< 660	< 250	< 1700
Dichlorodifluoromethane	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
Diethyl ether	ug/kg	< 280	< 280	< 340	< 840	< 330	< 200	< 200	< 210	< 630	< 290	< 780	< 260	< 660	< 200	< 1700
Di-isopropyl ether (DIPE)	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
Ethylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Ethylene dibromide	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
Hexachloroethane	ug/kg	< 300	< 300	< 340	< 1000	< 330	< 300	< 300	< 300	< 790	< 300	< 980	< 300	< 660	< 300	< 1700
Isopropyl benzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 250	< 250	< 250	< 160	< 290	< 200	< 260	< 660	< 250	< 1700
m&p-Xylene	ug/kg	< 570	< 570	< 670	< 420	< 670	< 360	< 340	< 410	< 320	< 570	< 390	< 520	< 1300	< 370	< 3400
Methyl Iodide	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Methylene chloride	ug/kg	< 470	< 470	< 340	< 420	< 550	< 300	< 280	< 210	< 320	< 480	< 390	< 430	< 1100	< 190	< 1700
Methyl-tert-butyl ether (MTBE)	ug/kg	< 280	< 280	< 340	< 210	< 330	< 250	< 250	< 250	< 160	< 290	< 200	< 260	< 660	< 250	< 1700
Naphthalene	ug/kg	< 950	< 940	< 1100	< 1000	< 1100	< 600	< 570	< 690	< 790	< 950	< 980	< 860	< 2200	< 620	< 5700
n-Butylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
n-Propylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
o-Xylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700

	Date \ Time Collected	9/23/2011 4:45 PM	9/23/2011 4:45 PM	9/23/2011 4:10 PM	9/23/2011 4:10 PM	9/23/2011 4:25 PM	9/23/2011 5:20 PM	9/23/2011 5:20 PM	9/24/2011 9:00 AM	9/24/2011 9:00 AM	9/23/2011 6:00 PM	9/23/2011 6:00 PM	9/23/2011 6:05 PM	9/23/2011 5:45 PM	9/23/2011 5:45 PM	9/26/2011 9:45 AM
	Location	SBTC0100L 073	SBTC0100L 073	SBTC0100L 074	SBTC0100L 074	SBTC0100L 076	SBTC0100L 078	SBTC0100L 078	SBTC0100L 078A	SBTC0100L 078A	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 080A	SBTC0100L 080B
	Sample	SBTC0100L 073S 092311S072	SBTC0100L 073D 092311S072	SBTC0100L 074S 092311S065	SBTC0100L074S092311S065-split	SBTC0100L 076S 092311S075	SBTC0100L 078S 092311S078	SBTC0100L 078D 092311S078	SBTC0100L 078AS 092411S080	SBTC0100L078AS092411S080-split	SBTC0100L 080S 092311S005	SBTC0100L080S092311S005-split	SBTC0100L 080S 092311S065	SBTC0100L 080AS 092311S009	SBTC0100L 080AS 092311S077	SBTC0100L 080BS 092611S008
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.5 - 8 ft	0 - 0.5 ft	0 - 0.5 ft	6 - 6.5 ft	0 - 0.9 ft	6.2 - 6.7 ft	0 - 0.8 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Split	Result	Result	Duplicate	Result	Split	Result	Split	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
sec-Butylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Styrene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
t-Amyl methyl ether (TAME)	ug/kg	< 280	< 280	< 340	< 1000	< 330	< 250	< 250	< 250	< 790	< 290	< 980	< 260	< 660	< 250	< 1700
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 10000	< 2500	< 2500	< 2500	< 2500	< 7900	< 2500	< 9800	< 2500	< 2500	< 2500	< 5700
t-Butylbenzene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Tetrachloroethylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1100	< 1000	< 1100	< 1000	< 1000	< 1000	< 790	< 1000	< 980	< 1000	< 2200	< 1000	< 5700
Toluene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
trans-1,2-Dichloroethylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Trichloroethylene	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Trichlorofluoromethane	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Vinyl chloride	ug/kg	< 280	< 280	< 340	< 210	< 330	< 180	< 170	< 210	< 160	< 290	< 200	< 260	< 660	< 190	< 1700
Xylenes	ug/kg	< 570	< 570	< 670	---	< 670	< 360	< 340	< 410	---	< 570	---	< 520	< 1300	< 370	< 3400

	Date \ Time Collected	9/26/2011 10:00 AM	9/26/2011 10:00 AM	9/24/2011 8:25 AM	9/24/2011 8:40 AM	9/24/2011 8:40 AM	9/26/2011 10:10 AM	9/26/2011 10:10 AM	9/26/2011 10:20 AM	9/26/2011 10:20 AM	9/26/2011 6:05 PM	9/26/2011 6:05 PM	9/26/2011 6:10 PM	9/26/2011 6:10 PM	9/24/2011 2:50 PM
	Location	SBTC0100L 080B	SBTC0100L 080B	SBTC0100L 082	SBTC0100L 082	SBTC0100L 082	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 087
	Sample	SBTC0100L 080BS 092611S061	SBTC0100L 080BD 092611S061	SBTC0100L 082S 092411S005	SBTC0100L 082S 092411S048	SBTC0100L 082D 092411S048	SBTC0100L 084AS 092611S010	SBTC0100L084AS092611S010-split	SBTC0100L 084AS 092611S060	SBTC0100L084AS092611S060-split	SBTC0100L 086CS 092611S010	SBTC0100L086CS092611S010-split	SBTC0100L 086CS 092611S070	SBTC0100L086CS092611S070-split	SBTC0100L 087S 092411S010
	Depth	5.5 - 6.1 ft	5.6 - 6.1 ft	0 - 0.5 ft	4.3 - 4.8 ft	4.3 - 4.8 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	5.5 - 6 ft	0 - 1 ft	0 - 1 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	SW	SW	OL	OL	SP	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Split	Result	Split	Result	Split	Result	Split	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	**7.3**	---	**50**	---	**13**	---	**1.3**	---
Barium	mg/kg	---	---	---	---	---	---	**42**	---	**21**	---	**60**	---	**4.3**	---
Beryllium	mg/kg	**1.3**	**1.1**	**0.77**	< 0.50	< 0.50	< 0.50	**0.25**	< 0.50	< 0.2	< 1.3	**0.27**	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	**0.24**	---	< 0.2	---	**0.32**	---	< 0.2	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**9.2**	---	**9.2**	---	**7.9**	---	**2.2**	---
Copper	mg/kg	---	---	---	---	---	---	**17**	---	**13**	---	**22**	---	**2.8**	---
Iron	mg/kg	---	---	---	---	---	---	**14000**	---	**28000**	---	**17000**	---	**2900**	---
Lead	mg/kg	---	---	---	---	---	---	**7.1**	---	**15**	---	**8.8**	---	**1.8**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.05	---	**0.06**	---	< 0.05	---	< 0.05	---
Molybdenum	mg/kg	**10**	**12**	**1.7**	< 1.0	< 1.0	**1.9**	**1.8**	**1.1**	**1.0**	**15**	**3.3**	< 1.0	< 1	**1.4**
Nickel	mg/kg	**27**	**12**	**4.3**	**12**	**10**	**9.8**	**10**	**20**	**20**	**31**	**9.6**	**2.7**	**3.0**	**6.1**
Selenium	mg/kg	---	---	---	---	---	---	**0.53**	---	**0.52**	---	**0.81**	---	< 0.2	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	< 0.1	---	< 0.1	---	< 0.1	---
Vanadium	mg/kg	**64**	**32**	**13**	**9.8**	**16**	**14**	**14**	**13**	**17**	**48**	**13**	**2.9**	**2.8**	**8.0**
Zinc	mg/kg	---	---	---	---	---	---	**28**	---	**30**	---	**28**	---	**8.1**	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 680	< 330	< 560	< 560	< 940	< 330	< 600	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 450	< 330	< 750	< 330	< 480	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 270	< 330	< 220	< 330	< 380	< 330	< 240	< 330

	Date \ Time Collected	9/26/2011 10:00 AM	9/26/2011 10:00 AM	9/24/2011 8:25 AM	9/24/2011 8:40 AM	9/24/2011 8:40 AM	9/26/2011 10:10 AM	9/26/2011 10:10 AM	9/26/2011 10:20 AM	9/26/2011 10:20 AM	9/26/2011 6:05 PM	9/26/2011 6:05 PM	9/26/2011 6:10 PM	9/26/2011 6:10 PM	9/24/2011 2:50 PM
	Location	SBTC0100L 080B	SBTC0100L 080B	SBTC0100L 082	SBTC0100L 082	SBTC0100L 082	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 087
	Sample	SBTC0100L 080BS 092611S061	SBTC0100L 080BD 092611S061	SBTC0100L 082S 092411S005	SBTC0100L 082S 092411S048	SBTC0100L 082D 092411S048	SBTC0100L 084AS 092611S010	SBTC0100L084AS092611S010-split	SBTC0100L 084AS 092611S060	SBTC0100L084AS092611S060-split	SBTC0100L 086CS 092611S010	SBTC0100L086CS092611S010-split	SBTC0100L 086CS 092611S070	SBTC0100L086CS092611S070-split	SBTC0100L 087S 092411S010
	Depth	5.5 - 6.1 ft	5.6 - 6.1 ft	0 - 0.5 ft	4.3 - 4.8 ft	4.3 - 4.8 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	5.5 - 6 ft	0 - 1 ft	0 - 1 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	SW	SW	OL	OL	SP	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Split	Result	Split	Result	Split	Result	Split	Result
Solids															
Moisture	%	**59**	**49**	**44**	**6.3**	**7.7**	**23**	---	**10**	---	**86**	---	**16**	---	**52**
Solids	%	---	---	---	---	---	---	**73.1**	---	**89.6**	---	**53.3**	---	**83.2**	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**6.3**	< 4.8	**6.3**	**4.6**	< 4.0	< 4.0	---	< 4.0	---	**25**	---	< 4.0	---	**5.3**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 34000	---	< 28000	---	< 47000	---	< 30000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 7.1	---	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 8700	---	< 6300	---	< 14000	---	< 7000	---
Oil Range Organics (C20-C34)	mg/kg	**44**	**14**	**25**	**14**	**4.3**	**15**	---	**8.7**	---	**160**	---	**50**	---	**33**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	< 140000	---	< 110000	---	< 190000	---	< 120000	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,1,1-Trichloroethane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,1,2,2-Tetrachloroethane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,1,2-Trichloroethane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,1-Dichloroethane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,1-Dichloroethylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,2,3-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
1,2,3-Trichloropropane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,2,3-Trimethylbenzene	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 87	< 250	< 63	< 2800	< 140	< 250	< 70	< 250
1,2,4-Trichlorobenzene	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
1,2,4-Trimethylbenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,2-Dichlorobenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,2-Dichloroethane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,2-Dichloropropane	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,3,5-Trimethylbenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,3-Dichlorobenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
1,3-Dichloropropene, cis	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,3-Dichloropropene, trans	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
1,4-Dichloro-2-butene, trans	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 440	< 50	< 320	< 2800	< 680	< 51	< 350	< 200
1,4-Dichlorobenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
2-Butanone (MEK)	ug/kg	< 950	< 750	< 750	< 750	< 750	< 750	< 440	< 750	< 320	< 9500	< 680	< 750	< 350	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 440	< 2500	< 320	< 2800	< 680	< 2500	< 350	< 2500
2-Methylnaphthalene	ug/kg	< 950	< 570	< 460	< 330	< 330	< 330	< 440	< 330	< 320	< 9500	< 680	< 330	< 350	< 660
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 440	< 2500	< 320	< 2800	< 680	< 2500	< 350	< 2500

	Date \ Time Collected	9/26/2011 10:00 AM	9/26/2011 10:00 AM	9/24/2011 8:25 AM	9/24/2011 8:40 AM	9/24/2011 8:40 AM	9/26/2011 10:10 AM	9/26/2011 10:10 AM	9/26/2011 10:20 AM	9/26/2011 10:20 AM	9/26/2011 6:05 PM	9/26/2011 6:05 PM	9/26/2011 6:10 PM	9/26/2011 6:10 PM	9/24/2011 2:50 PM
	Location	SBTC0100L 080B	SBTC0100L 080B	SBTC0100L 082	SBTC0100L 082	SBTC0100L 082	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 087
	Sample	SBTC0100L 080BS 092611S061	SBTC0100L 080BD 092611S061	SBTC0100L 082S 092411S005	SBTC0100L 082S 092411S048	SBTC0100L 082D 092411S048	SBTC0100L 084AS 092611S010	SBTC0100L084AS092611S010-split	SBTC0100L 084AS 092611S060	SBTC0100L084AS092611S060-split	SBTC0100L 086CS 092611S010	SBTC0100L086CS092611S010-split	SBTC0100L 086CS 092611S070	SBTC0100L086CS092611S070-split	SBTC0100L 087S 092411S010
	Depth	5.5 - 6.1 ft	5.6 - 6.1 ft	0 - 0.5 ft	4.3 - 4.8 ft	4.3 - 4.8 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	5.5 - 6 ft	0 - 1 ft	0 - 1 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	SW	SW	OL	OL	SP	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Split	Result	Split	Result	Split	Result	Split	Result
Acetone	ug/kg	< 2400	< 1400	< 1200	< 1000	< 1000	< 1000	< 1700	< 1000	< 1300	< 24000	< 2700	< 1000	< 1400	< 1600
Acrylonitrile	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 440	< 100	< 320	< 2800	< 680	< 100	< 350	< 200
Benzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Bromobenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Bromochloromethane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Bromodichloromethane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Bromoform	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Bromomethane	ug/kg	< 290	< 200	< 200	< 200	< 200	< 200	< 350	< 200	< 250	< 2800	< 540	< 200	< 280	< 200
Carbon disulfide	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 87	< 250	< 63	< 2800	< 140	< 250	< 70	< 250
Carbon tetrachloride	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Chlorobenzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Chloroethane	ug/kg	< 950	< 570	< 460	< 250	< 250	< 250	< 440	< 250	< 320	< 9500	< 680	< 250	< 350	< 660
Chloroform	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Chloromethane	ug/kg	< 670	**310**	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
cis-1,2-Dichloroethylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 440	< 500	< 320	< 2800	< 680	< 500	< 350	< 500
Dibromochloromethane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Dibromochloropropane	ug/kg	< 290	< 170	< 140	< 36	< 38	< 62	< 440	< 41	< 320	< 2800	< 680	< 51	< 350	< 200
Dibromomethane	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 87	< 250	< 63	< 2800	< 140	< 250	< 70	< 250
Dichlorodifluoromethane	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
Diethyl ether	ug/kg	< 290	< 200	< 200	< 200	< 200	< 200	< 350	< 200	< 250	< 2800	< 540	< 200	< 280	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
Ethylbenzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Ethylene dibromide	ug/kg	< 290	< 170	< 140	< 36	< 38	< 62	< 87	< 41	< 63	< 2800	< 140	< 51	< 70	< 200
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 440	< 300	< 320	< 2800	< 680	< 300	< 350	< 300
Isopropyl benzene	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 87	< 250	< 63	< 2800	< 140	< 250	< 70	< 250
m&p-Xylene	ug/kg	< 570	< 340	< 280	< 100	< 100	< 120	< 170	< 100	< 130	< 5700	< 270	< 100	< 140	< 400
Methyl Iodide	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Methylene chloride	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 170	< 100	< 130	< 2800	< 270	< 100	< 140	< 200
Methyl-tert-butyl ether (MTBE)	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 87	< 250	< 63	< 2800	< 140	< 250	< 70	< 250
Naphthalene	ug/kg	< 950	< 570	< 460	< 330	< 330	< 330	< 440	< 330	< 320	< 9500	< 680	< 330	< 350	< 660
n-Butylbenzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
n-Propylbenzene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
o-Xylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200

	Date \ Time Collected	9/26/2011 10:00 AM	9/26/2011 10:00 AM	9/24/2011 8:25 AM	9/24/2011 8:40 AM	9/24/2011 8:40 AM	9/26/2011 10:10 AM	9/26/2011 10:10 AM	9/26/2011 10:20 AM	9/26/2011 10:20 AM	9/26/2011 6:05 PM	9/26/2011 6:05 PM	9/26/2011 6:10 PM	9/26/2011 6:10 PM	9/24/2011 2:50 PM
	Location	SBTC0100L 080B	SBTC0100L 080B	SBTC0100L 082	SBTC0100L 082	SBTC0100L 082	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 084A	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 086C	SBTC0100L 087
	Sample	SBTC0100L 080BS 092611S061	SBTC0100L 080BD 092611S061	SBTC0100L 082S 092411S005	SBTC0100L 082S 092411S048	SBTC0100L 082D 092411S048	SBTC0100L 084AS 092611S010	SBTC0100L084AS092611S010-split	SBTC0100L 084AS 092611S060	SBTC0100L084AS092611S060-split	SBTC0100L 086CS 092611S010	SBTC0100L086CS092611S010-split	SBTC0100L 086CS 092611S070	SBTC0100L086CS092611S070-split	SBTC0100L 087S 092411S010
	Depth	5.5 - 6.1 ft	5.6 - 6.1 ft	0 - 0.5 ft	4.3 - 4.8 ft	4.3 - 4.8 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	5.5 - 6 ft	0 - 1 ft	0 - 1 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 1 ft
	USCS Code	OL	OL	OL	SW	SW	OL	OL	SW	SW	OL	OL	SP	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Duplicate	Result	Split	Result	Split	Result	Split	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
sec-Butylbenzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Styrene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
t-Amyl methyl ether (TAME)	ug/kg	< 290	< 250	< 250	< 250	< 250	< 250	< 440	< 250	< 320	< 2800	< 680	< 250	< 350	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 4400	< 2500	< 3200	< 9500	< 6800	< 2500	< 3500	< 2500
t-Butylbenzene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Tetrachloroethylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 440	< 1000	< 320	< 9500	< 680	< 1000	< 350	< 1000
Toluene	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
trans-1,2-Dichloroethylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Trichloroethylene	ug/kg	< 290	< 170	< 140	< 50	< 50	< 62	< 87	< 50	< 63	< 2800	< 140	< 51	< 70	< 200
Trichlorofluoromethane	ug/kg	< 290	< 170	< 140	< 100	< 100	< 100	< 87	< 100	< 63	< 2800	< 140	< 100	< 70	< 200
Vinyl chloride	ug/kg	< 290	< 170	< 140	< 40	< 40	< 62	< 87	< 41	< 63	< 2800	< 140	< 51	< 70	< 200
Xylenes	ug/kg	< 570	< 340	< 280	< 100	< 100	< 120	---	< 100	---	< 5700	---	< 100	---	< 400

	Date \ Time Collected	9/24/2011 3:05 PM	9/24/2011 3:05 PM	9/24/2011 2:30 PM	9/24/2011 2:30 PM	9/24/2011 3:30 PM	9/24/2011 3:50 PM	9/26/2011 11:10 AM	9/26/2011 11:15 AM	9/24/2011 3:50 PM	9/24/2011 4:15 PM	9/24/2011 4:20 PM	9/24/2011 4:35 PM	9/24/2011 4:55 PM	9/24/2011 4:55 PM
	Location	SBTC0100L 087	SBTC0100L 087	SBTC0100L 088	SBTC0100L 088	SBTC0100L 090	SBTC0100L 090	SBTC0100L 090A	SBTC0100L 090A	SBTC0100L 091	SBTC0100L 091	SBTC0100L 092	SBTC0100L 092	SBTC0100L 094	SBTC0100L 094
	Sample	SBTC0100L 087S 092411S061	SBTC0100L087S092411S061-split	SBTC0100L 088S 092411S071	SBTC0100L088S092411S071-split	SBTC0100L 090S 092411S010	SBTC0100L 090S 092411S069	SBTC0100L 090AS 092611S010	SBTC0100L 090AS 092611S077	SBTC0100L 091S 092411S003	SBTC0100L 091S 092411S069	SBTC0100L 092S 092411S003	SBTC0100L 092S 092411S065	SBTC0100L 094S 092411S006	SBTC0100L094S092411S006-split
	Depth	5.6 - 6.1 ft	5.6 - 6.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	0 - 1 ft	7.2 - 7.7 ft	0 - 0.3 ft	6.4 - 6.9 ft	0 - 0.3 ft	6.05 - 6.55 ft	0 - 0.6 ft	0 - 0.6 ft
	USCS Code	SW	SW	SP	SP	OL	SW	OL	SP	CL	SW	OL	ML	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Metals															
Arsenic	mg/kg	---	**7.8**	---	**5.3**	---	---	---	---	---	---	---	---	---	**21**
Barium	mg/kg	---	**7.3**	---	**5.8**	---	---	---	---	---	---	---	---	---	**92**
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.51	< 0.50	< 0.59	**0.30**
Cadmium	mg/kg	---	< 0.2	---	< 0.2	---	---	---	---	---	---	---	---	---	**0.51**
Chromium (Total)	mg/kg	---	**17**	---	**5.3**	---	---	---	---	---	---	---	---	---	**8.4**
Copper	mg/kg	---	**4.5**	---	**5.1**	---	---	---	---	---	---	---	---	---	**28**
Iron	mg/kg	---	**9800**	---	**6400**	---	---	---	---	---	---	---	---	---	**21000**
Lead	mg/kg	---	**1.9**	---	**2.5**	---	---	---	---	---	---	---	---	---	**11**
Mercury (Total)	mg/kg	---	< 0.05	---	< 0.05	---	---	---	---	---	---	---	---	---	< 0.15
Molybdenum	mg/kg	< 1.0	< 1	< 1.0	< 1	**1.6**	< 1.0	**2.3**	< 1.0	**1.2**	< 1.0	**1.0**	< 1.0	**5.7**	**3.8**
Nickel	mg/kg	**7.3**	**11**	**8.2**	**6.7**	**8.4**	**8.6**	**14**	**4.0**	**6.5**	**3.4**	**6.1**	**4.7**	**8.6**	**9.1**
Selenium	mg/kg	---	< 0.2	---	< 0.2	---	---	---	---	---	---	---	---	---	**1.5**
Silver	mg/kg	---	< 0.1	---	< 0.1	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**7.6**	**9.0**	**6.9**	**6.6**	**13**	**6.8**	**31**	**5.5**	**9.6**	**4.5**	**11**	**6.2**	**13**	**11**
Zinc	mg/kg	---	**15**	---	**13**	---	---	---	---	---	---	---	---	---	**24**
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 540	< 330	< 590	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1300
Acenaphthene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Acenaphthylene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Anthracene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Benzo(a)anthracene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Benzo(a)pyrene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Benzo(b)fluoranthene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Benzo(g,h,i)perylene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Benzo(k)fluoranthene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Chrysene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Dibenzo(a,h)anthracene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Fluoranthene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Fluorene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 430	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1000
Naphthalene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Phenanthrene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510
Pyrene	ug/kg	< 330	< 210	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 510

	Date \ Time Collected	9/24/2011 3:05 PM	9/24/2011 3:05 PM	9/24/2011 2:30 PM	9/24/2011 2:30 PM	9/24/2011 3:30 PM	9/24/2011 3:50 PM	9/26/2011 11:10 AM	9/26/2011 11:15 AM	9/24/2011 3:50 PM	9/24/2011 4:15 PM	9/24/2011 4:20 PM	9/24/2011 4:35 PM	9/24/2011 4:55 PM	9/24/2011 4:55 PM
	Location	SBTC0100L 087	SBTC0100L 087	SBTC0100L 088	SBTC0100L 088	SBTC0100L 090	SBTC0100L 090	SBTC0100L 090A	SBTC0100L 090A	SBTC0100L 091	SBTC0100L 091	SBTC0100L 092	SBTC0100L 092	SBTC0100L 094	SBTC0100L 094
	Sample	SBTC0100L 087S 092411S061	SBTC0100L087S092411S061-split	SBTC0100L 088S 092411S071	SBTC0100L088S092411S071-split	SBTC0100L 090S 092411S010	SBTC0100L 090S 092411S069	SBTC0100L 090AS 092611S010	SBTC0100L 090AS 092611S077	SBTC0100L 091S 092411S003	SBTC0100L 091S 092411S069	SBTC0100L 092S 092411S003	SBTC0100L 092S 092411S065	SBTC0100L 094S 092411S006	SBTC0100L094S092411S006-split
	Depth	5.6 - 6.1 ft	5.6 - 6.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	0 - 1 ft	7.2 - 7.7 ft	0 - 0.3 ft	6.4 - 6.9 ft	0 - 0.3 ft	6.05 - 6.55 ft	0 - 0.6 ft	0 - 0.6 ft
	USCS Code	SW	SW	SP	SP	OL	SW	OL	SP	CL	SW	OL	ML	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Solids															
Moisture	%	**4.8**	---	**14**	---	**17**	**6.7**	**54**	**17**	**30**	**11**	**54**	**9.5**	**62**	---
Solids	%	---	**93.3**	---	**85.0**	---	---	---	---	---	---	---	---	---	**39.0**
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	**7.6**	---	< 4.0	**5.6**	< 5.3	**6.5**	< 4.0	**5.0**	**7.1**	< 4.0	**11**	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 27000	---	< 29000	---	---	---	---	---	---	---	---	---	< 64000
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6100	---	< 6600	---	---	---	---	---	---	---	---	---	< 20000
Oil Range Organics (C20-C34)	mg/kg	**12**	---	**29**	---	**9.1**	**19**	**23**	**22**	**14**	**13**	**30**	**11**	**49**	---
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	< 120000	---	---	---	---	---	---	---	---	---	**490000**
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,1,1-Trichloroethane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,1,2-Trichloroethane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,1-Dichloroethane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,1-Dichloroethylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,2,3-Trichlorobenzene	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
1,2,3-Trichloropropane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,2,3-Trimethylbenzene	ug/kg	< 250	< 61	< 250	< 66	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 200
1,2,4-Trichlorobenzene	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
1,2,4-Trimethylbenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,2-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,2-Dichloroethane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,2-Dichloropropane	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,3,5-Trimethylbenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,3-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
1,3-Dichloropropene, cis	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,3-Dichloropropene, trans	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 300	< 50	< 330	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 1000
1,4-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
2-Butanone (MEK)	ug/kg	< 750	< 300	< 750	< 330	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 1100	< 1000
2-Hexanone	ug/kg	< 2500	< 300	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000
2-Methylnaphthalene	ug/kg	< 330	< 300	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330	< 730	< 330	< 1100	< 1000
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 300	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1000

	Date \ Time Collected	9/24/2011 3:05 PM	9/24/2011 3:05 PM	9/24/2011 2:30 PM	9/24/2011 2:30 PM	9/24/2011 3:30 PM	9/24/2011 3:50 PM	9/26/2011 11:10 AM	9/26/2011 11:15 AM	9/24/2011 3:50 PM	9/24/2011 4:15 PM	9/24/2011 4:20 PM	9/24/2011 4:35 PM	9/24/2011 4:55 PM	9/24/2011 4:55 PM
	Location	SBTC0100L 087	SBTC0100L 087	SBTC0100L 088	SBTC0100L 088	SBTC0100L 090	SBTC0100L 090	SBTC0100L 090A	SBTC0100L 090A	SBTC0100L 091	SBTC0100L 091	SBTC0100L 092	SBTC0100L 092	SBTC0100L 094	SBTC0100L 094
	Sample	SBTC0100L 087S 092411S061	SBTC0100L087S092411S061-split	SBTC0100L 088S 092411S071	SBTC0100L088S092411S071-split	SBTC0100L 090S 092411S010	SBTC0100L 090S 092411S069	SBTC0100L 090AS 092611S010	SBTC0100L 090AS 092611S077	SBTC0100L 091S 092411S003	SBTC0100L 091S 092411S069	SBTC0100L 092S 092411S003	SBTC0100L 092S 092411S065	SBTC0100L 094S 092411S006	SBTC0100L094S092411S006-split
	Depth	5.6 - 6.1 ft	5.6 - 6.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	0 - 1 ft	7.2 - 7.7 ft	0 - 0.3 ft	6.4 - 6.9 ft	0 - 0.3 ft	6.05 - 6.55 ft	0 - 0.6 ft	0 - 0.6 ft
	USCS Code	SW	SW	SP	SP	OL	SW	OL	SP	CL	SW	OL	ML	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Acetone	ug/kg	< 1000	< 1200	< 1000	< 1300	< 1000	< 1000	< 1800	< 1000	< 1000	< 1000	< 2200	< 1000	< 3000	< 4000
Acrylonitrile	ug/kg	< 100	< 300	< 100	< 330	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 1000
Benzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Bromobenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Bromochloromethane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Bromodichloromethane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Bromoform	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Bromomethane	ug/kg	< 200	< 240	< 200	< 260	< 200	< 200	< 220	< 200	< 200	< 200	< 220	< 200	< 330	< 800
Carbon disulfide	ug/kg	< 250	< 61	< 250	< 66	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 200
Carbon tetrachloride	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Chlorobenzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Chloroethane	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 720	< 250	< 270	< 250	< 730	< 250	< 1100	< 1000
Chloroform	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Chloromethane	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 540	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
cis-1,2-Dichloroethylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Cyclohexane	ug/kg	< 500	< 300	< 500	< 330	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1000
Dibromochloromethane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Dibromochloropropane	ug/kg	< 35	< 300	< 46	< 330	< 51	< 37	< 220	< 51	< 80	< 42	< 220	< 40	< 330	< 1000
Dibromomethane	ug/kg	< 250	< 61	< 250	< 66	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 200
Dichlorodifluoromethane	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
Diethyl ether	ug/kg	< 200	< 240	< 200	< 260	< 200	< 200	< 220	< 200	< 200	< 200	< 220	< 200	< 330	< 800
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
Ethylbenzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Ethylene dibromide	ug/kg	< 35	< 61	< 46	< 66	< 51	< 37	< 220	< 51	< 80	< 42	< 220	< 40	< 330	< 200
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 330	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 330	< 1000
Isopropyl benzene	ug/kg	< 250	< 61	< 250	< 66	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 200
m&p-Xylene	ug/kg	< 100	< 120	< 100	< 130	< 100	< 100	< 430	< 100	< 160	< 100	< 440	< 100	< 670	< 400
Methyl Iodide	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	**140**	< 100	< 220	< 100	< 330	< 200
Methylene chloride	ug/kg	< 100	< 120	< 100	< 130	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 560	< 400
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 61	< 250	< 66	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 200
Naphthalene	ug/kg	< 330	< 300	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330	< 730	< 330	< 1100	< 1000
n-Butylbenzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
n-Propylbenzene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
o-Xylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200

	Date \ Time Collected	9/24/2011 3:05 PM	9/24/2011 3:05 PM	9/24/2011 2:30 PM	9/24/2011 2:30 PM	9/24/2011 3:30 PM	9/24/2011 3:50 PM	9/26/2011 11:10 AM	9/26/2011 11:15 AM	9/24/2011 3:50 PM	9/24/2011 4:15 PM	9/24/2011 4:20 PM	9/24/2011 4:35 PM	9/24/2011 4:55 PM	9/24/2011 4:55 PM
	Location	SBTC0100L 087	SBTC0100L 087	SBTC0100L 088	SBTC0100L 088	SBTC0100L 090	SBTC0100L 090	SBTC0100L 090A	SBTC0100L 090A	SBTC0100L 091	SBTC0100L 091	SBTC0100L 092	SBTC0100L 092	SBTC0100L 094	SBTC0100L 094
	Sample	SBTC0100L 087S 092411S061	SBTC0100L087S092411S061-split	SBTC0100L 088S 092411S071	SBTC0100L088S092411S071-split	SBTC0100L 090S 092411S010	SBTC0100L 090S 092411S069	SBTC0100L 090AS 092611S010	SBTC0100L 090AS 092611S077	SBTC0100L 091S 092411S003	SBTC0100L 091S 092411S069	SBTC0100L 092S 092411S003	SBTC0100L 092S 092411S065	SBTC0100L 094S 092411S006	SBTC0100L094S092411S006-split
	Depth	5.6 - 6.1 ft	5.6 - 6.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	0 - 1 ft	7.2 - 7.7 ft	0 - 0.3 ft	6.4 - 6.9 ft	0 - 0.3 ft	6.05 - 6.55 ft	0 - 0.6 ft	0 - 0.6 ft
	USCS Code	SW	SW	SP	SP	OL	SW	OL	SP	CL	SW	OL	ML	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
sec-Butylbenzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Styrene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 300	< 250	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 330	< 1000
t-Butyl alcohol	ug/kg	< 2500	< 3000	< 2500	< 3300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 10000
t-Butylbenzene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Tetrachloroethylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Tetrahydrofuran	ug/kg	< 1000	< 300	< 1000	< 330	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000
Toluene	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
trans-1,2-Dichloroethylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Trichloroethylene	ug/kg	< 50	< 61	< 50	< 66	< 51	< 50	< 220	< 51	< 80	< 50	< 220	< 50	< 330	< 200
Trichlorofluoromethane	ug/kg	< 100	< 61	< 100	< 66	< 100	< 100	< 220	< 100	< 100	< 100	< 220	< 100	< 330	< 200
Vinyl chloride	ug/kg	< 40	< 61	< 46	< 66	< 51	< 40	< 220	< 51	< 80	< 42	< 220	< 40	< 330	< 200
Xylenes	ug/kg	< 100	---	< 100	---	< 100	< 100	< 430	< 100	< 160	< 100	< 440	< 100	< 670	---

	Date \ Time Collected	9/24/2011 5:20 PM	9/24/2011 5:20 PM	9/24/2011 5:50 PM	9/24/2011 6:05 PM	9/26/2011 12:55 PM	9/26/2011 7:55 AM	9/26/2011 8:25 AM	9/26/2011 8:25 AM	9/26/2011 4:55 PM	9/26/2011 3:40 PM	9/26/2011 4:05 PM	9/26/2011 2:25 PM	9/26/2011 2:45 PM	1/29/2014 3:02 PM	1/30/2014 10:18 AM
	Location	SBTC0100L 094	SBTC0100L 094	SBTC0100L 095	SBTC0100L 095	SBTC0100L 096A	SBTC0100L 097	SBTC0100L 097	SBTC0100L 097	SBTC0100L 098B	SBTC0100L 099	SBTC0100L 099	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507
	Sample	SBTC0100L 094S 092411S066	SBTC0100L 094D 092411S066	SBTC0100L 095S 092411S010	SBTC0100L 095S 092411S066	SBTC0100L 096AS 092611S070	SBTC0100L 097S 092611S004	SBTC0100L 097S 092611S070	SBTC0100L 097D 092611S070	SBTC0100L 098BS 092611S070	SBTC0100L 099S 092611S006	SBTC0100L 099S 092611S065	SBTC0100L 100S 092611S007	SBTC0100L 100S 092611S051	SBTC0100L 506S 012914S015	SBTC0100L 507S 013014S013
	Depth	6.1 - 6.6 ft	6.1 - 6.6 ft	0 - 1 ft	6.1 - 6.6 ft	6.5 - 7 ft	0 - 0.4 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 0.6 ft	6 - 6.5 ft	0 - 0.7 ft	4.6 - 5.1 ft	0.9 - 1.5 ft	0 - 1.3 ft
	USCS Code	GW	GW	OL	SW	SW	OL-SW	SW	SW	SW	OL	SP	OL	SP	CL	OL/ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.55**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	**3.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.1**	< 1.0	**3.8**	< 1.0	**2.6**	**1.7**
Nickel	mg/kg	**6.9**	**5.9**	**8.2**	**5.3**	**10**	**7.0**	**8.1**	**8.4**	**5.6**	**18**	**2.6**	**14**	**6.7**	**14**	**11**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**13**	**6.9**	**11**	**6.5**	**9.1**	**7.5**	**8.3**	**8.0**	**7.8**	**22**	**3.7**	**16**	**8.9**	**15**	**16**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/24/2011 5:20 PM	9/24/2011 5:20 PM	9/24/2011 5:50 PM	9/24/2011 6:05 PM	9/26/2011 12:55 PM	9/26/2011 7:55 AM	9/26/2011 8:25 AM	9/26/2011 8:25 AM	9/26/2011 4:55 PM	9/26/2011 3:40 PM	9/26/2011 4:05 PM	9/26/2011 2:25 PM	9/26/2011 2:45 PM	1/29/2014 3:02 PM	1/30/2014 10:18 AM
	Location	SBTC0100L 094	SBTC0100L 094	SBTC0100L 095	SBTC0100L 095	SBTC0100L 096A	SBTC0100L 097	SBTC0100L 097	SBTC0100L 097	SBTC0100L 098B	SBTC0100L 099	SBTC0100L 099	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507
	Sample	SBTC0100L 094S 092411S066	SBTC0100L 094D 092411S066	SBTC0100L 095S 092411S010	SBTC0100L 095S 092411S066	SBTC0100L 096AS 092611S070	SBTC0100L 097S 092611S004	SBTC0100L 097S 092611S070	SBTC0100L 097D 092611S070	SBTC0100L 098BS 092611S070	SBTC0100L 099S 092611S006	SBTC0100L 099S 092611S065	SBTC0100L 100S 092611S007	SBTC0100L 100S 092611S051	SBTC0100L 506S 012914S015	SBTC0100L 507S 013014S013
	Depth	6.1 - 6.6 ft	6.1 - 6.6 ft	0 - 1 ft	6.1 - 6.6 ft	6.5 - 7 ft	0 - 0.4 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 0.6 ft	6 - 6.5 ft	0 - 0.7 ft	4.6 - 5.1 ft	0.9 - 1.5 ft	0 - 1.3 ft
	USCS Code	GW	GW	OL	SW	SW	OL-SW	SW	SW	SW	OL	SP	OL	SP	CL	OL/ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**11**	**10**	**68**	**9.2**	**8.1**	**22**	**8.3**	**5.4**	**6.3**	**29**	**17**	**38**	**32**	**22**	**52**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	**4.3**	**8.1**	**5.9**	**4.0**	< 4.0	**6.5**	**4.9**	**9.9**	< 4.0	**9.7**	**7.9**	< 4.0	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**12**	**18**	**56**	**18**	**14**	**21**	**14**	**13**	**34**	**16**	**31**	**33**	**14**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,1-Dichloroethane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,2-Dichloroethane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,2-Dichloropropane	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
2-Butanone (MEK)	ug/kg	< 750	< 750	< 1600	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 1600	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 720
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/24/2011 5:20 PM	9/24/2011 5:20 PM	9/24/2011 5:50 PM	9/24/2011 6:05 PM	9/26/2011 12:55 PM	9/26/2011 7:55 AM	9/26/2011 8:25 AM	9/26/2011 8:25 AM	9/26/2011 4:55 PM	9/26/2011 3:40 PM	9/26/2011 4:05 PM	9/26/2011 2:25 PM	9/26/2011 2:45 PM	1/29/2014 3:02 PM	1/30/2014 10:18 AM
	Location	SBTC0100L 094	SBTC0100L 094	SBTC0100L 095	SBTC0100L 095	SBTC0100L 096A	SBTC0100L 097	SBTC0100L 097	SBTC0100L 097	SBTC0100L 098B	SBTC0100L 099	SBTC0100L 099	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507
	Sample	SBTC0100L 094S 092411S066	SBTC0100L 094D 092411S066	SBTC0100L 095S 092411S010	SBTC0100L 095S 092411S066	SBTC0100L 096AS 092611S070	SBTC0100L 097S 092611S004	SBTC0100L 097S 092611S070	SBTC0100L 097D 092611S070	SBTC0100L 098BS 092611S070	SBTC0100L 099S 092611S006	SBTC0100L 099S 092611S065	SBTC0100L 100S 092611S007	SBTC0100L 100S 092611S051	SBTC0100L 506S 012914S015	SBTC0100L 507S 013014S013
	Depth	6.1 - 6.6 ft	6.1 - 6.6 ft	0 - 1 ft	6.1 - 6.6 ft	6.5 - 7 ft	0 - 0.4 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 0.6 ft	6 - 6.5 ft	0 - 0.7 ft	4.6 - 5.1 ft	0.9 - 1.5 ft	0 - 1.3 ft
	USCS Code	GW	GW	OL	SW	SW	OL-SW	SW	SW	SW	OL	SP	OL	SP	CL	OL/ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 4100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1800
Acrylonitrile	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Benzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Bromobenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Bromochloromethane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Bromodichloromethane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Bromoform	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Bromomethane	ug/kg	< 200	< 200	< 490	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 220
Carbon disulfide	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Chlorobenzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Chloroethane	ug/kg	< 250	< 250	< 1600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 360	< 290	< 250	< 720
Chloroform	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Chloromethane	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Dibromochloropropane	ug/kg	< 42	< 41	< 490	< 40	< 39	< 63	< 39	< 35	< 36	< 74	< 50	< 110	< 86	< 60	< 220
Dibromomethane	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 490	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 220
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Ethylene dibromide	ug/kg	< 42	< 41	< 490	< 40	< 39	< 63	< 39	< 35	< 36	< 74	< 50	< 110	< 86	< 60	< 220
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 490	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 990	< 100	< 100	< 130	< 100	< 100	< 100	< 150	< 100	< 220	< 170	< 120	< 430
Methyl Iodide	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	**100**	< 100	< 100	< 100	**130**	**290**	< 100	< 100	< 220
Methylene chloride	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 1600	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 360	< 330	< 330	< 720
n-Butylbenzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
n-Propylbenzene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
o-Xylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/24/2011 5:20 PM	9/24/2011 5:20 PM	9/24/2011 5:50 PM	9/24/2011 6:05 PM	9/26/2011 12:55 PM	9/26/2011 7:55 AM	9/26/2011 8:25 AM	9/26/2011 8:25 AM	9/26/2011 4:55 PM	9/26/2011 3:40 PM	9/26/2011 4:05 PM	9/26/2011 2:25 PM	9/26/2011 2:45 PM	1/29/2014 3:02 PM	1/30/2014 10:18 AM
	Location	SBTC0100L 094	SBTC0100L 094	SBTC0100L 095	SBTC0100L 095	SBTC0100L 096A	SBTC0100L 097	SBTC0100L 097	SBTC0100L 097	SBTC0100L 098B	SBTC0100L 099	SBTC0100L 099	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507
	Sample	SBTC0100L 094S 092411S066	SBTC0100L 094D 092411S066	SBTC0100L 095S 092411S010	SBTC0100L 095S 092411S066	SBTC0100L 096AS 092611S070	SBTC0100L 097S 092611S004	SBTC0100L 097S 092611S070	SBTC0100L 097D 092611S070	SBTC0100L 098BS 092611S070	SBTC0100L 099S 092611S006	SBTC0100L 099S 092611S065	SBTC0100L 100S 092611S007	SBTC0100L 100S 092611S051	SBTC0100L 506S 012914S015	SBTC0100L 507S 013014S013
	Depth	6.1 - 6.6 ft	6.1 - 6.6 ft	0 - 1 ft	6.1 - 6.6 ft	6.5 - 7 ft	0 - 0.4 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	0 - 0.6 ft	6 - 6.5 ft	0 - 0.7 ft	4.6 - 5.1 ft	0.9 - 1.5 ft	0 - 1.3 ft
	USCS Code	GW	GW	OL	SW	SW	OL-SW	SW	SW	SW	OL	SP	OL	SP	CL	OL/ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
sec-Butylbenzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Styrene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 490	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Tetrachloroethylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1600	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Trichloroethylene	ug/kg	< 50	< 50	< 490	< 50	< 50	< 63	< 50	< 50	< 50	< 74	< 50	< 110	< 86	< 60	< 220
Trichlorofluoromethane	ug/kg	< 100	< 100	< 490	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 220
Vinyl chloride	ug/kg	< 42	< 41	< 490	< 40	< 40	< 63	< 40	< 40	< 40	< 74	< 50	< 110	< 86	< 60	< 220
Xylenes	ug/kg	< 100	< 100	< 990	< 100	< 100	< 130	< 100	< 100	< 100	< 150	< 100	< 220	< 170	< 120	< 430

	Date \ Time Collected	1/30/2014 10:25 AM	2/4/2014 2:15 PM	2/4/2014 2:15 PM	2/5/2014 1:45 PM	2/11/2014 10:00 AM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/16/2011 4:20 PM	9/16/2011 5:35 PM	9/16/2011 5:50 PM	9/16/2011 5:50 PM	9/16/2011 6:05 PM	9/17/2011 9:00 AM	9/17/2011 9:15 AM	9/21/2011 12:05 PM
	Location	SBTC0100L 508	SBTC0100L 510	SBTC0100L 510	SBTC0100L 512	SBTC0100L 514	SBTC0100L 516	SBTC0100L 516	SBTC0100R 002	SBTC0100R 004	SBTC0100R 005	SBTC0100R 005	SBTC0100R 005	SBTC0100R 006	SBTC0100R 006	SBTC0100R 007A
	Sample	SBTC0100L 508S 013014S007	SBTC0100L 510S 020414S029	SBTC0100L 510D 020414S029	SBTC0100L 512S 020514S022	SBTC0100L 514S 021114S054	SBTC0100L 516S 021914S072	SBTC0100L 516D 021914S072	SBTC0100R 002S 091611S075	SBTC0100R 004S 091611S070	SBTC0100R 005S 091611S003	SBTC0100R005S091611S003-split	SBTC0100R 005S 091611S080	SBTC0100R 006S 091711S010	SBTC0100R 006S 091711S071	SBTC0100R 007AS 092111S010
	Depth	0 - 0.7 ft	2.3 - 2.9 ft	2.3 - 2.9 ft	1.6 - 2.2 ft	4.9 - 5.4 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	6.5 - 7 ft	0 - 0.3 ft	0 - 0.3 ft	7.5 - 8 ft	0.5 - 1 ft	6.6 - 7.1 ft	0 - 1 ft
	USCS Code	SP-SM	ML	ML	SW	ML-CL	ML/PT/SP	ML/PT/SP	SW	SM	OL	OL	SW	OL	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	**9.9**	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	**45**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	---	---	---	< 0.50	**0.53**	< 0.50	**0.41**	< 0.50	< 0.50	< 0.50	< 0.61
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	**0.23**	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	**12**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	**10**	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	**16000**	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	**6.4**	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.05	---	---	---	---
Molybdenum	mg/kg	**1.3**	**3.5**	< 1.0	< 1.0	**22**	---	---	**2.6**	**6.7**	**1.1**	**1.1**	< 1.0	**3.6**	< 1.0	**3.3**
Nickel	mg/kg	**7.1**	**9.3**	**4.5**	**6.1**	---	---	---	**19**	**22**	**11**	**13**	**12**	**9.6**	**15**	**11**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	**0.40**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**11**	**6.4**	**4.1**	**6.2**	---	**19**	**31**	**46**	**65**	**19**	**19**	**23**	**17**	**28**	**18**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	**35**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 710	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 560	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	---	---	---	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330

	Date \ Time Collected	1/30/2014 10:25 AM	2/4/2014 2:15 PM	2/4/2014 2:15 PM	2/5/2014 1:45 PM	2/11/2014 10:00 AM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/16/2011 4:20 PM	9/16/2011 5:35 PM	9/16/2011 5:50 PM	9/16/2011 5:50 PM	9/16/2011 6:05 PM	9/17/2011 9:00 AM	9/17/2011 9:15 AM	9/21/2011 12:05 PM
	Location	SBTC0100L 508	SBTC0100L 510	SBTC0100L 510	SBTC0100L 512	SBTC0100L 514	SBTC0100L 516	SBTC0100L 516	SBTC0100R 002	SBTC0100R 004	SBTC0100R 005	SBTC0100R 005	SBTC0100R 005	SBTC0100R 006	SBTC0100R 006	SBTC0100R 007A
	Sample	SBTC0100L 508S 013014S007	SBTC0100L 510S 020414S029	SBTC0100L 510D 020414S029	SBTC0100L 512S 020514S022	SBTC0100L 514S 021114S054	SBTC0100L 516S 021914S072	SBTC0100L 516D 021914S072	SBTC0100R 002S 091611S075	SBTC0100R 004S 091611S070	SBTC0100R 005S 091611S003	SBTC0100R005S091611S003-split	SBTC0100R 005S 091611S080	SBTC0100R 006S 091711S010	SBTC0100R 006S 091711S071	SBTC0100R 007AS 092111S010
	Depth	0 - 0.7 ft	2.3 - 2.9 ft	2.3 - 2.9 ft	1.6 - 2.2 ft	4.9 - 5.4 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	6.5 - 7 ft	0 - 0.3 ft	0 - 0.3 ft	7.5 - 8 ft	0.5 - 1 ft	6.6 - 7.1 ft	0 - 1 ft
	USCS Code	SP-SM	ML	ML	SW	ML-CL	ML/PT/SP	ML/PT/SP	SW	SM	OL	OL	SW	OL	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Solids																
Moisture	%	**55**	**49**	**41**	**17**	**23**	**56**	**52**	**11**	**15**	**27**	---	**7.1**	**62**	**8.8**	**70**
Solids	%	---	---	---	---	---	---	---	---	---	---	**70.8**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	---	---	---	---	---	---	---	< 4.0	**6.4**	**4.5**	---	**5.2**	**13**	**4.3**	< 8.4
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 35000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	---	---	---	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 9700	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	---	---	---	**12**	**13**	**8.3**	---	**9.1**	**18**	**6.4**	**33**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 140000	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,1,1-Trichloroethane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,1,2,2-Tetrachloroethane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,1,2-Trichloroethane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,1-Dichloroethane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,1-Dichloroethylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
1,2,3-Trichloropropane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 97	< 250	< 340	< 250	< 570
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
1,2,4-Trimethylbenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,2-Dichlorobenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,2-Dichloroethane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,2-Dichloropropane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,3,5-Trimethylbenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,3-Dichlorobenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
1,3-Dichloropropene, cis	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,3-Dichloropropene, trans	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
1,4-Dichloro-2-butene, trans	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 480	< 50	< 340	< 50	< 570
1,4-Dichlorobenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
2-Butanone (MEK)	ug/kg	< 760	< 750	< 750	< 750	---	---	---	< 750	< 750	< 750	< 480	< 750	< 1100	< 750	< 1900
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	---	---	---	< 2500	< 2500	< 2500	< 480	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 760	< 610	< 430	< 330	---	---	---	< 330	< 330	< 330	< 480	< 330	< 1100	< 330	< 1900
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	---	---	---	< 2500	< 2500	< 2500	< 480	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	1/30/2014 10:25 AM	2/4/2014 2:15 PM	2/4/2014 2:15 PM	2/5/2014 1:45 PM	2/11/2014 10:00 AM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/16/2011 4:20 PM	9/16/2011 5:35 PM	9/16/2011 5:50 PM	9/16/2011 5:50 PM	9/16/2011 6:05 PM	9/17/2011 9:00 AM	9/17/2011 9:15 AM	9/21/2011 12:05 PM
	Location	SBTC0100L 508	SBTC0100L 510	SBTC0100L 510	SBTC0100L 512	SBTC0100L 514	SBTC0100L 516	SBTC0100L 516	SBTC0100R 002	SBTC0100R 004	SBTC0100R 005	SBTC0100R 005	SBTC0100R 005	SBTC0100R 006	SBTC0100R 006	SBTC0100R 007A
	Sample	SBTC0100L 508S 013014S007	SBTC0100L 510S 020414S029	SBTC0100L 510D 020414S029	SBTC0100L 512S 020514S022	SBTC0100L 514S 021114S054	SBTC0100L 516S 021914S072	SBTC0100L 516D 021914S072	SBTC0100R 002S 091611S075	SBTC0100R 004S 091611S070	SBTC0100R 005S 091611S003	SBTC0100R005S091611S003-split	SBTC0100R 005S 091611S080	SBTC0100R 006S 091711S010	SBTC0100R 006S 091711S071	SBTC0100R 007AS 092111S010
	Depth	0 - 0.7 ft	2.3 - 2.9 ft	2.3 - 2.9 ft	1.6 - 2.2 ft	4.9 - 5.4 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	6.5 - 7 ft	0 - 0.3 ft	0 - 0.3 ft	7.5 - 8 ft	0.5 - 1 ft	6.6 - 7.1 ft	0 - 1 ft
	USCS Code	SP-SM	ML	ML	SW	ML-CL	ML/PT/SP	ML/PT/SP	SW	SM	OL	OL	SW	OL	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
Acetone	ug/kg	< 1900	< 1500	< 1100	< 1000	---	---	---	< 1000	< 1000	< 1000	< 1900	< 1000	< 2800	< 1000	< 4800
Acrylonitrile	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 480	< 100	< 340	< 100	< 570
Benzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Bromobenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Bromochloromethane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Bromodichloromethane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Bromoform	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Bromomethane	ug/kg	< 230	< 200	< 200	< 200	---	---	---	< 200	< 200	< 200	< 390	< 200	< 340	< 200	< 570
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 97	< 250	< 340	< 250	< 570
Carbon tetrachloride	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Chlorobenzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Chloroethane	ug/kg	< 760	< 610	< 430	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 1100	< 250	< 1900
Chloroform	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
cis-1,2-Dichloroethylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	---	---	---	< 500	< 500	< 500	< 480	< 500	< 500	< 500	< 570
Dibromochloromethane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Dibromochloropropane	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 42	< 44	< 70	< 480	< 35	< 340	< 42	< 570
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 97	< 250	< 340	< 250	< 570
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
Diethyl ether	ug/kg	< 230	< 200	< 200	< 200	---	---	---	< 200	< 200	< 200	< 390	< 200	< 340	< 200	< 570
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
Ethylbenzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Ethylene dibromide	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 42	< 44	< 70	< 97	< 35	< 340	< 42	< 570
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	---	---	---	< 300	< 300	< 300	< 480	< 300	< 340	< 300	< 570
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 97	< 250	< 340	< 250	< 570
m&p-Xylene	ug/kg	< 460	< 360	< 260	< 100	---	---	---	< 100	< 100	< 140	< 190	< 100	< 680	< 100	< 1100
Methyl Iodide	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Methylene chloride	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 190	< 100	< 340	< 100	< 570
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 97	< 250	< 340	< 250	< 570
Naphthalene	ug/kg	< 760	< 610	< 430	< 330	---	---	---	< 330	< 330	< 330	< 480	< 330	< 1100	< 330	< 1900
n-Butylbenzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
n-Propylbenzene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
o-Xylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570

	Date \ Time Collected	1/30/2014 10:25 AM	2/4/2014 2:15 PM	2/4/2014 2:15 PM	2/5/2014 1:45 PM	2/11/2014 10:00 AM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/16/2011 4:20 PM	9/16/2011 5:35 PM	9/16/2011 5:50 PM	9/16/2011 5:50 PM	9/16/2011 6:05 PM	9/17/2011 9:00 AM	9/17/2011 9:15 AM	9/21/2011 12:05 PM
	Location	SBTC0100L 508	SBTC0100L 510	SBTC0100L 510	SBTC0100L 512	SBTC0100L 514	SBTC0100L 516	SBTC0100L 516	SBTC0100R 002	SBTC0100R 004	SBTC0100R 005	SBTC0100R 005	SBTC0100R 005	SBTC0100R 006	SBTC0100R 006	SBTC0100R 007A
	Sample	SBTC0100L 508S 013014S007	SBTC0100L 510S 020414S029	SBTC0100L 510D 020414S029	SBTC0100L 512S 020514S022	SBTC0100L 514S 021114S054	SBTC0100L 516S 021914S072	SBTC0100L 516D 021914S072	SBTC0100R 002S 091611S075	SBTC0100R 004S 091611S070	SBTC0100R 005S 091611S003	SBTC0100R005S091611S003-split	SBTC0100R 005S 091611S080	SBTC0100R 006S 091711S010	SBTC0100R 006S 091711S071	SBTC0100R 007AS 092111S010
	Depth	0 - 0.7 ft	2.3 - 2.9 ft	2.3 - 2.9 ft	1.6 - 2.2 ft	4.9 - 5.4 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	6.5 - 7 ft	0 - 0.3 ft	0 - 0.3 ft	7.5 - 8 ft	0.5 - 1 ft	6.6 - 7.1 ft	0 - 1 ft
	USCS Code	SP-SM	ML	ML	SW	ML-CL	ML/PT/SP	ML/PT/SP	SW	SM	OL	OL	SW	OL	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
sec-Butylbenzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Styrene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	---	---	---	< 250	< 250	< 250	< 480	< 250	< 340	< 250	< 570
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	---	---	---	< 2500	< 2500	< 2500	< 4800	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Tetrachloroethylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	---	---	---	< 1000	< 1000	< 1000	< 480	< 1000	< 1100	< 1000	< 1900
Toluene	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
trans-1,2-Dichloroethylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Trichloroethylene	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 50	< 50	< 70	< 97	< 50	< 340	< 50	< 570
Trichlorofluoromethane	ug/kg	< 230	< 180	< 130	< 100	---	---	---	< 100	< 100	< 100	< 97	< 100	< 340	< 100	< 570
Vinyl chloride	ug/kg	< 230	< 180	< 130	< 51	---	---	---	< 42	< 44	< 70	< 97	< 40	< 340	< 42	< 570
Xylenes	ug/kg	< 460	< 360	< 260	< 100	---	---	---	< 100	< 100	< 140	---	< 100	< 680	< 100	< 1100

	Date \ Time Collected	9/21/2011 12:05 PM	9/21/2011 2:40 PM	9/21/2011 2:45 PM	9/21/2011 2:45 PM	9/21/2011 5:15 PM	9/21/2011 3:30 PM	9/21/2011 3:35 PM	9/21/2011 4:25 PM	9/21/2011 4:25 PM	9/17/2011 8:10 AM	9/17/2011 8:30 AM	9/17/2011 9:10 AM	9/17/2011 9:10 AM	9/17/2011 4:35 PM	9/17/2011 5:05 PM
	Location	SBTC0100R 007A	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007C	SBTC0100R 009A	SBTC0100R 009A	SBTC0100R 009B	SBTC0100R 009B	SBTC0100R 010	SBTC0100R 010	SBTC0100R 011	SBTC0100R 011	SBTC0100R 014	SBTC0100R 014
	Sample	SBTC0100R 007AS 092111S070	SBTC0100R 007BS 092111S010	SBTC0100R 007BS 092111S074	SBTC0100R007BS092111S074-split	SBTC0100R 007CS 092111S051	SBTC0100R 009AS 092111S010	SBTC0100R 009AS 092111S072	SBTC0100R 009BS 092111S010	SBTC0100R 009BS 092111S072	SBTC0100R 010S 091711S010	SBTC0100R 010S 091711S068	SBTC0100R 011S 091711S076	SBTC0100R 011D 091711S076	SBTC0100R 014S 091711S008	SBTC0100R 014S 091711S073
	Depth	6.5 - 7 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	4.6 - 5.1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.3 - 6.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	0 - 1 ft	6.8 - 7.3 ft
	USCS Code	SW	OL	SW	SW	OL	OL	SP	OL	SW	OL	GW	SW	SW	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**27**	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	**13**	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.61	< 0.50	**0.21**	< 0.50	< 0.50	< 0.50	< 0.81	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**12**	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**7.9**	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	**15000**	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	**6.2**	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	< 0.05	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.7**	**4.0**	**1.2**	**1.3**	**9.9**	**1.3**	**1.2**	**2.3**	**5.2**	**2.3**	< 1.0	**1.5**	**1.2**	**3.2**	< 1.0
Nickel	mg/kg	**9.3**	**8.9**	**19**	**25**	**11**	**8.6**	**22**	**13**	**20**	**4.4**	**10**	**14**	**11**	**9.0**	**15**
Selenium	mg/kg	---	---	---	**0.64**	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**9.0**	**16**	**48**	**29**	**14**	**14**	**19**	**21**	**24**	**6.1**	**14**	**27**	**23**	**13**	**32**
Zinc	mg/kg	---	---	---	**34**	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/21/2011 12:05 PM	9/21/2011 2:40 PM	9/21/2011 2:45 PM	9/21/2011 2:45 PM	9/21/2011 5:15 PM	9/21/2011 3:30 PM	9/21/2011 3:35 PM	9/21/2011 4:25 PM	9/21/2011 4:25 PM	9/17/2011 8:10 AM	9/17/2011 8:30 AM	9/17/2011 9:10 AM	9/17/2011 9:10 AM	9/17/2011 4:35 PM	9/17/2011 5:05 PM
	Location	SBTC0100R 007A	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007C	SBTC0100R 009A	SBTC0100R 009A	SBTC0100R 009B	SBTC0100R 009B	SBTC0100R 010	SBTC0100R 010	SBTC0100R 011	SBTC0100R 011	SBTC0100R 014	SBTC0100R 014
	Sample	SBTC0100R 007AS 092111S070	SBTC0100R 007BS 092111S010	SBTC0100R 007BS 092111S074	SBTC0100R007BS092111S074-split	SBTC0100R 007CS 092111S051	SBTC0100R 009AS 092111S010	SBTC0100R 009AS 092111S072	SBTC0100R 009BS 092111S010	SBTC0100R 009BS 092111S072	SBTC0100R 010S 091711S010	SBTC0100R 010S 091711S068	SBTC0100R 011S 091711S076	SBTC0100R 011D 091711S076	SBTC0100R 014S 091711S008	SBTC0100R 014S 091711S073
	Depth	6.5 - 7 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	4.6 - 5.1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.3 - 6.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	0 - 1 ft	6.8 - 7.3 ft
	USCS Code	SW	OL	SW	SW	OL	OL	SP	OL	SW	OL	GW	SW	SW	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Solids																
Moisture	%	**8.5**	**74**	**14**	---	**34**	**41**	**9.6**	**73**	**12**	**33**	**6.6**	**19**	**16**	**56**	**11**
Solids	%	---	---	---	**85.6**	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	**11**	**4.6**	---	**7.1**	**6.0**	**4.3**	**13**	**4.7**	**7.4**	**5.1**	**4.3**	**4.4**	**9.7**	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 29000	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 6600	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**31**	**28**	**8.4**	---	**12**	**17**	< 4.0	**32**	< 4.0	**15**	**11**	< 4.0	< 4.0	**31**	< 4.0
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 120000	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,1-Dichloroethane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 770	< 250	< 66	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,2-Dichloroethane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,2-Dichloropropane	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 770	< 50	< 330	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
2-Butanone (MEK)	ug/kg	< 750	< 2600	< 750	< 330	< 750	< 750	< 750	< 2400	< 750	< 750	< 750	< 750	< 750	< 810	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 2600	< 330	< 330	< 330	< 400	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 810	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/21/2011 12:05 PM	9/21/2011 2:40 PM	9/21/2011 2:45 PM	9/21/2011 2:45 PM	9/21/2011 5:15 PM	9/21/2011 3:30 PM	9/21/2011 3:35 PM	9/21/2011 4:25 PM	9/21/2011 4:25 PM	9/17/2011 8:10 AM	9/17/2011 8:30 AM	9/17/2011 9:10 AM	9/17/2011 9:10 AM	9/17/2011 4:35 PM	9/17/2011 5:05 PM
	Location	SBTC0100R 007A	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007C	SBTC0100R 009A	SBTC0100R 009A	SBTC0100R 009B	SBTC0100R 009B	SBTC0100R 010	SBTC0100R 010	SBTC0100R 011	SBTC0100R 011	SBTC0100R 014	SBTC0100R 014
	Sample	SBTC0100R 007AS 092111S070	SBTC0100R 007BS 092111S010	SBTC0100R 007BS 092111S074	SBTC0100R007BS092111S074-split	SBTC0100R 007CS 092111S051	SBTC0100R 009AS 092111S010	SBTC0100R 009AS 092111S072	SBTC0100R 009BS 092111S010	SBTC0100R 009BS 092111S072	SBTC0100R 010S 091711S010	SBTC0100R 010S 091711S068	SBTC0100R 011S 091711S076	SBTC0100R 011D 091711S076	SBTC0100R 014S 091711S008	SBTC0100R 014S 091711S073
	Depth	6.5 - 7 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	4.6 - 5.1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.3 - 6.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	0 - 1 ft	6.8 - 7.3 ft
	USCS Code	SW	OL	SW	SW	OL	OL	SP	OL	SW	OL	GW	SW	SW	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Acetone	ug/kg	< 1000	< 6400	< 1000	< 1300	< 1000	< 1000	< 1000	< 6000	< 1000	< 1000	< 1000	< 1000	< 1000	< 2000	< 1000
Acrylonitrile	ug/kg	< 100	< 770	< 100	< 330	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Benzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Bromobenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Bromochloromethane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Bromodichloromethane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Bromoform	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Bromomethane	ug/kg	< 200	< 770	< 200	< 260	< 200	< 200	< 200	< 720	< 200	< 200	< 200	< 200	< 200	< 240	< 200
Carbon disulfide	ug/kg	< 250	< 770	< 250	< 66	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Chlorobenzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Chloroethane	ug/kg	< 250	< 2600	< 250	< 330	< 310	< 400	< 250	< 2400	< 250	< 300	< 250	< 250	< 250	< 810	< 250
Chloroform	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Chloromethane	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Cyclohexane	ug/kg	< 500	< 770	< 500	< 330	< 500	< 500	< 500	< 720	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Dibromochloropropane	ug/kg	< 39	< 770	< 46	< 330	< 93	< 120	< 40	< 720	< 43	< 91	< 32	< 37	< 37	< 240	< 42
Dibromomethane	ug/kg	< 250	< 770	< 250	< 66	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 770	< 200	< 260	< 200	< 200	< 200	< 720	< 200	< 200	< 200	< 200	< 200	< 240	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Ethylene dibromide	ug/kg	< 39	< 770	< 46	< 66	< 93	< 120	< 40	< 720	< 43	< 91	< 32	< 37	< 37	< 240	< 42
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 770	< 300	< 330	< 300	< 300	< 300	< 720	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 770	< 250	< 66	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 1500	< 100	< 130	< 190	< 240	< 100	< 1400	< 100	< 180	< 100	< 100	< 100	< 480	< 100
Methyl Iodide	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Methylene chloride	ug/kg	< 100	< 1300	< 100	< 130	< 100	< 200	< 100	< 1200	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 770	< 250	< 66	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 2600	< 330	< 330	< 330	< 400	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 810	< 330
n-Butylbenzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
n-Propylbenzene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
o-Xylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/21/2011 12:05 PM	9/21/2011 2:40 PM	9/21/2011 2:45 PM	9/21/2011 2:45 PM	9/21/2011 5:15 PM	9/21/2011 3:30 PM	9/21/2011 3:35 PM	9/21/2011 4:25 PM	9/21/2011 4:25 PM	9/17/2011 8:10 AM	9/17/2011 8:30 AM	9/17/2011 9:10 AM	9/17/2011 9:10 AM	9/17/2011 4:35 PM	9/17/2011 5:05 PM
	Location	SBTC0100R 007A	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007B	SBTC0100R 007C	SBTC0100R 009A	SBTC0100R 009A	SBTC0100R 009B	SBTC0100R 009B	SBTC0100R 010	SBTC0100R 010	SBTC0100R 011	SBTC0100R 011	SBTC0100R 014	SBTC0100R 014
	Sample	SBTC0100R 007AS 092111S070	SBTC0100R 007BS 092111S010	SBTC0100R 007BS 092111S074	SBTC0100R007BS092111S074-split	SBTC0100R 007CS 092111S051	SBTC0100R 009AS 092111S010	SBTC0100R 009AS 092111S072	SBTC0100R 009BS 092111S010	SBTC0100R 009BS 092111S072	SBTC0100R 010S 091711S010	SBTC0100R 010S 091711S068	SBTC0100R 011S 091711S076	SBTC0100R 011D 091711S076	SBTC0100R 014S 091711S008	SBTC0100R 014S 091711S073
	Depth	6.5 - 7 ft	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	4.6 - 5.1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	6.3 - 6.8 ft	7.1 - 7.6 ft	7.1 - 7.6 ft	0 - 1 ft	6.8 - 7.3 ft
	USCS Code	SW	OL	SW	SW	OL	OL	SP	OL	SW	OL	GW	SW	SW	OL	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
sec-Butylbenzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Styrene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 770	< 250	< 330	< 250	< 250	< 250	< 720	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2600	< 2500	< 3300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Tetrachloroethylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Tetrahydrofuran	ug/kg	< 1000	< 2600	< 1000	< 330	< 1000	< 1000	< 1000	< 2400	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Trichloroethylene	ug/kg	< 50	< 770	< 50	< 66	< 93	< 120	< 50	< 720	< 50	< 91	< 50	< 50	< 50	< 240	< 50
Trichlorofluoromethane	ug/kg	< 100	< 770	< 100	< 66	< 100	< 120	< 100	< 720	< 100	< 100	< 100	< 100	< 100	< 240	< 100
Vinyl chloride	ug/kg	< 40	< 770	< 46	< 66	< 93	< 120	< 40	< 720	< 43	< 91	< 40	< 40	< 40	< 240	< 42
Xylenes	ug/kg	< 100	< 1500	< 100	---	< 190	< 240	< 100	< 1400	< 100	< 180	< 100	< 100	< 100	< 480	< 100

	Date \ Time Collected	9/17/2011 4:45 PM	9/17/2011 5:04 PM	9/17/2011 5:04 PM	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 1:20 PM	9/19/2011 10:55 AM	9/19/2011 10:55 AM	9/19/2011 10:20 AM	9/19/2011 10:20 AM	9/19/2011 1:10 PM	9/19/2011 1:10 PM	9/19/2011 11:45 AM	9/19/2011 1:08 PM
	Location	SBTC0100R 015	SBTC0100R 015	SBTC0100R 015	SBTC0100R 017	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 021	SBTC0100R 022	SBTC0100R 022
	Sample	SBTC0100R 015S 091711S010	SBTC0100R 015S 091711S074	SBTC0100R015 5S091711S07 4-SPLIT	SBTC0100R 017S 091911S077	SBTC0100R 017D 091911S077	SBTC0100R 018S 091911S077	SBTC0100R 019S 091911S080	SBTC0100R01 9S091911S08 0-SPLIT	SBTC0100R 020S 091911S079	SBTC0100R 020D 091911S079	SBTC0100R 021S 091911S075	SBTC0100R02 1S091911S07 5-SPLIT	SBTC0100R 022S 091911S010	SBTC0100R 022S 091911S077
	Depth	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.5 - 8 ft	7.5 - 8 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	7.2 - 7.7 ft
	USCS Code	OL	GW-GC	GW-GC	ML	ML	SW	ML	ML	OL	OL	PT	PT	OL	SW-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Duplicate	Result	Result	Split	Result	Duplicate	Result	Split	Result	Result
Metals															
Arsenic	mg/kg	---	---	**49**	---	---	---	---	**22**	---	---	---	**50**	---	---
Barium	mg/kg	---	---	**15**	---	---	---	---	**65**	---	---	---	**75**	---	---
Beryllium	mg/kg	< 0.56	< 0.50	**0.48**	< 0.50	< 0.50	< 0.50	< 0.50	**0.28**	< 0.50	**0.53**	< 0.50	< 0.2	< 0.55	< 0.50
Cadmium	mg/kg	---	---	< 0.2	---	---	---	---	< 0.2	---	---	---	< 0.2	---	---
Chromium (Total)	mg/kg	---	---	**23**	---	---	---	---	**8.0**	---	---	---	**6.3**	---	---
Copper	mg/kg	---	---	**7.8**	---	---	---	---	**7.0**	---	---	---	**6.1**	---	---
Iron	mg/kg	---	---	**36000**	---	---	---	---	**30000**	---	---	---	**43000**	---	---
Lead	mg/kg	---	---	**9.7**	---	---	---	---	**4.0**	---	---	---	**3.7**	---	---
Mercury (Total)	mg/kg	---	---	< 0.05	---	---	---	---	< 0.12	---	---	---	< 0.12	---	---
Molybdenum	mg/kg	**2.5**	**2.8**	**1.6**	**20**	**13**	< 1.0	**1.1**	**3.9**	**13**	**15**	**88**	**23**	**4.2**	< 1.0
Nickel	mg/kg	**13**	**22**	**27**	**11**	**7.1**	**5.9**	**5.4**	**10**	**15**	**19**	**7.6**	**11**	**8.1**	**9.4**
Selenium	mg/kg	---	---	**0.34**	---	---	---	---	**0.67**	---	---	---	**0.49**	---	---
Silver	mg/kg	---	---	< 0.1	---	---	---	---	< 0.1	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**25**	**56**	**60**	**14**	**12**	**9.0**	**8.0**	**14**	**28**	**34**	**9.9**	**12**	**11**	**13**
Zinc	mg/kg	---	---	**51**	---	---	---	---	**28**	---	---	---	**21**	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 570	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 1100	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 820	< 330	< 330	< 330	< 870	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 230	< 330	< 330	< 330	< 330	< 410	< 330	< 330	< 330	< 430	< 330	< 330

	Date \ Time Collected	9/17/2011 4:45 PM	9/17/2011 5:04 PM	9/17/2011 5:04 PM	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 1:20 PM	9/19/2011 10:55 AM	9/19/2011 10:55 AM	9/19/2011 10:20 AM	9/19/2011 10:20 AM	9/19/2011 1:10 PM	9/19/2011 1:10 PM	9/19/2011 11:45 AM	9/19/2011 1:08 PM
	Location	SBTC0100R 015	SBTC0100R 015	SBTC0100R 015	SBTC0100R 017	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 021	SBTC0100R 022	SBTC0100R 022
	Sample	SBTC0100R 015S 091711S010	SBTC0100R 015S 091711S074	SBTC0100R015 5S091711S07 4-SPLIT	SBTC0100R 017S 091911S077	SBTC0100R 017D 091911S077	SBTC0100R 018S 091911S077	SBTC0100R 019S 091911S080	SBTC0100R01 9S091911S08 0-SPLIT	SBTC0100R 020S 091911S079	SBTC0100R 020D 091911S079	SBTC0100R 021S 091911S075	SBTC0100R02 1S091911S07 5-SPLIT	SBTC0100R 022S 091911S010	SBTC0100R 022S 091911S077
	Depth	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.5 - 8 ft	7.5 - 8 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	7.2 - 7.7 ft
	USCS Code	OL	GW-GC	GW-GC	ML	ML	SW	ML	ML	OL	OL	PT	PT	OL	SW-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Duplicate	Result	Result	Split	Result	Duplicate	Result	Split	Result	Result
Solids															
Moisture	%	**64**	**11**	---	**41**	**44**	**14**	**30**	---	**27**	**28**	**65**	---	**69**	**9.5**
Solids	%	---	---	**88.0**	---	---	---	---	**48.9**	---	---	---	**46.2**	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**7.9**	< 4.0	---	**5.0**	**5.6**	**5.1**	**5.6**	---	**4.1**	**4.2**	**10**	---	**12**	**5.1**
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 28000	---	---	---	---	< 51000	---	---	---	< 54000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	< 6600	---	---	---	---	< 16000	---	---	---	< 16000	---	---
Oil Range Organics (C20-C34)	mg/kg	**37**	< 4.0	---	**5.1**	**11**	**14**	**12**	---	**4.8**	< 4.0	**11**	---	**57**	**9.0**
Oil Range Organics (C20-C34)	ug/kg	---	---	< 110000	---	---	---	---	< 200000	---	---	---	< 220000	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,1,1-Trichloroethane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,1,2-Trichloroethane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,1-Dichloroethane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,1-Dichloroethylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,2,3-Trichlorobenzene	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
1,2,3-Trichloropropane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,2,3-Trimethylbenzene	ug/kg	< 380	< 250	< 66	< 250	< 250	< 250	< 250	< 160	< 250	< 250	< 410	< 160	< 530	< 250
1,2,4-Trichlorobenzene	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
1,2,4-Trimethylbenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,2-Dichlorobenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,2-Dichloroethane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,2-Dichloropropane	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,3,5-Trimethylbenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,3-Dichlorobenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
1,3-Dichloropropene, cis	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,3-Dichloropropene, trans	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 380	< 50	< 330	< 120	< 140	< 50	< 79	< 780	< 50	< 50	< 410	< 820	< 530	< 50
1,4-Dichlorobenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
2-Butanone (MEK)	ug/kg	< 1300	< 750	< 330	< 750	< 750	< 750	< 750	< 780	< 750	< 750	< 1400	< 820	< 1800	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 780	< 2500	< 2500	< 2500	< 820	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1300	< 330	< 330	< 400	< 460	< 330	< 330	< 780	< 330	< 330	< 1400	< 820	< 1800	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 330	< 2500	< 2500	< 2500	< 2500	< 780	< 2500	< 2500	< 2500	< 820	< 2500	< 2500

	Date \ Time Collected	9/17/2011 4:45 PM	9/17/2011 5:04 PM	9/17/2011 5:04 PM	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 1:20 PM	9/19/2011 10:55 AM	9/19/2011 10:55 AM	9/19/2011 10:20 AM	9/19/2011 10:20 AM	9/19/2011 1:10 PM	9/19/2011 1:10 PM	9/19/2011 11:45 AM	9/19/2011 1:08 PM
	Location	SBTC0100R 015	SBTC0100R 015	SBTC0100R 015	SBTC0100R 017	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 021	SBTC0100R 022	SBTC0100R 022
	Sample	SBTC0100R 015S 091711S010	SBTC0100R 015S 091711S074	SBTC0100R015 5S091711S07 4-SPLIT	SBTC0100R 017S 091911S077	SBTC0100R 017D 091911S077	SBTC0100R 018S 091911S077	SBTC0100R 019S 091911S080	SBTC0100R01 9S091911S08 0-SPLIT	SBTC0100R 020S 091911S079	SBTC0100R 020D 091911S079	SBTC0100R 021S 091911S075	SBTC0100R02 1S091911S07 5-SPLIT	SBTC0100R 022S 091911S010	SBTC0100R 022S 091911S077
	Depth	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.5 - 8 ft	7.5 - 8 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	7.2 - 7.7 ft
	USCS Code	OL	GW-GC	GW-GC	ML	ML	SW	ML	ML	OL	OL	PT	PT	OL	SW-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Duplicate	Result	Result	Split	Result	Duplicate	Result	Split	Result	Result
Acetone	ug/kg	< 3200	< 1000	< 1300	< 1100	< 1100	< 1000	< 1000	< 3100	< 1000	< 1000	< 3500	< 3300	< 4400	< 1000
Acrylonitrile	ug/kg	< 380	< 100	< 330	< 120	< 140	< 100	< 100	< 780	< 100	< 100	< 410	< 820	< 530	< 100
Benzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Bromobenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Bromochloromethane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Bromodichloromethane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Bromoform	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Bromomethane	ug/kg	< 380	< 200	< 270	< 200	< 200	< 200	< 200	< 620	< 200	< 200	< 410	< 650	< 530	< 200
Carbon disulfide	ug/kg	< 380	< 250	< 66	< 250	< 250	< 250	< 250	< 160	< 250	< 250	< 410	< 160	< 530	< 250
Carbon tetrachloride	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Chlorobenzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Chloroethane	ug/kg	< 1300	< 250	< 330	< 400	< 460	< 250	< 260	< 780	< 250	< 250	< 1400	< 820	< 1800	< 250
Chloroform	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Chloromethane	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
cis-1,2-Dichloroethylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Cyclohexane	ug/kg	< 500	< 500	< 330	< 500	< 500	< 500	< 500	< 780	< 500	< 500	< 500	< 820	< 530	< 500
Dibromochloromethane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Dibromochloropropane	ug/kg	< 380	< 42	< 330	< 120	< 140	< 46	< 79	< 780	< 44	< 42	< 410	< 820	< 530	< 40
Dibromomethane	ug/kg	< 380	< 250	< 66	< 250	< 250	< 250	< 250	< 160	< 250	< 250	< 410	< 160	< 530	< 250
Dichlorodifluoromethane	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
Diethyl ether	ug/kg	< 380	< 200	< 270	< 200	< 200	< 200	< 200	< 620	< 200	< 200	< 410	< 650	< 530	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
Ethylbenzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Ethylene dibromide	ug/kg	< 380	< 42	< 66	< 120	< 140	< 46	< 79	< 160	< 44	< 42	< 410	< 160	< 530	< 40
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
Hexachloroethane	ug/kg	< 380	< 300	< 330	< 300	< 300	< 300	< 300	< 780	< 300	< 300	< 410	< 820	< 530	< 300
Isopropyl benzene	ug/kg	< 380	< 250	< 66	< 250	< 250	< 250	< 250	< 160	< 250	< 250	< 410	< 160	< 530	< 250
m&p-Xylene	ug/kg	< 760	< 100	< 130	< 240	< 280	< 100	< 160	< 310	< 100	< 100	< 830	< 330	< 1100	< 100
Methyl Iodide	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Methylene chloride	ug/kg	< 380	< 100	< 130	< 120	< 140	< 100	< 100	< 310	< 100	< 100	< 410	< 330	< 530	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 380	< 250	< 66	< 250	< 250	< 250	< 250	< 160	< 250	< 250	< 410	< 160	< 530	< 250
Naphthalene	ug/kg	< 1300	< 330	< 330	< 400	< 460	< 330	< 330	< 780	< 330	< 330	< 1400	< 820	< 1800	< 330
n-Butylbenzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
n-Propylbenzene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
o-Xylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50

	Date \ Time Collected	9/17/2011 4:45 PM	9/17/2011 5:04 PM	9/17/2011 5:04 PM	9/19/2011 9:10 AM	9/19/2011 9:10 AM	9/19/2011 1:20 PM	9/19/2011 10:55 AM	9/19/2011 10:55 AM	9/19/2011 10:20 AM	9/19/2011 10:20 AM	9/19/2011 1:10 PM	9/19/2011 1:10 PM	9/19/2011 11:45 AM	9/19/2011 1:08 PM
	Location	SBTC0100R 015	SBTC0100R 015	SBTC0100R 015	SBTC0100R 017	SBTC0100R 017	SBTC0100R 018	SBTC0100R 019	SBTC0100R 019	SBTC0100R 020	SBTC0100R 020	SBTC0100R 021	SBTC0100R 021	SBTC0100R 022	SBTC0100R 022
	Sample	SBTC0100R 015S 091711S010	SBTC0100R 015S 091711S074	SBTC0100R015 5S091711S07 4-SPLIT	SBTC0100R 017S 091911S077	SBTC0100R 017D 091911S077	SBTC0100R 018S 091911S077	SBTC0100R 019S 091911S080	SBTC0100R01 9S091911S08 0-SPLIT	SBTC0100R 020S 091911S079	SBTC0100R 020D 091911S079	SBTC0100R 021S 091911S075	SBTC0100R02 1S091911S07 5-SPLIT	SBTC0100R 022S 091911S010	SBTC0100R 022S 091911S077
	Depth	0 - 1 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.2 - 7.7 ft	7.5 - 8 ft	7.5 - 8 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	7.2 - 7.7 ft
	USCS Code	OL	GW-GC	GW-GC	ML	ML	SW	ML	ML	OL	OL	PT	PT	OL	SW-SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Duplicate	Result	Result	Split	Result	Duplicate	Result	Split	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
sec-Butylbenzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Styrene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 380	< 250	< 330	< 250	< 250	< 250	< 250	< 780	< 250	< 250	< 410	< 820	< 530	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 3300	< 2500	< 2500	< 2500	< 2500	< 7800	< 2500	< 2500	< 2500	< 8200	< 2500	< 2500
t-Butylbenzene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Tetrachloroethylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Tetrahydrofuran	ug/kg	< 1300	< 1000	< 330	< 1000	< 1000	< 1000	< 1000	< 780	< 1000	< 1000	< 1400	< 820	< 1800	< 1000
Toluene	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
trans-1,2-Dichloroethylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Trichloroethylene	ug/kg	< 380	< 50	< 66	< 120	< 140	< 50	< 79	< 160	< 50	< 50	< 410	< 160	< 530	< 50
Trichlorofluoromethane	ug/kg	< 380	< 100	< 66	< 120	< 140	< 100	< 100	< 160	< 100	< 100	< 410	< 160	< 530	< 100
Vinyl chloride	ug/kg	< 380	< 42	< 66	< 120	< 140	< 46	< 79	< 160	< 44	< 42	< 410	< 160	< 530	< 40
Xylenes	ug/kg	< 760	< 100	---	< 240	< 280	< 100	< 160	---	< 100	< 100	< 830	---	< 1100	< 100

	Date \ Time Collected	9/19/2011 1:15 PM	9/19/2011 1:15 PM	9/19/2011 1:47 PM	9/19/2011 1:35 PM	9/19/2011 2:00 PM	9/19/2011 2:10 PM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/20/2011 10:08 AM	9/20/2011 10:08 AM	9/23/2011 11:25 AM	9/23/2011 11:25 AM	9/23/2011 11:40 AM	9/23/2011 11:40 AM
	Location	SBTC0100R 023	SBTC0100R 023	SBTC0100R 023	SBTC0100R 024	SBTC0100R 024	SBTC0100R 025	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A
	Sample	SBTC0100R 023S 091911S010	SBTC0100R023S01911S010-SPLIT	SBTC0100R 023S 091911S078	SBTC0100R 024S 091911S004	SBTC0100R 024S 091911S071	SBTC0100R 025S 091911S075	SBTC0100R 026S 092011S010	SBTC0100R026S092011S010-split	SBTC0100R 026S 092011S071	SBTC0100R 026D 092011S071	SBTC0100R 026AS 092311S006	SBTC0100R026AS092311S006-split	SBTC0100R 026AS 092311S069	SBTC0100R 026AD 092311S069
	Depth	0 - 1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 0.4 ft	6.6 - 7.1 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.6 ft	0 - 0.6 ft	6.4 - 6.9 ft	6.4 - 6.9 ft
	USCS Code	OL	OL	ML	OL	GP	ML	SM	SM	SW	SW	OL	OL	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Split	Result	Duplicate
Metals															
Arsenic	mg/kg	---	**92**	---	---	---	---	---	**82**	---	---	---	**11**	---	---
Barium	mg/kg	---	**250**	---	---	---	---	---	**98**	---	---	---	**55**	---	---
Beryllium	mg/kg	< 0.63	**0.26**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**1.7**	< 0.50	< 0.50	< 0.50	**0.35**	< 0.50	< 0.50
Cadmium	mg/kg	---	**0.42**	---	---	---	---	---	**0.26**	---	---	---	**0.27**	---	---
Chromium (Total)	mg/kg	---	**6.0**	---	---	---	---	---	**9.7**	---	---	---	**9.6**	---	---
Copper	mg/kg	---	**13**	---	---	---	---	---	**9.9**	---	---	---	**17**	---	---
Iron	mg/kg	---	**150000**	---	---	---	---	---	**31000**	---	---	---	**17000**	---	---
Lead	mg/kg	---	**8.1**	---	---	---	---	---	**4.5**	---	---	---	**7.4**	---	---
Mercury (Total)	mg/kg	---	< 0.20	---	---	---	---	---	< 0.12	---	---	---	< 0.35	---	---
Molybdenum	mg/kg	**3.6**	**3.6**	**22**	**6.4**	**4.9**	**36**	< 1.0	**3.2**	< 1.0	< 1.0	**1.8**	**2.3**	< 1.0	< 1.0
Nickel	mg/kg	**8.6**	**6.8**	**14**	**14**	**11**	**15**	**5.1**	**9.2**	**4.2**	**3.6**	**13**	**11**	**3.3**	**2.8**
Selenium	mg/kg	---	**1.2**	---	---	---	---	---	**0.75**	---	---	---	**0.62**	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	< 0.1	---	---	---	< 0.1	---	---
Vanadium	mg/kg	**15**	**11**	**12**	**22**	**9.7**	**29**	**4.9**	**20**	**6.5**	**5.0**	**25**	**16**	**5.4**	**4.5**
Zinc	mg/kg	---	**38**	---	---	---	---	---	**34**	---	---	---	**33**	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 1600	< 330	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 3300	< 330	< 330
Acenaphthene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Anthracene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Chrysene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Fluoranthene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Fluorene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 810	< 330	< 330	< 330	< 2600	< 330	< 330
Naphthalene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Phenanthrene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330
Pyrene	ug/kg	< 330	< 650	< 330	< 330	< 330	< 330	< 330	< 400	< 330	< 330	< 330	< 1300	< 330	< 330

	Date \ Time Collected	9/19/2011 1:15 PM	9/19/2011 1:15 PM	9/19/2011 1:47 PM	9/19/2011 1:35 PM	9/19/2011 2:00 PM	9/19/2011 2:10 PM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/20/2011 10:08 AM	9/20/2011 10:08 AM	9/23/2011 11:25 AM	9/23/2011 11:25 AM	9/23/2011 11:40 AM	9/23/2011 11:40 AM
	Location	SBTC0100R 023	SBTC0100R 023	SBTC0100R 023	SBTC0100R 024	SBTC0100R 024	SBTC0100R 025	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A
	Sample	SBTC0100R 023S 091911S010	SBTC0100R023S01911S010-SPLIT	SBTC0100R 023S 091911S078	SBTC0100R 024S 091911S004	SBTC0100R 024S 091911S071	SBTC0100R 025S 091911S075	SBTC0100R 026S 092011S010	SBTC0100R026S092011S010-split	SBTC0100R 026S 092011S071	SBTC0100R 026D 092011S071	SBTC0100R 026AS 092311S006	SBTC0100R026AS092311S006-split	SBTC0100R 026AS 092311S069	SBTC0100R 026AD 092311S069
	Depth	0 - 1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 0.4 ft	6.6 - 7.1 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.6 ft	0 - 0.6 ft	6.4 - 6.9 ft	6.4 - 6.9 ft
	USCS Code	OL	OL	ML	OL	GP	ML	SM	SM	SW	SW	OL	OL	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Split	Result	Duplicate
Solids															
Moisture	%	**73**	---	**22**	**59**	**12**	**38**	**35**	---	**16**	**14**	**32**	---	**18**	**18**
Solids	%	---	**31.0**	---	---	---	---	---	**49.4**	---	---	---	**15.3**	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**21**	---	**4.4**	**13**	**6.2**	**5.6**	**5.8**	---	< 4.0	**6.4**	< 4.0	---	< 4.0	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	< 81000	---	---	---	---	---	< 51000	---	---	---	< 160000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 27000	---	---	---	---	---	< 15000	---	---	---	< 59000	---	---
Oil Range Organics (C20-C34)	mg/kg	**38**	---	**5.3**	**33**	**9.3**	**7.4**	**19**	---	**7.2**	**9.7**	**20**	---	**11**	**12**
Oil Range Organics (C20-C34)	ug/kg	---	< 320000	---	---	---	---	---	< 200000	---	---	---	< 650000	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,1-Dichloroethane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 750	< 270	< 250	< 280	< 250	< 250	< 250	< 150	< 250	< 250	< 250	< 590	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,2-Dichloroethane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,2-Dichloropropane	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 750	< 1400	< 60	< 280	< 50	< 110	< 96	< 770	< 50	< 50	< 85	< 3000	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
2-Butanone (MEK)	ug/kg	< 2500	< 1400	< 750	< 940	< 750	< 750	< 750	< 770	< 750	< 750	< 750	< 3000	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500	< 2500	< 770	< 2500	< 2500	< 2500	< 3000	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 2500	< 1400	< 330	< 940	< 330	< 360	< 330	< 770	< 330	< 330	< 330	< 3000	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1400	< 2500	< 2500	< 2500	< 2500	< 2500	< 770	< 2500	< 2500	< 2500	< 3000	< 2500	< 2500

	Date \ Time Collected	9/19/2011 1:15 PM	9/19/2011 1:15 PM	9/19/2011 1:47 PM	9/19/2011 1:35 PM	9/19/2011 2:00 PM	9/19/2011 2:10 PM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/20/2011 10:08 AM	9/20/2011 10:08 AM	9/23/2011 11:25 AM	9/23/2011 11:25 AM	9/23/2011 11:40 AM	9/23/2011 11:40 AM
	Location	SBTC0100R 023	SBTC0100R 023	SBTC0100R 023	SBTC0100R 024	SBTC0100R 024	SBTC0100R 025	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A
	Sample	SBTC0100R 023S 091911S010	SBTC0100R023S01911S010-SPLIT	SBTC0100R 023S 091911S078	SBTC0100R 024S 091911S004	SBTC0100R 024S 091911S071	SBTC0100R 025S 091911S075	SBTC0100R 026S 092011S010	SBTC0100R026S092011S010-split	SBTC0100R 026S 092011S071	SBTC0100R 026D 092011S071	SBTC0100R 026AS 092311S006	SBTC0100R026AS092311S006-split	SBTC0100R 026AS 092311S069	SBTC0100R 026AD 092311S069
	Depth	0 - 1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 0.4 ft	6.6 - 7.1 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.6 ft	0 - 0.6 ft	6.4 - 6.9 ft	6.4 - 6.9 ft
	USCS Code	OL	OL	ML	OL	GP	ML	SM	SM	SW	SW	OL	OL	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Split	Result	Duplicate
Acetone	ug/kg	< 8800	< 5500	< 1000	< 2400	< 1000	< 1000	< 1000	< 3100	< 1000	< 1000	< 1000	< 12000	< 1000	< 1000
Acrylonitrile	ug/kg	< 750	< 1400	< 100	< 280	< 100	< 110	< 100	< 770	< 100	< 100	< 100	< 3000	< 100	< 100
Benzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Bromobenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Bromochloromethane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Bromodichloromethane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Bromoform	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Bromomethane	ug/kg	< 750	< 1100	< 200	< 280	< 200	< 200	< 200	< 620	< 200	< 200	< 200	< 2400	< 200	< 200
Carbon disulfide	ug/kg	< 750	< 270	< 250	< 280	< 250	< 250	< 250	< 150	< 250	< 250	< 250	< 590	< 250	< 250
Carbon tetrachloride	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Chlorobenzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Chloroethane	ug/kg	< 2500	< 1400	< 250	< 940	< 250	< 360	< 320	< 770	< 250	< 250	< 280	< 3000	< 250	< 250
Chloroform	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Chloromethane	ug/kg	**840**	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 430	< 3000	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Cyclohexane	ug/kg	< 750	< 1400	< 500	< 500	< 500	< 500	< 500	< 770	< 500	< 500	< 500	< 3000	< 500	< 500
Dibromochloromethane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Dibromochloropropane	ug/kg	< 750	< 1400	< 60	< 280	< 43	< 110	< 96	< 770	< 49	< 46	< 85	< 3000	< 37	< 37
Dibromomethane	ug/kg	< 750	< 270	< 250	< 280	< 250	< 250	< 250	< 150	< 250	< 250	< 250	< 590	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
Diethyl ether	ug/kg	< 750	< 1100	< 200	< 280	< 200	< 200	< 200	< 620	< 200	< 200	< 200	< 2400	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
Ethylbenzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Ethylene dibromide	ug/kg	< 750	< 270	< 60	< 280	< 43	< 110	< 96	< 150	< 49	< 46	< 85	< 590	< 37	< 37
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
Hexachloroethane	ug/kg	< 750	< 1400	< 300	< 300	< 300	< 300	< 300	< 770	< 300	< 300	< 300	< 3000	< 300	< 300
Isopropyl benzene	ug/kg	< 750	< 270	< 250	< 280	< 250	< 250	< 250	< 150	< 250	< 250	< 250	< 590	< 250	< 250
m&p-Xylene	ug/kg	< 1500	< 550	< 120	< 560	< 100	< 220	< 190	< 310	< 100	< 100	< 170	< 1200	< 100	< 100
Methyl Iodide	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Methylene chloride	ug/kg	< 750	< 550	< 100	< 280	< 100	< 110	< 100	< 310	< 100	< 100	< 100	< 1200	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 750	< 270	< 250	< 280	< 250	< 250	< 250	< 150	< 250	< 250	< 250	< 590	< 250	< 250
Naphthalene	ug/kg	< 2500	< 1400	< 330	< 940	< 330	< 360	< 330	< 770	< 330	< 330	< 330	< 3000	< 330	< 330
n-Butylbenzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
n-Propylbenzene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
o-Xylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50

	Date \ Time Collected	9/19/2011 1:15 PM	9/19/2011 1:15 PM	9/19/2011 1:47 PM	9/19/2011 1:35 PM	9/19/2011 2:00 PM	9/19/2011 2:10 PM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/20/2011 10:08 AM	9/20/2011 10:08 AM	9/23/2011 11:25 AM	9/23/2011 11:25 AM	9/23/2011 11:40 AM	9/23/2011 11:40 AM
	Location	SBTC0100R 023	SBTC0100R 023	SBTC0100R 023	SBTC0100R 024	SBTC0100R 024	SBTC0100R 025	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A	SBTC0100R 026A
	Sample	SBTC0100R 023S 091911S010	SBTC0100R023S01911S010-SPLIT	SBTC0100R 023S 091911S078	SBTC0100R 024S 091911S004	SBTC0100R 024S 091911S071	SBTC0100R 025S 091911S075	SBTC0100R 026S 092011S010	SBTC0100R026S092011S010-split	SBTC0100R 026S 092011S071	SBTC0100R 026D 092011S071	SBTC0100R 026AS 092311S006	SBTC0100R026AS092311S006-split	SBTC0100R 026AS 092311S069	SBTC0100R 026AD 092311S069
	Depth	0 - 1 ft	0 - 1 ft	7.3 - 7.8 ft	0 - 0.4 ft	6.6 - 7.1 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	0 - 0.6 ft	0 - 0.6 ft	6.4 - 6.9 ft	6.4 - 6.9 ft
	USCS Code	OL	OL	ML	OL	GP	ML	SM	SM	SW	SW	OL	OL	SP	SP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Split	Result	Duplicate
p-Isopropyl toluene (p-Cymene)	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
sec-Butylbenzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Styrene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 750	< 1400	< 250	< 280	< 250	< 250	< 250	< 770	< 250	< 250	< 250	< 3000	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 14000	< 2500	< 2500	< 2500	< 2500	< 2500	< 7700	< 2500	< 2500	< 2500	< 30000	< 2500	< 2500
t-Butylbenzene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Tetrachloroethylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Tetrahydrofuran	ug/kg	< 2500	< 1400	< 1000	< 1000	< 1000	< 1000	< 1000	< 770	< 1000	< 1000	< 1000	< 3000	< 1000	< 1000
Toluene	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Trichloroethylene	ug/kg	< 750	< 270	< 60	< 280	< 50	< 110	< 96	< 150	< 50	< 50	< 85	< 590	< 50	< 50
Trichlorofluoromethane	ug/kg	< 750	< 270	< 100	< 280	< 100	< 110	< 100	< 150	< 100	< 100	< 100	< 590	< 100	< 100
Vinyl chloride	ug/kg	< 750	< 270	< 60	< 280	< 43	< 110	< 96	< 150	< 49	< 46	< 85	< 590	< 40	< 40
Xylenes	ug/kg	< 1500	---	< 120	< 560	< 100	< 220	< 190	---	< 100	< 100	< 170	---	< 100	< 100

	Date \ Time Collected	9/23/2011 12:05 PM	9/23/2011 12:05 PM	9/23/2011 1:20 PM	9/19/2011 3:05 PM	9/19/2011 3:35 PM	9/20/2011 9:30 AM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/22/2011 12:40 PM	9/20/2011 11:15 AM	9/20/2011 11:35 AM	9/22/2011 2:30 PM	9/22/2011 2:25 PM	9/22/2011 2:25 PM	9/20/2011 3:05 PM
	Location	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 027	SBTC0100R 027	SBTC0100R 029	SBTC0100R 030	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 033	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 040
	Sample	SBTC0100R 026BS 092311S007	SBTC0125R02 6BS092311S0 07-split	SBTC0100R 026BS 092311S071	SBTC0100R 027S 091911S010	SBTC0100R 027S 091911S069	SBTC0100R 029S 092011S073	SBTC0100R 030S 092011S064	SBTC0100R03 0S092011S06 4-split	SBTC0100R 031BS 092211S074	SBTC0100R 033S 092011S075	SBTC0100R 035S 092011S070	SBTC0100R 037BS 092211S070	SBTC0100R 039AS 092211S069	SBTC0100R03 9AS092211S0 69-split	SBTC0100R 040S 092011S010
	Depth	0 - 0.7 ft	0 - 0.7 ft	6.5 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	6.9 - 7.4 ft	7 - 7.5 ft	6.5 - 7 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	0 - 1 ft
	USCS Code	OL	OL	SP	OL	SP	SP	SP	SP	SP-SM	SW	GW	SW	SP	SP	SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	**8.6**	---	---	---	---	---	**5.6**	---	---	---	---	---	**3.9**	---
Barium	mg/kg	---	**50**	---	---	---	---	---	**8.2**	---	---	---	---	---	**16**	---
Beryllium	mg/kg	< 0.50	**0.28**	< 0.50	< 0.58	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	**0.35**	---	---	---	---	---	< 0.2	---	---	---	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	**9.6**	---	---	---	---	---	**8.8**	---	---	---	---	---	**8.1**	---
Copper	mg/kg	---	**31**	---	---	---	---	---	**4.7**	---	---	---	---	---	**6.8**	---
Iron	mg/kg	---	**16000**	---	---	---	---	---	**9000**	---	---	---	---	---	**11000**	---
Lead	mg/kg	---	**8.0**	---	---	---	---	---	**4.0**	---	---	---	---	---	**5.4**	---
Mercury (Total)	mg/kg	---	< 0.30	---	---	---	---	---	< 0.05	---	---	---	---	---	< 0.05	---
Molybdenum	mg/kg	**1.9**	**2.5**	< 1.0	**3.3**	< 1.0	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	**1.1**
Nickel	mg/kg	**9.9**	**11**	**3.1**	**6.0**	**3.7**	**4.1**	**4.8**	**7.7**	**6.0**	**5.0**	**3.3**	**4.1**	**5.7**	**10**	**7.1**
Selenium	mg/kg	---	**0.96**	---	---	---	---	---	**0.56**	---	---	---	---	---	< 0.2	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	< 0.1	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**16**	**15**	**5.0**	**10**	**6.6**	**6.7**	**5.5**	**10**	**5.7**	**8.8**	**3.5**	**4.3**	**8.4**	**12**	**9.2**
Zinc	mg/kg	---	**34**	---	---	---	---	---	**16**	---	---	---	---	---	**24**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 2900	< 330	< 330	< 330	< 330	< 330	< 280	< 330	< 330	< 330	< 330	< 330	< 550	< 330
Acenaphthene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Acenaphthylene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Anthracene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Benzo(a)anthracene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Benzo(a)pyrene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Chrysene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Fluoranthene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Fluorene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 2400	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 330	< 330	< 330	< 330	< 440	< 330
Naphthalene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Phenanthrene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330
Pyrene	ug/kg	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 220	< 330

	Date \ Time Collected	9/23/2011 12:05 PM	9/23/2011 12:05 PM	9/23/2011 1:20 PM	9/19/2011 3:05 PM	9/19/2011 3:35 PM	9/20/2011 9:30 AM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/22/2011 12:40 PM	9/20/2011 11:15 AM	9/20/2011 11:35 AM	9/22/2011 2:30 PM	9/22/2011 2:25 PM	9/22/2011 2:25 PM	9/20/2011 3:05 PM
	Location	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 027	SBTC0100R 027	SBTC0100R 029	SBTC0100R 030	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 033	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 040
	Sample	SBTC0100R 026BS 092311S007	SBTC0125R02 6BS092311S0 07-split	SBTC0100R 026BS 092311S071	SBTC0100R 027S 091911S010	SBTC0100R 027S 091911S069	SBTC0100R 029S 092011S073	SBTC0100R 030S 092011S064	SBTC0100R03 0S092011S06 4-split	SBTC0100R 031BS 092211S074	SBTC0100R 033S 092011S075	SBTC0100R 035S 092011S070	SBTC0100R 037BS 092211S070	SBTC0100R 039AS 092211S069	SBTC0100R03 9AS092211S0 69-split	SBTC0100R 040S 092011S010
	Depth	0 - 0.7 ft	0 - 0.7 ft	6.5 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	6.9 - 7.4 ft	7 - 7.5 ft	6.5 - 7 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	0 - 1 ft
	USCS Code	OL	OL	SP	OL	SP	SP	SP	SP	SP-SM	SW	GW	SW	SP	SP	SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Solids																
Moisture	%	**29**	---	**19**	**65**	**18**	**18**	**11**	---	**13**	**13**	**5.0**	**11**	**8.4**	---	**24**
Solids	%	---	**17.0**	---	---	---	---	---	**89.5**	---	---	---	---	---	**90.6**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	**4.1**	**12**	**6.8**	**4.9**	**8.1**	---	**4.0**	**6.8**	**7.7**	< 4.0	< 4.0	---	**5.3**
Diesel Range Organics (C10-C20)	ug/kg	---	< 150000	---	---	---	---	---	< 28000	---	---	---	---	---	< 28000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 52000	---	---	---	---	---	< 6100	---	---	---	---	---	< 6300	---
Oil Range Organics (C20-C34)	mg/kg	**10**	---	**26**	**47**	**16**	**8.1**	**11**	---	**18**	**13**	**15**	**13**	**9.2**	---	**17**
Oil Range Organics (C20-C34)	ug/kg	---	< 590000	---	---	---	---	---	< 110000	---	---	---	---	---	< 110000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,1,1-Trichloroethane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,1,2,2-Tetrachloroethane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,1,2-Trichloroethane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,1-Dichloroethane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,1-Dichloroethylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,2,3-Trichlorobenzene	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 520	< 250	< 410	< 250	< 250	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 63	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,2-Dichloroethane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,2-Dichloropropane	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,3,5-Trimethylbenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
1,3-Dichloropropene, cis	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,3-Dichloropropene, trans	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
1,4-Dichloro-2-butene, trans	ug/kg	< 77	< 2600	< 54	< 410	< 53	< 53	< 50	< 300	< 50	< 50	< 50	< 50	< 50	< 310	< 64
1,4-Dichlorobenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
2-Butanone (MEK)	ug/kg	< 750	< 2600	< 750	< 1400	< 750	< 750	< 750	< 300	< 750	< 750	< 750	< 750	< 750	< 310	< 750
2-Hexanone	ug/kg	< 2500	< 2600	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 2500	< 2500	< 2500	< 2500	< 310	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 2600	< 330	< 1400	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	< 310	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2600	< 2500	< 2500	< 2500	< 2500	< 2500	< 300	< 2500	< 2500	< 2500	< 2500	< 2500	< 310	< 2500

	Date \ Time Collected	9/23/2011 12:05 PM	9/23/2011 12:05 PM	9/23/2011 1:20 PM	9/19/2011 3:05 PM	9/19/2011 3:35 PM	9/20/2011 9:30 AM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/22/2011 12:40 PM	9/20/2011 11:15 AM	9/20/2011 11:35 AM	9/22/2011 2:30 PM	9/22/2011 2:25 PM	9/22/2011 2:25 PM	9/20/2011 3:05 PM
	Location	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 027	SBTC0100R 027	SBTC0100R 029	SBTC0100R 030	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 033	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 040
	Sample	SBTC0100R 026BS 092311S007	SBTC0125R02 6BS092311S0 07-split	SBTC0100R 026BS 092311S071	SBTC0100R 027S 091911S010	SBTC0100R 027S 091911S069	SBTC0100R 029S 092011S073	SBTC0100R 030S 092011S064	SBTC0100R03 0S092011S06 4-split	SBTC0100R 031BS 092211S074	SBTC0100R 033S 092011S075	SBTC0100R 035S 092011S070	SBTC0100R 037BS 092211S070	SBTC0100R 039AS 092211S069	SBTC0100R03 9AS092211S0 69-split	SBTC0100R 040S 092011S010
	Depth	0 - 0.7 ft	0 - 0.7 ft	6.5 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	6.9 - 7.4 ft	7 - 7.5 ft	6.5 - 7 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	0 - 1 ft
	USCS Code	OL	OL	SP	OL	SP	SP	SP	SP	SP-SM	SW	GW	SW	SP	SP	SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
Acetone	ug/kg	< 1000	< 10000	< 1000	< 3400	< 1000	< 1000	< 1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1300	< 1000
Acrylonitrile	ug/kg	< 100	< 2600	< 100	< 410	< 100	< 100	< 100	< 300	< 100	< 100	< 100	< 100	< 100	< 310	< 100
Benzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Bromobenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Bromochloromethane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Bromodichloromethane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Bromoform	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Bromomethane	ug/kg	< 200	< 2100	< 200	< 410	< 200	< 200	< 200	< 240	< 200	< 200	< 200	< 200	< 200	< 250	< 200
Carbon disulfide	ug/kg	< 250	< 520	< 250	< 410	< 250	< 250	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 63	< 250
Carbon tetrachloride	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Chlorobenzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Chloroethane	ug/kg	< 260	< 2600	< 250	< 1400	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
Chloroform	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Chloromethane	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
cis-1,2-Dichloroethylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Cyclohexane	ug/kg	< 500	< 2600	< 500	< 500	< 500	< 500	< 500	< 300	< 500	< 500	< 500	< 500	< 500	< 310	< 500
Dibromochloromethane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Dibromochloropropane	ug/kg	< 77	< 2600	< 54	< 410	< 53	< 53	< 42	< 300	< 45	< 45	< 35	< 43	< 39	< 310	< 64
Dibromomethane	ug/kg	< 250	< 520	< 250	< 410	< 250	< 250	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 63	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
Diethyl ether	ug/kg	< 200	< 2100	< 200	< 410	< 200	< 200	< 200	< 240	< 200	< 200	< 200	< 200	< 200	< 250	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
Ethylbenzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Ethylene dibromide	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 42	< 61	< 45	< 45	< 35	< 43	< 39	< 63	< 64
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
Hexachloroethane	ug/kg	< 300	< 2600	< 300	< 410	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 310	< 300
Isopropyl benzene	ug/kg	< 250	< 520	< 250	< 410	< 250	< 250	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 63	< 250
m&p-Xylene	ug/kg	< 150	< 1000	< 110	< 820	< 110	< 110	< 100	< 120	< 100	< 100	< 100	< 100	< 100	< 130	< 130
Methyl Iodide	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Methylene chloride	ug/kg	< 100	< 1000	< 100	< 410	< 100	< 100	< 100	< 120	< 100	< 100	< 100	< 100	< 100	< 130	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 520	< 250	< 410	< 250	< 250	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 63	< 250
Naphthalene	ug/kg	< 330	< 2600	< 330	< 1400	< 330	< 330	< 330	< 300	< 330	< 330	< 330	< 330	< 330	< 310	< 330
n-Butylbenzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
n-Propylbenzene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
o-Xylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/23/2011 12:05 PM	9/23/2011 12:05 PM	9/23/2011 1:20 PM	9/19/2011 3:05 PM	9/19/2011 3:35 PM	9/20/2011 9:30 AM	9/20/2011 9:40 AM	9/20/2011 9:40 AM	9/22/2011 12:40 PM	9/20/2011 11:15 AM	9/20/2011 11:35 AM	9/22/2011 2:30 PM	9/22/2011 2:25 PM	9/22/2011 2:25 PM	9/20/2011 3:05 PM
	Location	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 026B	SBTC0100R 027	SBTC0100R 027	SBTC0100R 029	SBTC0100R 030	SBTC0100R 030	SBTC0100R 031B	SBTC0100R 033	SBTC0100R 035	SBTC0100R 037B	SBTC0100R 039A	SBTC0100R 039A	SBTC0100R 040
	Sample	SBTC0100R 026BS 092311S007	SBTC0125R02 6BS092311S0 07-split	SBTC0100R 026BS 092311S071	SBTC0100R 027S 091911S010	SBTC0100R 027S 091911S069	SBTC0100R 029S 092011S073	SBTC0100R 030S 092011S064	SBTC0100R03 0S092011S06 4-split	SBTC0100R 031BS 092211S074	SBTC0100R 033S 092011S075	SBTC0100R 035S 092011S070	SBTC0100R 037BS 092211S070	SBTC0100R 039AS 092211S069	SBTC0100R03 9AS092211S0 69-split	SBTC0100R 040S 092011S010
	Depth	0 - 0.7 ft	0 - 0.7 ft	6.5 - 7.1 ft	0 - 1 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	6.9 - 7.4 ft	7 - 7.5 ft	6.5 - 7 ft	6.5 - 7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	0 - 1 ft
	USCS Code	OL	OL	SP	OL	SP	SP	SP	SP	SP-SM	SW	GW	SW	SP	SP	SM
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
sec-Butylbenzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Styrene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 2600	< 250	< 410	< 250	< 250	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 310	< 250
t-Butyl alcohol	ug/kg	< 2500	< 26000	< 2500	< 2500	< 2500	< 2500	< 2500	< 3000	< 2500	< 2500	< 2500	< 2500	< 2500	< 3100	< 2500
t-Butylbenzene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Tetrachloroethylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Tetrahydrofuran	ug/kg	< 1000	< 2600	< 1000	< 1400	< 1000	< 1000	< 1000	< 300	< 1000	< 1000	< 1000	< 1000	< 1000	< 310	< 1000
Toluene	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
trans-1,2-Dichloroethylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Trichloroethylene	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 50	< 61	< 50	< 50	< 50	< 50	< 50	< 63	< 64
Trichlorofluoromethane	ug/kg	< 100	< 520	< 100	< 410	< 100	< 100	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 63	< 100
Vinyl chloride	ug/kg	< 77	< 520	< 54	< 410	< 53	< 53	< 42	< 61	< 45	< 45	< 40	< 43	< 40	< 63	< 64
Xylenes	ug/kg	< 150	---	< 110	< 820	< 110	< 110	< 100	---	< 100	< 100	< 100	< 100	< 100	---	< 130

	Date \ Time Collected	9/20/2011 4:30 PM	9/22/2011 2:45 PM	9/20/2011 2:15 PM	9/20/2011 2:20 PM	9/20/2011 2:20 PM	9/20/2011 2:44 PM	9/20/2011 2:20 PM	9/20/2011 2:50 PM	9/20/2011 2:50 PM	9/20/2011 4:45 PM	9/20/2011 4:20 PM	10/3/2011 2:10 PM	10/3/2011 2:35 PM	9/20/2011 4:35 PM	9/20/2011 5:40 PM
	Location	SBTC0100R 040	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 044	SBTC0100R 044	SBTC0100R 044	SBTC0100R 045	SBTC0100R 045	SBTC0100R 045	SBTC0100R 046	SBTC0100R 047	SBTC0100R 049A	SBTC0100R 049A	SBTC0100R 051	SBTC0100R 052
	Sample	SBTC0100R 040S 092011S071	SBTC0100R 041AS 092211S071	SBTC0100R 043S 092011S074	SBTC0100R 044S 092011S009	SBTC0100R044S092011S009-split	SBTC0100R 044S 092011S077	SBTC0100R 045S 092011S010	SBTC0100R 045S 092011S079	SBTC0100R045S092011S079-split	SBTC0100R 046S 092011S073	SBTC0100R 047S 092011S071	SBTC0100R 049AS 100311S007	SBTC0100R 049AS 100311S075	SBTC0100R 051S 092011S073	SBTC0100R 052S 092011S077
	Depth	6.6 - 7.1 ft	6.7 - 7.1 ft	6.9 - 7.4 ft	0 - 0.9 ft	0 - 0.9 ft	7.2 - 7.7 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	0 - 0.7 ft	7 - 7.5 ft	6.8 - 7.3 ft	7.4 - 7.7 ft
	USCS Code	SP	SW	SM	OL	OL	GW-GM	OL	OL	OL	SP-SM	SP	OL	SW	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	**28**	---	---	---	**53**	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	**110**	---	---	---	**47**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	**0.23**	< 0.50	**0.50**	< 0.50	**0.44**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	**0.43**	---	---	---	**0.26**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**6.1**	---	---	---	**13**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	**18**	---	---	---	**9.1**	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	**56000**	---	---	---	**38000**	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	**7.1**	---	---	---	**5.9**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.15	---	---	---	< 0.05	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	**2.2**	**2.8**	**3.2**	**1.7**	**2.9**	**17**	**21**	< 1.0	**6.5**	**4.4**	**2.6**	**43**	**16**
Nickel	mg/kg	**4.7**	**6.1**	**8.6**	**7.8**	**7.3**	**9.0**	**13**	**16**	**15**	**16**	**9.8**	**11**	**8.4**	**13**	**9.1**
Selenium	mg/kg	---	---	---	---	**1.3**	---	---	---	**0.49**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**3.8**	**5.9**	**18**	**16**	**11**	**9.1**	**18**	**28**	**30**	**8.5**	**16**	**14**	**5.6**	**24**	**12**
Zinc	mg/kg	---	---	---	---	**24**	---	---	---	**35**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 1300	< 330	< 330	< 330	< 790	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 630	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 510	< 330	< 330	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/20/2011 4:30 PM	9/22/2011 2:45 PM	9/20/2011 2:15 PM	9/20/2011 2:20 PM	9/20/2011 2:20 PM	9/20/2011 2:44 PM	9/20/2011 2:20 PM	9/20/2011 2:50 PM	9/20/2011 2:50 PM	9/20/2011 4:45 PM	9/20/2011 4:20 PM	10/3/2011 2:10 PM	10/3/2011 2:35 PM	9/20/2011 4:35 PM	9/20/2011 5:40 PM
	Location	SBTC0100R 040	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 044	SBTC0100R 044	SBTC0100R 044	SBTC0100R 045	SBTC0100R 045	SBTC0100R 045	SBTC0100R 046	SBTC0100R 047	SBTC0100R 049A	SBTC0100R 049A	SBTC0100R 051	SBTC0100R 052
	Sample	SBTC0100R 040S 092011S071	SBTC0100R 041AS 092211S071	SBTC0100R 043S 092011S074	SBTC0100R 044S 092011S009	SBTC0100R044S092011S009-split	SBTC0100R 044S 092011S077	SBTC0100R 045S 092011S010	SBTC0100R 045S 092011S079	SBTC0100R045S092011S079-split	SBTC0100R 046S 092011S073	SBTC0100R 047S 092011S071	SBTC0100R 049AS 100311S007	SBTC0100R 049AS 100311S075	SBTC0100R 051S 092011S073	SBTC0100R 052S 092011S077
	Depth	6.6 - 7.1 ft	6.7 - 7.1 ft	6.9 - 7.4 ft	0 - 0.9 ft	0 - 0.9 ft	7.2 - 7.7 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	0 - 0.7 ft	7 - 7.5 ft	6.8 - 7.3 ft	7.4 - 7.7 ft
	USCS Code	SP	SW	SM	OL	OL	GW-GM	OL	OL	OL	SP-SM	SP	OL	SW	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**17**	**11**	**11**	**65**	---	**9.9**	**58**	**41**	---	**11**	**15**	**60**	**7.6**	**38**	**51**
Solids	%	---	---	---	---	**39.0**	---	---	---	**63.6**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**6.8**	< 4.0	**4.4**	**16**	---	< 4.0	**9.5**	< 4.2	---	**5.9**	**4.6**	**32**	**14**	**7.7**	**6.0**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	**120000**	---	---	---	< 39000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 5.9	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 21000	---	---	---	< 11000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**6.9**	**13**	**13**	**47**	---	**5.6**	**21**	**12**	---	**6.6**	**8.2**	**140**	**44**	**17**	**15**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	**320000**	---	---	---	< 160000	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,1,1-Trichloroethane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,1,2,2-Tetrachloroethane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,1,2-Trichloroethane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,1-Dichloroethane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,1-Dichloroethylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 410	< 210	< 250	< 270	< 250	< 110	< 250	< 250	< 300	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,2-Dichloroethane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,2-Dichloropropane	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
1,3-Dichloropropene, cis	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,3-Dichloropropene, trans	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
1,4-Dichloro-2-butene, trans	ug/kg	< 51	< 50	< 50	< 410	< 1100	< 50	< 270	< 120	< 540	< 50	< 50	< 300	< 50	< 110	< 190
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 1400	< 1100	< 750	< 890	< 750	< 540	< 750	< 750	< 990	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 540	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1400	< 1100	< 330	< 890	< 410	< 540	< 330	< 330	< 990	< 330	< 360	< 630
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 1100	< 2500	< 2500	< 2500	< 540	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

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	Location	SBTC0100R 040	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 044	SBTC0100R 044	SBTC0100R 044	SBTC0100R 045	SBTC0100R 045	SBTC0100R 045	SBTC0100R 046	SBTC0100R 047	SBTC0100R 049A	SBTC0100R 049A	SBTC0100R 051	SBTC0100R 052
	Sample	SBTC0100R 040S 092011S071	SBTC0100R 041AS 092211S071	SBTC0100R 043S 092011S074	SBTC0100R 044S 092011S009	SBTC0100R044S092011S009-split	SBTC0100R 044S 092011S077	SBTC0100R 045S 092011S010	SBTC0100R 045S 092011S079	SBTC0100R045S092011S079-split	SBTC0100R 046S 092011S073	SBTC0100R 047S 092011S071	SBTC0100R 049AS 100311S007	SBTC0100R 049AS 100311S075	SBTC0100R 051S 092011S073	SBTC0100R 052S 092011S077
	Depth	6.6 - 7.1 ft	6.7 - 7.1 ft	6.9 - 7.4 ft	0 - 0.9 ft	0 - 0.9 ft	7.2 - 7.7 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	0 - 0.7 ft	7 - 7.5 ft	6.8 - 7.3 ft	7.4 - 7.7 ft
	USCS Code	SP	SW	SM	OL	OL	GW-GM	OL	OL	OL	SP-SM	SP	OL	SW	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 3400	< 4200	< 1000	< 2700	< 1000	< 2100	< 1000	< 1000	< 2500	< 1000	< 1000	< 1600
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 410	< 1100	< 100	< 270	< 120	< 540	< 100	< 100	< 300	< 100	< 110	< 190
Benzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Bromobenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Bromoform	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Bromomethane	ug/kg	< 200	< 200	< 200	< 410	< 840	< 200	< 270	< 200	< 430	< 200	< 200	< 300	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 410	< 210	< 250	< 270	< 250	< 110	< 250	< 250	< 300	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Chlorobenzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Chloroethane	ug/kg	< 250	< 250	< 250	< 1400	< 1100	< 250	< 890	< 410	< 540	< 250	< 250	< 990	< 250	< 360	< 630
Chloroform	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Chloromethane	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 1100	< 500	< 500	< 500	< 540	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Dibromochloropropane	ug/kg	< 51	< 42	< 42	< 410	< 1100	< 41	< 270	< 120	< 540	< 42	< 48	< 300	< 38	< 110	< 190
Dibromomethane	ug/kg	< 250	< 250	< 250	< 410	< 210	< 250	< 270	< 250	< 110	< 250	< 250	< 300	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 410	< 840	< 200	< 270	< 200	< 430	< 200	< 200	< 300	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Ethylene dibromide	ug/kg	< 51	< 42	< 42	< 410	< 210	< 41	< 270	< 120	< 110	< 42	< 48	< 300	< 38	< 110	< 190
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 410	< 1100	< 300	< 300	< 300	< 540	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 410	< 210	< 250	< 270	< 250	< 110	< 250	< 250	< 300	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 810	< 420	< 100	< 530	< 240	< 210	< 100	< 100	< 600	< 100	< 220	< 380
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Methylene chloride	ug/kg	< 100	< 100	< 100	< 410	< 420	< 100	< 270	< 120	< 210	< 100	< 100	< 300	< 100	< 180	< 190
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 410	< 210	< 250	< 270	< 250	< 110	< 250	< 250	< 300	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 1400	< 1100	< 330	< 890	< 410	< 540	< 330	< 330	< 990	< 330	< 360	< 630
n-Butylbenzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
o-Xylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190

	Date \ Time Collected	9/20/2011 4:30 PM	9/22/2011 2:45 PM	9/20/2011 2:15 PM	9/20/2011 2:20 PM	9/20/2011 2:20 PM	9/20/2011 2:44 PM	9/20/2011 2:20 PM	9/20/2011 2:50 PM	9/20/2011 2:50 PM	9/20/2011 4:45 PM	9/20/2011 4:20 PM	10/3/2011 2:10 PM	10/3/2011 2:35 PM	9/20/2011 4:35 PM	9/20/2011 5:40 PM
	Location	SBTC0100R 040	SBTC0100R 041A	SBTC0100R 043	SBTC0100R 044	SBTC0100R 044	SBTC0100R 044	SBTC0100R 045	SBTC0100R 045	SBTC0100R 045	SBTC0100R 046	SBTC0100R 047	SBTC0100R 049A	SBTC0100R 049A	SBTC0100R 051	SBTC0100R 052
	Sample	SBTC0100R 040S 092011S071	SBTC0100R 041AS 092211S071	SBTC0100R 043S 092011S074	SBTC0100R 044S 092011S009	SBTC0100R044S092011S009-split	SBTC0100R 044S 092011S077	SBTC0100R 045S 092011S010	SBTC0100R 045S 092011S079	SBTC0100R045S092011S079-split	SBTC0100R 046S 092011S073	SBTC0100R 047S 092011S071	SBTC0100R 049AS 100311S007	SBTC0100R 049AS 100311S075	SBTC0100R 051S 092011S073	SBTC0100R 052S 092011S077
	Depth	6.6 - 7.1 ft	6.7 - 7.1 ft	6.9 - 7.4 ft	0 - 0.9 ft	0 - 0.9 ft	7.2 - 7.7 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.8 - 7.3 ft	6.6 - 7.1 ft	0 - 0.7 ft	7 - 7.5 ft	6.8 - 7.3 ft	7.4 - 7.7 ft
	USCS Code	SP	SW	SM	OL	OL	GW-GM	OL	OL	OL	SP-SM	SP	OL	SW	ML	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
sec-Butylbenzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Styrene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 410	< 1100	< 250	< 270	< 250	< 540	< 250	< 250	< 300	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 11000	< 2500	< 2500	< 2500	< 5400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Tetrachloroethylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1400	< 1100	< 1000	< 1000	< 1000	< 540	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
trans-1,2-Dichloroethylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Trichloroethylene	ug/kg	< 51	< 50	< 50	< 410	< 210	< 50	< 270	< 120	< 110	< 50	< 50	< 300	< 50	< 110	< 190
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 410	< 210	< 100	< 270	< 120	< 110	< 100	< 100	< 300	< 100	< 110	< 190
Vinyl chloride	ug/kg	< 51	< 42	< 42	< 410	< 210	< 41	< 270	< 120	< 110	< 42	< 48	< 300	< 40	< 110	< 190
Xylenes	ug/kg	< 100	< 100	< 100	< 810	---	< 100	< 530	< 240	---	< 100	< 100	< 600	< 100	< 220	< 380

	Date \ Time Collected	9/20/2011 6:05 PM	9/20/2011 6:05 PM	9/20/2011 6:10 PM	9/21/2011 9:15 AM	9/21/2011 8:21 AM	9/21/2011 9:40 AM	9/21/2011 9:40 AM	9/28/2011 4:30 PM	9/28/2011 4:35 PM	9/27/2011 4:00 PM	9/27/2011 4:00 PM	9/29/2011 2:00 PM	9/29/2011 2:35 PM	9/29/2011 2:35 PM	9/28/2011 5:30 PM
	Location	SBTC0100R 053	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 065	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 069A
	Sample	SBTC0100R 053S 092011S075	SBTC0100R 053D 092011S075	SBTC0100R 055S 092011S073	SBTC0100R 056S 092111S073	SBTC0100R 057S 092111S072	SBTC0100R 059S 092111S073	SBTC0100R059S092111S073-split	SBTC0100R 061AS 092811S078	SBTC0100R 063AS 092811S079	SBTC0100R 065S 092711S077	SBTC0100R065S092711S077-split	SBTC0100R 067BS 092911S004	SBTC0100R 067BS 092911S069	SBTC0100R067BS092911S069-split	SBTC0100R 069AS 092811S077
	Depth	7 - 7.5 ft	7 - 7.5 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.25 - 7.75 ft	7.25 - 7.75 ft	0 - 0.4 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	ML	ML	ML	OL	OL	PT	ML	ML	ML	GP	ML	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	**28**	---	---	---	**20**	---	---	**16**	---
Barium	mg/kg	---	---	---	---	---	---	**190**	---	---	---	**160**	---	---	**140**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.54	< 0.2	< 2.0	< 0.50	< 0.51	< 0.2	< 0.50	< 0.50	< 0.2	< 0.51
Cadmium	mg/kg	---	---	---	---	---	---	**0.29**	---	---	---	< 0.2	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**3.9**	---	---	---	< 2	---	---	< 2	---
Copper	mg/kg	---	---	---	---	---	---	**4.7**	---	---	---	**1.3**	---	---	< 1	---
Iron	mg/kg	---	---	---	---	---	---	**61000**	---	---	---	**14000**	---	---	**5500**	---
Lead	mg/kg	---	---	---	---	---	---	**2.7**	---	---	---	< 1	---	---	< 1	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	< 0.15	---	---	---	< 0.12	---	---	< 0.25	---
Molybdenum	mg/kg	**27**	**28**	**3.0**	**4.8**	**4.9**	**2.4**	**2.4**	**4.7**	**2.5**	**1.3**	**1.3**	**1.4**	**1.2**	**1.7**	**1.5**
Nickel	mg/kg	**4.3**	**4.7**	**12**	**5.2**	**6.7**	**7.0**	**8.7**	< 3.3	**1.1**	**1.5**	**5.4**	**8.2**	**4.5**	**8.7**	< 1.0
Selenium	mg/kg	---	---	---	---	---	---	**0.78**	---	---	---	< 0.2	---	---	< 0.2	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	---	---	< 0.1	---	---	< 0.1	---
Vanadium	mg/kg	**4.5**	**5.2**	**4.6**	**6.2**	**8.3**	**8.0**	**6.6**	< 3.3	< 1.0	**1.0**	**1.2**	**9.0**	< 1.0	**1.2**	< 1.0
Zinc	mg/kg	---	---	---	---	---	---	**26**	---	---	---	**4.8**	---	---	**2.8**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 7400	< 680	< 330	< 330	< 6300	< 330	< 330	< 2300	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 5900	< 330	< 330	< 330	< 5100	< 330	< 330	< 1900	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 3000	< 330	< 330	< 330	< 2500	< 330	< 330	< 930	< 330

	Date \ Time Collected	9/20/2011 6:05 PM	9/20/2011 6:05 PM	9/20/2011 6:10 PM	9/21/2011 9:15 AM	9/21/2011 8:21 AM	9/21/2011 9:40 AM	9/21/2011 9:40 AM	9/28/2011 4:30 PM	9/28/2011 4:35 PM	9/27/2011 4:00 PM	9/27/2011 4:00 PM	9/29/2011 2:00 PM	9/29/2011 2:35 PM	9/29/2011 2:35 PM	9/28/2011 5:30 PM
	Location	SBTC0100R 053	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 065	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 069A
	Sample	SBTC0100R 053S 092011S075	SBTC0100R 053D 092011S075	SBTC0100R 055S 092011S073	SBTC0100R 056S 092111S073	SBTC0100R 057S 092111S072	SBTC0100R 059S 092111S073	SBTC0100R059S092111S073-split	SBTC0100R 061AS 092811S078	SBTC0100R 063AS 092811S079	SBTC0100R 065S 092711S077	SBTC0100R065S092711S077-split	SBTC0100R 067BS 092911S004	SBTC0100R 067BS 092911S069	SBTC0100R067BS092911S069-split	SBTC0100R 069AS 092811S077
	Depth	7 - 7.5 ft	7 - 7.5 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.25 - 7.75 ft	7.25 - 7.75 ft	0 - 0.4 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	ML	ML	ML	OL	OL	PT	ML	ML	ML	GP	ML	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result
Solids																
Moisture	%	**48**	**49**	**55**	**55**	**55**	**65**	---	**89**	**57**	**57**	---	**15**	**53**	---	**54**
Solids	%	---	---	---	---	---	---	**33.8**	---	---	---	**46.6**	---	---	**21.6**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**6.3**	**4.9**	**7.9**	**7.9**	**6.7**	**12**	---	< 21	< 5.8	< 5.8	---	< 4.0	< 5.2	---	< 5.4
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	< 74000	---	---	---	< 54000	---	---	< 120000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 8.7	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 24000	---	---	---	< 16000	---	---	< 42000	---
Oil Range Organics (C20-C34)	mg/kg	**10**	**17**	**8.8**	**14**	**5.9**	**10**	---	**82**	**24**	**18**	---	**14**	**16**	---	**7.2**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	< 300000	---	---	---	< 210000	---	---	< 460000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,1,1-Trichloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,1,2,2-Tetrachloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,1,2-Trichloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,1-Dichloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,1-Dichloroethylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
1,2,3-Trichloropropane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 250	< 4600	< 260	< 250	< 160	< 250	< 250	< 420	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
1,2,4-Trimethylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,2-Dichlorobenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,2-Dichloroethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,2-Dichloropropane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,3,5-Trimethylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,3-Dichlorobenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
1,3-Dichloropropene, cis	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,3-Dichloropropene, trans	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
1,4-Dichloro-2-butene, trans	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 1200	< 4600	< 260	< 250	< 820	< 50	< 210	< 2100	< 220
1,4-Dichlorobenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
2-Butanone (MEK)	ug/kg	< 750	< 750	< 770	< 760	< 760	< 1400	< 1200	< 15000	< 850	< 840	< 820	< 750	< 750	< 2100	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1200	< 4600	< 2500	< 2500	< 820	< 2500	< 2500	< 2100	< 2500
2-Methylnaphthalene	ug/kg	< 600	< 590	< 770	< 760	< 760	< 1400	< 1200	< 15000	< 850	< 840	< 820	< 330	< 710	< 2100	< 730
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 1200	< 4600	< 2500	< 2500	< 820	< 2500	< 2500	< 2100	< 2500

	Date \ Time Collected	9/20/2011 6:05 PM	9/20/2011 6:05 PM	9/20/2011 6:10 PM	9/21/2011 9:15 AM	9/21/2011 8:21 AM	9/21/2011 9:40 AM	9/21/2011 9:40 AM	9/28/2011 4:30 PM	9/28/2011 4:35 PM	9/27/2011 4:00 PM	9/27/2011 4:00 PM	9/29/2011 2:00 PM	9/29/2011 2:35 PM	9/29/2011 2:35 PM	9/28/2011 5:30 PM
	Location	SBTC0100R 053	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 065	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 069A
	Sample	SBTC0100R 053S 092011S075	SBTC0100R 053D 092011S075	SBTC0100R 055S 092011S073	SBTC0100R 056S 092111S073	SBTC0100R 057S 092111S072	SBTC0100R 059S 092111S073	SBTC0100R059S092111S073-split	SBTC0100R 061AS 092811S078	SBTC0100R 063AS 092811S079	SBTC0100R 065S 092711S077	SBTC0100R065S092711S077-split	SBTC0100R 067BS 092911S004	SBTC0100R 067BS 092911S069	SBTC0100R067BS092911S069-split	SBTC0100R 069AS 092811S077
	Depth	7 - 7.5 ft	7 - 7.5 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.25 - 7.75 ft	7.25 - 7.75 ft	0 - 0.4 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	ML	ML	ML	OL	OL	PT	ML	ML	ML	GP	ML	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result
Acetone	ug/kg	< 1500	< 1500	< 1900	< 1900	< 1900	< 3400	< 4900	< 38000	< 2100	< 2100	< 3300	< 1000	< 1800	< 8300	< 1800
Acrylonitrile	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 1200	< 4600	< 260	< 250	< 820	< 100	< 210	< 2100	< 220
Benzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Bromobenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Bromochloromethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Bromodichloromethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Bromoform	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Bromomethane	ug/kg	< 200	< 200	< 230	< 230	< 230	< 410	< 990	< 4600	< 260	< 250	< 660	< 200	< 210	< 1700	< 220
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 250	< 4600	< 260	< 250	< 160	< 250	< 250	< 420	< 250
Carbon tetrachloride	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Chlorobenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Chloroethane	ug/kg	< 600	< 590	< 770	< 760	< 760	< 1400	< 1200	< 15000	< 850	< 840	< 820	< 250	< 710	< 2100	< 730
Chloroform	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
cis-1,2-Dichloroethylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 1200	< 4600	< 500	< 500	< 820	< 500	< 500	< 2100	< 500
Dibromochloromethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Dibromochloropropane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 1200	< 4600	< 260	< 250	< 820	< 48	< 210	< 2100	< 220
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 250	< 4600	< 260	< 250	< 160	< 250	< 250	< 420	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
Diethyl ether	ug/kg	< 200	< 200	< 230	< 230	< 230	< 410	< 990	< 4600	< 260	< 250	< 660	< 200	< 210	< 1700	< 220
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
Ethylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Ethylene dibromide	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 48	< 210	< 420	< 220
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 410	< 1200	< 4600	< 300	< 300	< 820	< 300	< 300	< 2100	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 250	< 4600	< 260	< 250	< 160	< 250	< 250	< 420	< 250
m&p-Xylene	ug/kg	< 360	< 350	< 460	< 460	< 450	< 810	< 490	< 9100	< 510	< 500	< 330	< 100	< 420	< 830	< 440
Methyl Iodide	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Methylene chloride	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 490	< 4600	< 260	< 250	< 330	< 100	< 210	< 830	< 220
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 250	< 4600	< 260	< 250	< 160	< 250	< 250	< 420	< 250
Naphthalene	ug/kg	< 600	< 590	< 770	< 760	< 760	< 1400	< 1200	< 15000	< 850	< 840	< 820	< 330	< 710	< 2100	< 730
n-Butylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
n-Propylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
o-Xylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220

	Date \ Time Collected	9/20/2011 6:05 PM	9/20/2011 6:05 PM	9/20/2011 6:10 PM	9/21/2011 9:15 AM	9/21/2011 8:21 AM	9/21/2011 9:40 AM	9/21/2011 9:40 AM	9/28/2011 4:30 PM	9/28/2011 4:35 PM	9/27/2011 4:00 PM	9/27/2011 4:00 PM	9/29/2011 2:00 PM	9/29/2011 2:35 PM	9/29/2011 2:35 PM	9/28/2011 5:30 PM
	Location	SBTC0100R 053	SBTC0100R 053	SBTC0100R 055	SBTC0100R 056	SBTC0100R 057	SBTC0100R 059	SBTC0100R 059	SBTC0100R 061A	SBTC0100R 063A	SBTC0100R 065	SBTC0100R 065	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 067B	SBTC0100R 069A
	Sample	SBTC0100R 053S 092011S075	SBTC0100R 053D 092011S075	SBTC0100R 055S 092011S073	SBTC0100R 056S 092111S073	SBTC0100R 057S 092111S072	SBTC0100R 059S 092111S073	SBTC0100R059S092111S073-split	SBTC0100R 061AS 092811S078	SBTC0100R 063AS 092811S079	SBTC0100R 065S 092711S077	SBTC0100R065S092711S077-split	SBTC0100R 067BS 092911S004	SBTC0100R 067BS 092911S069	SBTC0100R067BS092911S069-split	SBTC0100R 069AS 092811S077
	Depth	7 - 7.5 ft	7 - 7.5 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	7.3 - 7.8 ft	7.4 - 7.9 ft	7.25 - 7.75 ft	7.25 - 7.75 ft	0 - 0.4 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7.2 - 7.7 ft
	USCS Code	OL	OL	ML	ML	ML	OL	OL	PT	ML	ML	ML	GP	ML	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result	Split	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
sec-Butylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Styrene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 410	< 1200	< 4600	< 260	< 250	< 820	< 250	< 250	< 2100	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 12000	< 15000	< 2500	< 2500	< 8200	< 2500	< 2500	< 21000	< 2500
t-Butylbenzene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Tetrachloroethylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1400	< 1200	< 15000	< 1000	< 1000	< 820	< 1000	< 1000	< 2100	< 1000
Toluene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
trans-1,2-Dichloroethylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Trichloroethylene	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 50	< 210	< 420	< 220
Trichlorofluoromethane	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 100	< 210	< 420	< 220
Vinyl chloride	ug/kg	< 180	< 180	< 230	< 230	< 230	< 410	< 250	< 4600	< 260	< 250	< 160	< 48	< 210	< 420	< 220
Xylenes	ug/kg	< 360	< 350	< 460	< 460	< 450	< 810	---	< 9100	< 510	< 500	---	< 100	< 420	---	< 440

	Date \ Time Collected	9/28/2011 8:23 AM	9/29/2011 11:35 AM	9/28/2011 4:57 PM	9/28/2011 5:25 PM	9/28/2011 5:25 PM	9/27/2011 5:30 PM	9/29/2011 12:00 PM	9/28/2011 9:20 AM	9/28/2011 9:20 AM	9/28/2011 11:40 AM	9/28/2011 10:15 AM	9/28/2011 10:15 AM	9/28/2011 12:25 PM	9/29/2011 1:45 PM
	Location	SBTC0100R 071	SBTC0100R 071A	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A
	Sample	SBTC0100R 071S 092811S074	SBTC0100R 071AS 092911S069	SBTC0100R 073BS 092811S010	SBTC0100R 073BS 092811S078	SBTC0100R073BS092811S078-split	SBTC0100R 075S 092711S076	SBTC0100R 077BS 092911S074	SBTC0100R 078S 092811S080	SBTC0100R 078D 092811S080	SBTC0100R 079S 092811S078	SBTC0100R 080S 092811S080	SBTC0100R 081S 092811S078	SBTC0100R 082S 092811S063	SBTC0100R 083AS 092911S060
	Depth	6.9 - 7.4 ft	6.4 - 6.9 ft	0 - 1 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	7.5 - 8 ft	7.5 - 8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.3 - 7.8 ft	6 - 6.3 ft	5.5 - 6 ft
	USCS Code	OL	ML	OL	ML	ML	ML	OL	ML	ML	OL	ML	ML	GP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	**11**	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	**18**	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.51	< 0.53	< 0.50	< 0.50	**10**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.56**
Cadmium	mg/kg	---	---	---	---	**0.85**	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**11**	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	**11**	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	**7400**	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	**10**	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.12	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	**1.5**	**3.8**	**1.9**	**9.5**	< 1.0	**1.4**	**7.2**	**9.9**	**4.5**	**35**	**37**	**2.6**	**45**
Nickel	mg/kg	**12**	**1.7**	**6.4**	**1.0**	**10**	< 1.0	**1.1**	**11**	**14**	**2.0**	**5.1**	**3.6**	**12**	**9.8**
Selenium	mg/kg	---	---	---	---	**8.8**	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	**0.89**	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	< 1.0	**1.6**	**9.1**	< 1.0	**11**	< 1.0	**1.2**	**1.8**	**2.1**	**2.1**	**5.0**	**4.4**	**15**	**11**
Zinc	mg/kg	---	---	---	---	**14**	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 5400	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 4300	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 2100	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/28/2011 8:23 AM	9/29/2011 11:35 AM	9/28/2011 4:57 PM	9/28/2011 5:25 PM	9/28/2011 5:25 PM	9/27/2011 5:30 PM	9/29/2011 12:00 PM	9/28/2011 9:20 AM	9/28/2011 9:20 AM	9/28/2011 11:40 AM	9/28/2011 10:15 AM	9/28/2011 10:15 AM	9/28/2011 12:25 PM	9/29/2011 1:45 PM
	Location	SBTC0100R 071	SBTC0100R 071A	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A
	Sample	SBTC0100R 071S 092811S074	SBTC0100R 071AS 092911S069	SBTC0100R 073BS 092811S010	SBTC0100R 073BS 092811S078	SBTC0100R073BS092811S078-split	SBTC0100R 075S 092711S076	SBTC0100R 077BS 092911S074	SBTC0100R 078S 092811S080	SBTC0100R 078D 092811S080	SBTC0100R 079S 092811S078	SBTC0100R 080S 092811S080	SBTC0100R 081S 092811S078	SBTC0100R 082S 092811S063	SBTC0100R 083AS 092911S060
	Depth	6.9 - 7.4 ft	6.4 - 6.9 ft	0 - 1 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	7.5 - 8 ft	7.5 - 8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.3 - 7.8 ft	6 - 6.3 ft	5.5 - 6 ft
	USCS Code	OL	ML	OL	ML	ML	ML	OL	ML	ML	OL	ML	ML	GP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Solids															
Moisture	%	**55**	**57**	**50**	**54**	---	**57**	**60**	**52**	**53**	**54**	**50**	**47**	**15**	**56**
Solids	%	---	---	---	---	**46.7**	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 5.5	< 5.8	**6.8**	< 5.4	---	**8.1**	< 6.2	< 5.3	< 5.3	< 5.3	< 5.0	< 4.7	< 4.0	< 5.7
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 54000	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 16000	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**28**	**22**	**29**	**12**	---	**24**	**17**	**17**	**18**	**6.7**	**13**	**14**	< 4.0	**21**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 210000	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,1,1-Trichloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,1,2,2-Tetrachloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,1,2-Trichloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,1-Dichloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,1-Dichloroethylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,2,3-Trichlorobenzene	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,2,3-Trimethylbenzene	ug/kg	< 250	< 260	< 250	< 250	< 160	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,2-Dichlorobenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,2-Dichloroethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,2-Dichloropropane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,3,5-Trimethylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,3-Dichlorobenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
1,3-Dichloropropene, cis	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,3-Dichloropropene, trans	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,4-Dichloro-2-butene, trans	ug/kg	< 230	< 260	< 180	< 220	< 820	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
1,4-Dichlorobenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
2-Butanone (MEK)	ug/kg	< 770	< 860	< 750	< 750	< 820	< 850	< 1000	< 750	< 750	< 750	< 750	< 750	< 750	< 810
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 820	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 770	< 860	< 600	< 730	< 820	< 850	< 1000	< 670	< 700	< 720	< 600	< 520	< 330	< 810
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 820	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/28/2011 8:23 AM	9/29/2011 11:35 AM	9/28/2011 4:57 PM	9/28/2011 5:25 PM	9/28/2011 5:25 PM	9/27/2011 5:30 PM	9/29/2011 12:00 PM	9/28/2011 9:20 AM	9/28/2011 9:20 AM	9/28/2011 11:40 AM	9/28/2011 10:15 AM	9/28/2011 10:15 AM	9/28/2011 12:25 PM	9/29/2011 1:45 PM
	Location	SBTC0100R 071	SBTC0100R 071A	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A
	Sample	SBTC0100R 071S 092811S074	SBTC0100R 071AS 092911S069	SBTC0100R 073BS 092811S010	SBTC0100R 073BS 092811S078	SBTC0100R073BS092811S078-split	SBTC0100R 075S 092711S076	SBTC0100R 077BS 092911S074	SBTC0100R 078S 092811S080	SBTC0100R 078D 092811S080	SBTC0100R 079S 092811S078	SBTC0100R 080S 092811S080	SBTC0100R 081S 092811S078	SBTC0100R 082S 092811S063	SBTC0100R 083AS 092911S060
	Depth	6.9 - 7.4 ft	6.4 - 6.9 ft	0 - 1 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	7.5 - 8 ft	7.5 - 8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.3 - 7.8 ft	6 - 6.3 ft	5.5 - 6 ft
	USCS Code	OL	ML	OL	ML	ML	ML	OL	ML	ML	OL	ML	ML	GP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1900	< 2100	< 2400	< 1800	< 3300	< 2100	< 2500	< 1700	< 1700	< 1800	< 1500	< 1300	< 1000	< 2000
Acrylonitrile	ug/kg	< 230	< 260	< 180	< 220	< 820	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Benzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Bromobenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Bromochloromethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Bromodichloromethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Bromoform	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Bromomethane	ug/kg	< 230	< 260	< 200	< 220	< 660	< 250	< 300	< 200	< 210	< 220	< 200	< 200	< 200	< 240
Carbon disulfide	ug/kg	< 250	< 260	< 250	< 250	< 160	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Chlorobenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Chloroethane	ug/kg	< 770	< 860	< 600	< 730	< 820	< 850	< 1000	< 670	< 700	< 720	< 600	< 520	< 250	< 810
Chloroform	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Chloromethane	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 480	< 360	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 820	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Dibromochloropropane	ug/kg	< 230	< 260	< 180	< 220	< 820	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 48	< 240
Dibromomethane	ug/kg	< 250	< 260	< 250	< 250	< 160	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 230	< 260	< 200	< 220	< 660	< 250	< 300	< 200	< 210	< 220	< 200	< 200	< 200	< 240
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Ethylene dibromide	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 48	< 240
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 820	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 260	< 250	< 250	< 160	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 460	< 510	< 360	< 440	< 330	< 510	< 600	< 400	< 420	< 430	< 360	< 310	< 100	< 490
Methyl Iodide	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Methylene chloride	ug/kg	< 230	< 260	< 180	< 220	< 330	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 260	< 250	< 250	< 160	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 770	< 860	< 600	< 730	< 820	< 850	< 1000	< 670	< 700	< 720	< 600	< 520	< 330	< 810
n-Butylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
n-Propylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
o-Xylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240

	Date \ Time Collected	9/28/2011 8:23 AM	9/29/2011 11:35 AM	9/28/2011 4:57 PM	9/28/2011 5:25 PM	9/28/2011 5:25 PM	9/27/2011 5:30 PM	9/29/2011 12:00 PM	9/28/2011 9:20 AM	9/28/2011 9:20 AM	9/28/2011 11:40 AM	9/28/2011 10:15 AM	9/28/2011 10:15 AM	9/28/2011 12:25 PM	9/29/2011 1:45 PM
	Location	SBTC0100R 071	SBTC0100R 071A	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 073B	SBTC0100R 075	SBTC0100R 077B	SBTC0100R 078	SBTC0100R 078	SBTC0100R 079	SBTC0100R 080	SBTC0100R 081	SBTC0100R 082	SBTC0100R 083A
	Sample	SBTC0100R 071S 092811S074	SBTC0100R 071AS 092911S069	SBTC0100R 073BS 092811S010	SBTC0100R 073BS 092811S078	SBTC0100R073BS092811S078-split	SBTC0100R 075S 092711S076	SBTC0100R 077BS 092911S074	SBTC0100R 078S 092811S080	SBTC0100R 078D 092811S080	SBTC0100R 079S 092811S078	SBTC0100R 080S 092811S080	SBTC0100R 081S 092811S078	SBTC0100R 082S 092811S063	SBTC0100R 083AS 092911S060
	Depth	6.9 - 7.4 ft	6.4 - 6.9 ft	0 - 1 ft	7.3 - 7.8 ft	7.3 - 7.8 ft	7.1 - 7.6 ft	6.9 - 7.4 ft	7.5 - 8 ft	7.5 - 8 ft	7.3 - 7.8 ft	7.5 - 8 ft	7.3 - 7.8 ft	6 - 6.3 ft	5.5 - 6 ft
	USCS Code	OL	ML	OL	ML	ML	ML	OL	ML	ML	OL	ML	ML	GP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
sec-Butylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Styrene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 260	< 250	< 250	< 820	< 250	< 300	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 8200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Tetrachloroethylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 820	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 230	< 260	**3000**	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
trans-1,2-Dichloroethylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Trichloroethylene	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 50	< 240
Trichlorofluoromethane	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 100	< 240
Vinyl chloride	ug/kg	< 230	< 260	< 180	< 220	< 160	< 250	< 300	< 200	< 210	< 220	< 180	< 160	< 48	< 240
Xylenes	ug/kg	< 460	< 510	< 360	< 440	---	< 510	< 600	< 400	< 420	< 430	< 360	< 310	< 100	< 490

	Date \ Time Collected	9/28/2011 1:05 PM	9/28/2011 1:05 PM	9/28/2011 1:25 PM	9/28/2011 5:55 PM	9/28/2011 6:15 PM	9/28/2011 3:30 PM	9/28/2011 4:15 PM	9/28/2011 3:45 PM	9/28/2011 3:35 PM	9/29/2011 3:05 PM	9/29/2011 3:05 PM	9/29/2011 3:15 PM	9/29/2011 3:40 PM	9/29/2011 3:45 PM	9/29/2011 3:45 PM
	Location	SBTC0100R 084	SBTC0100R 084	SBTC0100R 084	SBTC0100R 085	SBTC0100R 085	SBTC0100R 086	SBTC0100R 086	SBTC0100R 087	SBTC0100R 087	SBTC0100R 088	SBTC0100R 088	SBTC0100R 089	SBTC0100R 090	SBTC0100R 091	SBTC0100R 091
	Sample	SBTC0100R 084S 092811S010	SBTC0100R084S092811S010-split	SBTC0100R 084S 092811S063	SBTC0100R 085S 092811S010	SBTC0100R 085S 092811S071	SBTC0100R 086S 092811S002	SBTC0100R 086S 092811S072	SBTC0100R 087S 092811S073	SBTC0150R087S092811S075-split	SBTC0100R 088S 092911S065	SBTC0100R 088D 092911S065	SBTC0100R 089S 092911S075	SBTC0100R 090S 092911S066	SBTC0100R 091S 092911S073	SBTC0100R 091D 092911S073
	Depth	0 - 1 ft	0 - 1 ft	5.8 - 6.3 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 0.25 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	6.1 - 6.6 ft	6.8 - 7.35 ft	6.8 - 7.3 ft
	USCS Code	OL	OL	SW	OL	SW	OL	SP	SP	SP	OL	OL	OL	PT	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Duplicate
Metals																
Arsenic	mg/kg	---	**36**	---	---	---	---	---	---	**1.7**	---	---	---	---	---	---
Barium	mg/kg	---	**120**	---	---	---	---	---	---	**7.5**	---	---	---	---	---	---
Beryllium	mg/kg	< 1.5	< 0.2	< 0.50	< 1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 1.1	< 1.4	< 1.0	< 1.5	< 1.2	< 1.2
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	< 0.2	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**11**	---	---	---	---	---	---	**3.6**	---	---	---	---	---	---
Copper	mg/kg	---	**4.9**	---	---	---	---	---	---	**3.5**	---	---	---	---	---	---
Iron	mg/kg	---	**26000**	---	---	---	---	---	---	**4300**	---	---	---	---	---	---
Lead	mg/kg	---	**3.6**	---	---	---	---	---	---	**2.2**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.28	---	---	---	---	---	---	< 0.05	---	---	---	---	---	---
Molybdenum	mg/kg	**19**	**12**	< 1.0	**15**	**4.7**	**1.6**	< 1.0	< 1.0	< 1	**3.7**	**4.6**	**4.5**	**4.5**	**3.7**	**5.2**
Nickel	mg/kg	**3.3**	**5.5**	**5.1**	**5.0**	**23**	**11**	**3.7**	**5.8**	**4.3**	**6.4**	**9.6**	**9.5**	**3.3**	**4.3**	**3.7**
Selenium	mg/kg	---	**0.40**	---	---	---	---	---	---	< 0.2	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**8.2**	**8.1**	**5.9**	**7.7**	**8.4**	**17**	**6.3**	**7.7**	**5.4**	**8.6**	**13**	**12**	**2.6**	**3.1**	**3.2**
Zinc	mg/kg	---	**20**	---	---	---	---	---	---	**18**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 540	< 2700	< 330	< 440	< 330	< 330	< 330	< 330	< 590	< 450	< 490	< 420	< 530	< 440	< 450
Acenaphthene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 2200	< 330	< 330	< 330	< 330	< 330	< 330	< 470	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/28/2011 1:05 PM	9/28/2011 1:05 PM	9/28/2011 1:25 PM	9/28/2011 5:55 PM	9/28/2011 6:15 PM	9/28/2011 3:30 PM	9/28/2011 4:15 PM	9/28/2011 3:45 PM	9/28/2011 3:35 PM	9/29/2011 3:05 PM	9/29/2011 3:05 PM	9/29/2011 3:15 PM	9/29/2011 3:40 PM	9/29/2011 3:45 PM	9/29/2011 3:45 PM
	Location	SBTC0100R 084	SBTC0100R 084	SBTC0100R 084	SBTC0100R 085	SBTC0100R 085	SBTC0100R 086	SBTC0100R 086	SBTC0100R 087	SBTC0100R 087	SBTC0100R 088	SBTC0100R 088	SBTC0100R 089	SBTC0100R 090	SBTC0100R 091	SBTC0100R 091
	Sample	SBTC0100R 084S 092811S010	SBTC0100R084S092811S010-split	SBTC0100R 084S 092811S063	SBTC0100R 085S 092811S010	SBTC0100R 085S 092811S071	SBTC0100R 086S 092811S002	SBTC0100R 086S 092811S072	SBTC0100R 087S 092811S073	SBTC0150R087S092811S075-split	SBTC0100R 088S 092911S065	SBTC0100R 088D 092911S065	SBTC0100R 089S 092911S075	SBTC0100R 090S 092911S066	SBTC0100R 091S 092911S073	SBTC0100R 091D 092911S073
	Depth	0 - 1 ft	0 - 1 ft	5.8 - 6.3 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 0.25 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	6.1 - 6.6 ft	6.8 - 7.35 ft	6.8 - 7.3 ft
	USCS Code	OL	OL	SW	OL	SW	OL	SP	SP	SP	OL	OL	OL	PT	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Duplicate
Solids																
Moisture	%	**85**	---	**12**	**82**	**9.2**	**22**	**16**	**14**	---	**83**	**84**	**81**	**85**	**82**	**82**
Solids	%	---	**18.3**	---	---	---	---	---	---	**84.8**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 17	---	< 4.0	< 14	< 4.0	**4.3**	**4.7**	**4.7**	---	< 14	**17**	< 13	< 17	**17**	< 14
Diesel Range Organics (C10-C20)	ug/kg	---	< 140000	---	---	---	---	---	---	< 29000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 6.8	---	< 4.0	< 5.6	< 4.0	< 4.0	< 4.0	< 4.0	---	< 5.7	< 6.2	< 5.3	< 6.7	< 5.5	< 5.6
Gasoline Range Organics (C6-C10)	ug/kg	---	< 50000	---	---	---	---	---	---	< 6800	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**86**	---	**11**	**43**	**8.8**	**29**	**18**	**13**	---	**110**	**150**	**52**	**64**	**110**	**42**
Oil Range Organics (C20-C34)	ug/kg	---	< 550000	---	---	---	---	---	---	< 120000	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,1,1-Trichloroethane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,1,2,2-Tetrachloroethane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,1,2-Trichloroethane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,1-Dichloroethane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,1-Dichloroethylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2,3-Trichlorobenzene	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2,3-Trichloropropane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2,3-Trimethylbenzene	ug/kg	< 2500	< 500	< 250	< 1700	< 250	< 250	< 250	< 250	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2,4-Trichlorobenzene	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2,4-Trimethylbenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2-Dichlorobenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2-Dichloroethane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,2-Dichloropropane	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,3,5-Trimethylbenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,3-Dichlorobenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,3-Dichloropropene, cis	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,3-Dichloropropene, trans	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,4-Dichloro-2-butene, trans	ug/kg	< 2500	< 2500	< 50	< 1700	< 50	< 60	< 50	< 50	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
1,4-Dichlorobenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
2-Butanone (MEK)	ug/kg	< 8400	< 2500	< 750	< 5600	< 750	< 750	< 750	< 750	< 340	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 8400	< 2500	< 330	< 5600	< 330	< 330	< 330	< 330	< 340	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/28/2011 1:05 PM	9/28/2011 1:05 PM	9/28/2011 1:25 PM	9/28/2011 5:55 PM	9/28/2011 6:15 PM	9/28/2011 3:30 PM	9/28/2011 4:15 PM	9/28/2011 3:45 PM	9/28/2011 3:35 PM	9/29/2011 3:05 PM	9/29/2011 3:05 PM	9/29/2011 3:15 PM	9/29/2011 3:40 PM	9/29/2011 3:45 PM	9/29/2011 3:45 PM
	Location	SBTC0100R 084	SBTC0100R 084	SBTC0100R 084	SBTC0100R 085	SBTC0100R 085	SBTC0100R 086	SBTC0100R 086	SBTC0100R 087	SBTC0100R 087	SBTC0100R 088	SBTC0100R 088	SBTC0100R 089	SBTC0100R 090	SBTC0100R 091	SBTC0100R 091
	Sample	SBTC0100R 084S 092811S010	SBTC0100R084S092811S010-split	SBTC0100R 084S 092811S063	SBTC0100R 085S 092811S010	SBTC0100R 085S 092811S071	SBTC0100R 086S 092811S002	SBTC0100R 086S 092811S072	SBTC0100R 087S 092811S073	SBTC0150R087S092811S075-split	SBTC0100R 088S 092911S065	SBTC0100R 088D 092911S065	SBTC0100R 089S 092911S075	SBTC0100R 090S 092911S066	SBTC0100R 091S 092911S073	SBTC0100R 091D 092911S073
	Depth	0 - 1 ft	0 - 1 ft	5.8 - 6.3 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 0.25 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	6.1 - 6.6 ft	6.8 - 7.35 ft	6.8 - 7.3 ft
	USCS Code	OL	OL	SW	OL	SW	OL	SP	SP	SP	OL	OL	OL	PT	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Duplicate
Acetone	ug/kg	< 21000	< 10000	< 1000	< 14000	< 1000	< 1000	< 1000	< 1000	< 1400	< 15000	< 18000	< 13000	< 25000	< 14000	< 14000
Acrylonitrile	ug/kg	< 2500	< 2500	< 100	< 1700	< 100	< 100	< 100	< 100	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Benzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Bromobenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Bromochloromethane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Bromodichloromethane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Bromoform	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Bromomethane	ug/kg	< 2500	< 2000	< 200	< 1700	< 200	< 200	< 200	< 200	< 270	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Carbon disulfide	ug/kg	< 2500	< 500	< 250	< 1700	< 250	< 250	< 250	< 250	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Carbon tetrachloride	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Chlorobenzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Chloroethane	ug/kg	< 8400	< 2500	< 250	< 5600	< 250	< 250	< 250	< 250	< 340	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
Chloroform	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Chloromethane	ug/kg	< 2500	< 2500	< 250	< 6800	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
cis-1,2-Dichloroethylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Cyclohexane	ug/kg	< 2500	< 2500	< 500	< 1700	< 500	< 500	< 500	< 500	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Dibromochloromethane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Dibromochloropropane	ug/kg	< 2500	< 2500	< 43	< 1700	< 40	< 60	< 49	< 46	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Dibromomethane	ug/kg	< 2500	< 500	< 250	< 1700	< 250	< 250	< 250	< 250	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Dichlorodifluoromethane	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Diethyl ether	ug/kg	< 2500	< 2000	< 200	< 1700	< 200	< 200	< 200	< 200	< 270	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Di-isopropyl ether (DIPE)	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Ethylbenzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Ethylene dibromide	ug/kg	< 2500	< 500	< 43	< 1700	< 40	< 60	< 49	< 46	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Hexachloroethane	ug/kg	< 2500	< 2500	< 300	< 1700	< 300	< 300	< 300	< 300	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Isopropyl benzene	ug/kg	< 2500	< 500	< 250	< 1700	< 250	< 250	< 250	< 250	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
m&p-Xylene	ug/kg	< 5000	< 1000	< 100	< 3400	< 100	< 120	< 100	< 100	< 140	< 3700	< 4300	< 3100	< 4900	< 3300	< 3400
Methyl Iodide	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Methylene chloride	ug/kg	< 2500	< 1000	< 100	< 1700	< 100	< 100	< 100	< 100	< 140	< 1800	< 2100	< 1500	< 4100	< 1700	< 1700
Methyl-tert-butyl ether (MTBE)	ug/kg	< 2500	< 500	< 250	< 1700	< 250	< 250	< 250	< 250	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Naphthalene	ug/kg	< 8400	< 2500	< 330	< 5600	< 330	< 330	< 330	< 330	< 340	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
n-Butylbenzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
n-Propylbenzene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
o-Xylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700

	Date \ Time Collected	9/28/2011 1:05 PM	9/28/2011 1:05 PM	9/28/2011 1:25 PM	9/28/2011 5:55 PM	9/28/2011 6:15 PM	9/28/2011 3:30 PM	9/28/2011 4:15 PM	9/28/2011 3:45 PM	9/28/2011 3:35 PM	9/29/2011 3:05 PM	9/29/2011 3:05 PM	9/29/2011 3:15 PM	9/29/2011 3:40 PM	9/29/2011 3:45 PM	9/29/2011 3:45 PM
	Location	SBTC0100R 084	SBTC0100R 084	SBTC0100R 084	SBTC0100R 085	SBTC0100R 085	SBTC0100R 086	SBTC0100R 086	SBTC0100R 087	SBTC0100R 087	SBTC0100R 088	SBTC0100R 088	SBTC0100R 089	SBTC0100R 090	SBTC0100R 091	SBTC0100R 091
	Sample	SBTC0100R 084S 092811S010	SBTC0100R084S092811S010-split	SBTC0100R 084S 092811S063	SBTC0100R 085S 092811S010	SBTC0100R 085S 092811S071	SBTC0100R 086S 092811S002	SBTC0100R 086S 092811S072	SBTC0100R 087S 092811S073	SBTC0150R087S092811S075-split	SBTC0100R 088S 092911S065	SBTC0100R 088D 092911S065	SBTC0100R 089S 092911S075	SBTC0100R 090S 092911S066	SBTC0100R 091S 092911S073	SBTC0100R 091D 092911S073
	Depth	0 - 1 ft	0 - 1 ft	5.8 - 6.3 ft	0 - 1 ft	6.6 - 7.1 ft	0 - 0.25 ft	6.7 - 7.2 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	6 - 6.5 ft	6 - 6.5 ft	7 - 7.5 ft	6.1 - 6.6 ft	6.8 - 7.35 ft	6.8 - 7.3 ft
	USCS Code	OL	OL	SW	OL	SW	OL	SP	SP	SP	OL	OL	OL	PT	OL	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result	Duplicate
p-Isopropyl toluene (p-Cymene)	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
sec-Butylbenzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Styrene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
t-Amyl methyl ether (TAME)	ug/kg	< 2500	< 2500	< 250	< 1700	< 250	< 250	< 250	< 250	< 340	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
t-Butyl alcohol	ug/kg	< 8400	< 25000	< 2500	< 5600	< 2500	< 2500	< 2500	< 2500	< 3400	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
t-Butylbenzene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Tetrachloroethylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Tetrahydrofuran	ug/kg	< 8400	< 2500	< 1000	< 5600	< 1000	< 1000	< 1000	< 1000	< 340	< 6200	< 7100	< 5100	< 8200	< 5500	< 5700
Toluene	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
trans-1,2-Dichloroethylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Trichloroethylene	ug/kg	< 2500	< 500	< 50	< 1700	< 50	< 60	< 50	< 50	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Trichlorofluoromethane	ug/kg	< 2500	< 500	< 100	< 1700	< 100	< 100	< 100	< 100	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Vinyl chloride	ug/kg	< 2500	< 500	< 43	< 1700	< 40	< 60	< 49	< 46	< 68	< 1800	< 2100	< 1500	< 2500	< 1700	< 1700
Xylenes	ug/kg	< 5000	---	< 100	< 3400	< 100	< 120	< 100	< 100	---	< 3700	< 4300	< 3100	< 4900	< 3300	< 3400

	Date \ Time Collected	9/30/2011 1:22 PM	9/30/2011 1:22 PM	10/13/2011 6:12 PM	10/13/2011 6:12 PM	10/14/2011 8:19 AM	10/14/2011 12:55 PM	10/14/2011 2:30 PM	9/29/2011 3:55 PM	9/29/2011 3:55 PM	9/29/2011 4:25 PM	9/29/2011 4:55 PM	9/29/2011 4:55 PM	9/29/2011 5:20 PM	9/29/2011 6:20 PM	9/30/2011 1:05 PM
	Location	SBTC0100R 092A	SBTC0100R 092A	SBTC0100R 092B	SBTC0100R 092B	SBTC0100R 092D	SBTC0100R 092I	SBTC0100R 092K	SBTC0100R 093	SBTC0100R 093	SBTC0100R 093	SBTC0100R 094	SBTC0100R 094	SBTC0100R 094	SBTC0100R 095	SBTC0100R 096A
	Sample	SBTC0100R 092AS 093011S078	SBTC0100R 092AD 093011S078	SBTC0100R 092BS 101311S010	SBTC0100R 092BD 101311S010	SBTC0100R 092DS 101411S010	SBTC0100R 092IS 101411S004	SBTC0100R 092KS 101411S010	SBTC0100R 093S 092911S010	SBTC0100R093 3S092911S01 0-split	SBTC0100R 093S 092911S072	SBTC0100R 094S 092911S010	SBTC0100R 094D 092911S010	SBTC0100R 094S 092911S079	SBTC0100R 095S 092911S080	SBTC0100R 096AS 093011S004
	Depth	7.3 - 7.85 ft	7.3 - 7.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	0 - 1 ft	7.55 - 7.9 ft	7.5 - 8 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	OL	OL	SP	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	**28**	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	**130**	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	**0.86**	**0.56**	**0.55**	< 0.50	< 0.50	< 0.50	**0.47**	< 0.87	< 0.50	< 0.50	< 0.97	< 0.63	< 0.76
Cadmium	mg/kg	---	---	---	---	---	---	---	---	**0.44**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	**8.3**	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	**25**	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	**68000**	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	**9.3**	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	< 0.12	---	---	---	---	---	---
Molybdenum	mg/kg	**1.2**	**1.4**	**1.9**	**1.9**	**3.9**	**2.8**	**3.1**	**2.5**	**2.7**	**3.7**	**5.3**	**3.9**	< 1.9	**1.7**	**2.4**
Nickel	mg/kg	**1.6**	**1.5**	**16**	**17**	**13**	**9.7**	**12**	**11**	**11**	**7.6**	**15**	**15**	**8.3**	**1.5**	**16**
Selenium	mg/kg	---	---	---	---	---	---	---	---	**1.7**	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**1.2**	**1.3**	**34**	**27**	**25**	**13**	**15**	**19**	**16**	**9.8**	**20**	**23**	**9.9**	**1.4**	**32**
Zinc	mg/kg	---	---	---	---	---	---	---	---	**30**	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 1100	< 330	< 330	< 330	< 360	< 330	< 370
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 850	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/30/2011 1:22 PM	9/30/2011 1:22 PM	10/13/2011 6:12 PM	10/13/2011 6:12 PM	10/14/2011 8:19 AM	10/14/2011 12:55 PM	10/14/2011 2:30 PM	9/29/2011 3:55 PM	9/29/2011 3:55 PM	9/29/2011 4:25 PM	9/29/2011 4:55 PM	9/29/2011 4:55 PM	9/29/2011 5:20 PM	9/29/2011 6:20 PM	9/30/2011 1:05 PM
	Location	SBTC0100R 092A	SBTC0100R 092A	SBTC0100R 092B	SBTC0100R 092B	SBTC0100R 092D	SBTC0100R 092I	SBTC0100R 092K	SBTC0100R 093	SBTC0100R 093	SBTC0100R 093	SBTC0100R 094	SBTC0100R 094	SBTC0100R 094	SBTC0100R 095	SBTC0100R 096A
	Sample	SBTC0100R 092AS 093011S078	SBTC0100R 092AD 093011S078	SBTC0100R 092BS 101311S010	SBTC0100R 092BD 101311S010	SBTC0100R 092DS 101411S010	SBTC0100R 092IS 101411S004	SBTC0100R 092KS 101411S010	SBTC0100R 093S 092911S010	SBTC0100R093S092911S010-split	SBTC0100R 093S 092911S072	SBTC0100R 094S 092911S010	SBTC0100R 094D 092911S010	SBTC0100R 094S 092911S079	SBTC0100R 095S 092911S080	SBTC0100R 096AS 093011S004
	Depth	7.3 - 7.85 ft	7.3 - 7.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	0 - 1 ft	7.55 - 7.9 ft	7.5 - 8 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	OL	OL	SP	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result	Result	Result
Solids																
Moisture	%	**62**	**62**	**46**	**44**	**53**	**51**	**42**	**50**	---	**75**	**51**	**51**	**78**	**65**	**79**
Solids	%	---	---	---	---	---	---	---	---	**47.3**	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 6.6	< 6.5	**21**	**38**	**45**	< 20	**30**	< 5.0	---	< 10	< 5.1	< 5.0	< 11	< 7.0	< 12
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	< 53000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.1	< 4.0	< 4.0	< 4.5	< 4.0	< 4.7
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	< 16000	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**28**	**43**	**150**	**200**	**340**	**110**	**240**	**30**	---	**31**	**49**	**31**	**74**	**33**	**47**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	**240000**	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,1,1-Trichloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,1,2,2-Tetrachloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,1,2-Trichloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,1-Dichloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,1-Dichloroethylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,2,3-Trichlorobenzene	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
1,2,3-Trichloropropane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,2,3-Trimethylbenzene	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 160	< 850	< 250	< 250	< 1100	< 410	< 1200
1,2,4-Trichlorobenzene	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
1,2,4-Trimethylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,2-Dichlorobenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,2-Dichloroethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,2-Dichloropropane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,3,5-Trimethylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,3-Dichlorobenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,3-Dichloropropene, cis	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,3-Dichloropropene, trans	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
1,4-Dichloro-2-butene, trans	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 810	< 850	< 190	< 190	< 1100	< 410	< 1200
1,4-Dichlorobenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
2-Butanone (MEK)	ug/kg	< 1100	< 1100	< 750	< 750	< 750	< 750	< 750	< 750	< 810	< 2800	< 750	< 750	< 3600	< 1400	< 4100
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 810	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1100	< 1100	< 500	< 460	< 690	< 630	< 420	< 600	< 810	< 2800	< 630	< 630	< 3600	< 1400	< 4100
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 810	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/30/2011 1:22 PM	9/30/2011 1:22 PM	10/13/2011 6:12 PM	10/13/2011 6:12 PM	10/14/2011 8:19 AM	10/14/2011 12:55 PM	10/14/2011 2:30 PM	9/29/2011 3:55 PM	9/29/2011 3:55 PM	9/29/2011 4:25 PM	9/29/2011 4:55 PM	9/29/2011 4:55 PM	9/29/2011 5:20 PM	9/29/2011 6:20 PM	9/30/2011 1:05 PM
	Location	SBTC0100R 092A	SBTC0100R 092A	SBTC0100R 092B	SBTC0100R 092B	SBTC0100R 092D	SBTC0100R 092I	SBTC0100R 092K	SBTC0100R 093	SBTC0100R 093	SBTC0100R 093	SBTC0100R 094	SBTC0100R 094	SBTC0100R 094	SBTC0100R 095	SBTC0100R 096A
	Sample	SBTC0100R 092AS 093011S078	SBTC0100R 092AD 093011S078	SBTC0100R 092BS 101311S010	SBTC0100R 092BD 101311S010	SBTC0100R 092DS 101411S010	SBTC0100R 092IS 101411S004	SBTC0100R 092KS 101411S010	SBTC0100R 093S 092911S010	SBTC0100R093S092911S010-split	SBTC0100R 093S 092911S072	SBTC0100R 094S 092911S010	SBTC0100R 094D 092911S010	SBTC0100R 094S 092911S079	SBTC0100R 095S 092911S080	SBTC0100R 096AS 093011S004
	Depth	7.3 - 7.85 ft	7.3 - 7.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	0 - 1 ft	7.55 - 7.9 ft	7.5 - 8 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	OL	OL	SP	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result	Result	Result
Acetone	ug/kg	< 2800	< 2800	< 1200	< 1200	< 1700	< 1600	< 1500	< 1500	< 3300	< 7100	< 1700	< 1700	< 9100	< 3400	< 10000
Acrylonitrile	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 810	< 850	< 190	< 190	< 1100	< 410	< 1200
Benzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Bromobenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Bromochloromethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Bromodichloromethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Bromoform	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Bromomethane	ug/kg	< 340	< 330	< 200	< 200	< 210	< 200	< 200	< 200	< 650	< 850	< 200	< 200	< 1100	< 410	< 1200
Carbon disulfide	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 160	< 850	< 250	< 250	< 1100	< 410	< 1200
Carbon tetrachloride	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Chlorobenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Chloroethane	ug/kg	< 1100	< 1100	< 500	< 460	< 690	< 630	< 420	< 600	< 810	< 2800	< 630	< 630	< 3600	< 1400	< 4100
Chloroform	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Chloromethane	ug/kg	< 340	< 330	< 250	< 460	< 1000	< 1300	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
cis-1,2-Dichloroethylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 810	< 850	< 500	< 500	< 1100	< 500	< 1200
Dibromochloromethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Dibromochloropropane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 810	< 850	< 190	< 190	< 1100	< 410	< 1200
Dibromomethane	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 160	< 850	< 250	< 250	< 1100	< 410	< 1200
Dichlorodifluoromethane	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
Diethyl ether	ug/kg	< 340	< 330	< 200	< 200	< 210	< 200	< 200	< 200	< 650	< 850	< 200	< 200	< 1100	< 410	< 1200
Di-isopropyl ether (DIPE)	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
Ethylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Ethylene dibromide	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
Hexachloroethane	ug/kg	< 340	< 330	< 300	< 300	< 300	< 300	< 300	< 300	< 810	< 850	< 300	< 300	< 1100	< 410	< 1200
Isopropyl benzene	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 160	< 850	< 250	< 250	< 1100	< 410	< 1200
m&p-Xylene	ug/kg	< 680	< 670	< 300	< 280	< 410	< 380	< 250	< 360	< 330	< 1700	< 380	< 380	< 2200	< 810	< 2400
Methyl Iodide	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Methylene chloride	ug/kg	< 340	< 330	< 250	< 230	< 210	< 190	< 300	< 180	< 330	< 850	< 190	< 190	< 1100	< 410	< 1200
Methyl-tert-butyl ether (MTBE)	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 160	< 850	< 250	< 250	< 1100	< 410	< 1200
Naphthalene	ug/kg	< 1100	< 1100	< 500	< 460	< 690	< 630	< 420	< 600	< 810	< 2800	< 630	< 630	< 3600	< 1400	< 4100
n-Butylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
n-Propylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
o-Xylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200

	Date \ Time Collected	9/30/2011 1:22 PM	9/30/2011 1:22 PM	10/13/2011 6:12 PM	10/13/2011 6:12 PM	10/14/2011 8:19 AM	10/14/2011 12:55 PM	10/14/2011 2:30 PM	9/29/2011 3:55 PM	9/29/2011 3:55 PM	9/29/2011 4:25 PM	9/29/2011 4:55 PM	9/29/2011 4:55 PM	9/29/2011 5:20 PM	9/29/2011 6:20 PM	9/30/2011 1:05 PM
	Location	SBTC0100R 092A	SBTC0100R 092A	SBTC0100R 092B	SBTC0100R 092B	SBTC0100R 092D	SBTC0100R 092I	SBTC0100R 092K	SBTC0100R 093	SBTC0100R 093	SBTC0100R 093	SBTC0100R 094	SBTC0100R 094	SBTC0100R 094	SBTC0100R 095	SBTC0100R 096A
	Sample	SBTC0100R 092AS 093011S078	SBTC0100R 092AD 093011S078	SBTC0100R 092BS 101311S010	SBTC0100R 092BD 101311S010	SBTC0100R 092DS 101411S010	SBTC0100R 092IS 101411S004	SBTC0100R 092KS 101411S010	SBTC0100R 093S 092911S010	SBTC0100R093S092911S010-split	SBTC0100R 093S 092911S072	SBTC0100R 094S 092911S010	SBTC0100R 094D 092911S010	SBTC0100R 094S 092911S079	SBTC0100R 095S 092911S080	SBTC0100R 096AS 093011S004
	Depth	7.3 - 7.85 ft	7.3 - 7.8 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	0 - 0.4 ft	0 - 1 ft	0 - 1 ft	0 - 1 ft	6.7 - 7.2 ft	0 - 1 ft	0 - 1 ft	7.55 - 7.9 ft	7.5 - 8 ft	0 - 0.4 ft
	USCS Code	OL	OL	OL	OL	OL	OL	OL	OL	OL	ML	OL	OL	SP	ML	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Duplicate	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
sec-Butylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Styrene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
t-Amyl methyl ether (TAME)	ug/kg	< 340	< 330	< 250	< 250	< 250	< 250	< 250	< 250	< 810	< 850	< 250	< 250	< 1100	< 410	< 1200
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 8100	< 2800	< 2500	< 2500	< 3600	< 2500	< 4100
t-Butylbenzene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Tetrachloroethylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Tetrahydrofuran	ug/kg	< 1100	< 1100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 810	< 2800	< 1000	< 1000	< 3600	< 1400	< 4100
Toluene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
trans-1,2-Dichloroethylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Trichloroethylene	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Trichlorofluoromethane	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Vinyl chloride	ug/kg	< 340	< 330	< 150	< 140	< 210	< 190	< 130	< 180	< 160	< 850	< 190	< 190	< 1100	< 410	< 1200
Xylenes	ug/kg	< 680	< 670	< 300	< 280	< 410	< 380	< 250	< 360	---	< 1700	< 380	< 380	< 2200	< 810	< 2400

	Date \ Time Collected	9/30/2011 1:35 PM	9/30/2011 1:35 PM	9/29/2011 5:46 PM	9/30/2011 8:00 AM	9/30/2011 8:00 AM	9/29/2011 5:55 PM	9/29/2011 6:20 PM	9/30/2011 10:15 AM	9/30/2011 11:06 AM	9/30/2011 9:10 AM	9/30/2011 9:00 AM	9/30/2011 10:47 AM	9/30/2011 11:20 AM	9/30/2011 10:00 AM
	Location	SBTC0100R 096A	SBTC0100R 096A	SBTC0100R 097	SBTC0100R 098	SBTC0100R 098	SBTC0100R 099	SBTC0100R 099	SBTC0100R 100	SBTC0100R 101	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106
	Sample	SBTC0100R 096AS 093011S071	SBTC0100R096AS093011S071-split	SBTC0100R 097S 092911S068	SBTC0100R 098S 093011S074	SBTC0100R098S093011S074-split	SBTC0100R 099S 092911S009	SBTC0100R 099S 092911S078	SBTC0100R 100S 093011S072	SBTC0100R 101S 093011S076	SBTC0100R 102S 093011S075	SBTC0100R 103S 093011S073	SBTC0100R 104S 093011S074	SBTC0100R 105S 093011S064	SBTC0100R 106S 093011S076
	Depth	6.65 - 7.15 ft	6.65 - 7.15 ft	6.3 - 6.8 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 0.9 ft	7.35 - 7.85 ft	6.7 - 7.25 ft	7.1 - 7.6 ft	7.05 - 7.55 ft	6.8 - 7.3 ft	6.9 - 7.4 ft	5.9 - 6.4 ft	7.1 - 7.6 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	ML	ML	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	**23**	---	---	**14**	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**130**	---	---	**150**	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.51	< 0.2	< 0.56	< 0.60	< 0.2	< 0.69	< 0.55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	< 0.2	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	< 2	---	---	< 2	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**2.7**	---	---	**1.5**	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**120000**	---	---	**43000**	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**1.5**	---	---	< 1	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.16	---	---	< 0.15	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2.2**	**2.4**	**3.1**	< 1.2	**1.3**	**2.1**	**2.3**	**2.4**	**5.9**	**9.1**	**5.1**	**21**	**4.3**	**23**
Nickel	mg/kg	**3.3**	**4.8**	**4.8**	**2.1**	**6.7**	**14**	**5.4**	< 1.0	**1.9**	**2.3**	**2.7**	**6.1**	**9.7**	**7.4**
Selenium	mg/kg	---	**0.60**	---	---	**0.36**	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	< 0.1	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**4.2**	**4.1**	**3.7**	**1.7**	**1.5**	**22**	< 1.0	< 1.0	**1.4**	**1.4**	**2.6**	**7.7**	**9.6**	**13**
Zinc	mg/kg	---	**15**	---	---	**6.3**	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 1500	< 330	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1200	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 620	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/30/2011 1:35 PM	9/30/2011 1:35 PM	9/29/2011 5:46 PM	9/30/2011 8:00 AM	9/30/2011 8:00 AM	9/29/2011 5:55 PM	9/29/2011 6:20 PM	9/30/2011 10:15 AM	9/30/2011 11:06 AM	9/30/2011 9:10 AM	9/30/2011 9:00 AM	9/30/2011 10:47 AM	9/30/2011 11:20 AM	9/30/2011 10:00 AM
	Location	SBTC0100R 096A	SBTC0100R 096A	SBTC0100R 097	SBTC0100R 098	SBTC0100R 098	SBTC0100R 099	SBTC0100R 099	SBTC0100R 100	SBTC0100R 101	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106
	Sample	SBTC0100R 096AS 093011S071	SBTC0100R096AS093011S071-split	SBTC0100R 097S 092911S068	SBTC0100R 098S 093011S074	SBTC0100R098S093011S074-split	SBTC0100R 099S 092911S009	SBTC0100R 099S 092911S078	SBTC0100R 100S 093011S072	SBTC0100R 101S 093011S076	SBTC0100R 102S 093011S075	SBTC0100R 103S 093011S073	SBTC0100R 104S 093011S074	SBTC0100R 105S 093011S064	SBTC0100R 106S 093011S076
	Depth	6.65 - 7.15 ft	6.65 - 7.15 ft	6.3 - 6.8 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 0.9 ft	7.35 - 7.85 ft	6.7 - 7.25 ft	7.1 - 7.6 ft	7.05 - 7.55 ft	6.8 - 7.3 ft	6.9 - 7.4 ft	5.9 - 6.4 ft	7.1 - 7.6 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	ML	ML	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result
Solids															
Moisture	%	**67**	---	**68**	**68**	---	**75**	**63**	**56**	**58**	**53**	**53**	**42**	**13**	**36**
Solids	%	---	**32.4**	---	---	**34.3**	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 7.4	---	< 7.7	< 7.7	---	**15**	< 6.6	< 5.5	**26**	< 5.2	< 5.3	< 4.3	< 4.0	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	**100000**	---	---	**96000**	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 26000	---	---	< 24000	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**29**	---	**28**	**27**	---	**93**	**36**	**27**	**150**	**16**	**15**	**19**	**10**	**14**
Oil Range Organics (C20-C34)	ug/kg	---	**480000**	---	---	**420000**	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,1,2,2-Tetrachloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,1,2-Trichloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,1-Dichloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,1-Dichloroethylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,2,3-Trichlorobenzene	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,2-Dichloroethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,2-Dichloropropane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,3,5-Trimethylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,3-Dichloropropene, trans	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,4-Dichloro-2-butene, trans	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
1,4-Dichlorobenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
2-Butanone (MEK)	ug/kg	< 1500	< 1300	< 1600	< 1600	< 1200	< 2800	< 1200	< 800	< 890	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 1300	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 1500	< 1300	< 1600	< 1600	< 1200	< 2800	< 1200	< 800	< 890	< 670	< 700	< 420	< 330	< 340
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1300	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

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	Location	SBTC0100R 096A	SBTC0100R 096A	SBTC0100R 097	SBTC0100R 098	SBTC0100R 098	SBTC0100R 099	SBTC0100R 099	SBTC0100R 100	SBTC0100R 101	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106
	Sample	SBTC0100R 096AS 093011S071	SBTC0100R096AS093011S071-split	SBTC0100R 097S 092911S068	SBTC0100R 098S 093011S074	SBTC0100R098S093011S074-split	SBTC0100R 099S 092911S009	SBTC0100R 099S 092911S078	SBTC0100R 100S 093011S072	SBTC0100R 101S 093011S076	SBTC0100R 102S 093011S075	SBTC0100R 103S 093011S073	SBTC0100R 104S 093011S074	SBTC0100R 105S 093011S064	SBTC0100R 106S 093011S076
	Depth	6.65 - 7.15 ft	6.65 - 7.15 ft	6.3 - 6.8 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 0.9 ft	7.35 - 7.85 ft	6.7 - 7.25 ft	7.1 - 7.6 ft	7.05 - 7.55 ft	6.8 - 7.3 ft	6.9 - 7.4 ft	5.9 - 6.4 ft	7.1 - 7.6 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	ML	ML	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 3800	< 5200	< 4100	< 3900	< 4700	< 7000	< 3000	< 2000	< 2200	< 1700	< 1700	< 1100	< 1000	< 1000
Acrylonitrile	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Benzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Bromobenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Bromochloromethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Bromodichloromethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Bromoform	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Bromomethane	ug/kg	< 450	< 1000	< 490	< 470	< 940	< 840	< 360	< 240	< 270	< 200	< 210	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Chlorobenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Chloroethane	ug/kg	< 1500	< 1300	< 1600	< 1600	< 1200	< 2800	< 1200	< 800	< 890	< 670	< 700	< 420	< 250	< 340
Chloroform	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Chloromethane	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Cyclohexane	ug/kg	< 500	< 1300	< 500	< 500	< 1200	< 840	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Dibromochloropropane	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 45	< 100
Dibromomethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 450	< 1000	< 490	< 470	< 940	< 840	< 360	< 240	< 270	< 200	< 210	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Ethylene dibromide	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 45	< 100
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 910	< 520	< 980	< 940	< 470	< 1700	< 730	< 480	< 530	< 400	< 420	< 250	< 100	< 200
Methyl Iodide	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Methylene chloride	ug/kg	< 450	< 520	< 490	< 470	< 470	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 1500	< 1300	< 1600	< 1600	< 1200	< 2800	< 1200	< 800	< 890	< 670	< 700	< 420	< 330	< 340
n-Butylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
n-Propylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
o-Xylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100

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	Location	SBTC0100R 096A	SBTC0100R 096A	SBTC0100R 097	SBTC0100R 098	SBTC0100R 098	SBTC0100R 099	SBTC0100R 099	SBTC0100R 100	SBTC0100R 101	SBTC0100R 102	SBTC0100R 103	SBTC0100R 104	SBTC0100R 105	SBTC0100R 106
	Sample	SBTC0100R 096AS 093011S071	SBTC0100R096AS093011S071-split	SBTC0100R 097S 092911S068	SBTC0100R 098S 093011S074	SBTC0100R098S093011S074-split	SBTC0100R 099S 092911S009	SBTC0100R 099S 092911S078	SBTC0100R 100S 093011S072	SBTC0100R 101S 093011S076	SBTC0100R 102S 093011S075	SBTC0100R 103S 093011S073	SBTC0100R 104S 093011S074	SBTC0100R 105S 093011S064	SBTC0100R 106S 093011S076
	Depth	6.65 - 7.15 ft	6.65 - 7.15 ft	6.3 - 6.8 ft	6.9 - 7.4 ft	6.9 - 7.4 ft	0 - 0.9 ft	7.35 - 7.85 ft	6.7 - 7.25 ft	7.1 - 7.6 ft	7.05 - 7.55 ft	6.8 - 7.3 ft	6.9 - 7.4 ft	5.9 - 6.4 ft	7.1 - 7.6 ft
	USCS Code	OL	OL	OL	OL	OL	OL	ML	OL	OL	ML	ML	OL	SP	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
sec-Butylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Styrene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
t-Amyl methyl ether (TAME)	ug/kg	< 450	< 1300	< 490	< 470	< 1200	< 840	< 360	< 250	< 270	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 13000	< 2500	< 2500	< 12000	< 2800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Tetrachloroethylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Tetrahydrofuran	ug/kg	< 1500	< 1300	< 1600	< 1600	< 1200	< 2800	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Trichloroethylene	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 50	< 100
Trichlorofluoromethane	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 100	< 100
Vinyl chloride	ug/kg	< 450	< 260	< 490	< 470	< 240	< 840	< 360	< 240	< 270	< 200	< 210	< 130	< 45	< 100
Xylenes	ug/kg	< 910	---	< 980	< 940	---	< 1700	< 730	< 480	< 530	< 400	< 420	< 250	< 100	< 200

	Date \ Time Collected	9/30/2011 10:35 AM	9/30/2011 10:35 AM	9/30/2011 2:25 PM	9/30/2011 2:10 PM	9/30/2011 2:40 PM	9/30/2011 2:40 PM	1/22/2014 2:50 PM	1/22/2014 3:53 PM	1/24/2014 9:00 AM	1/30/2014 9:20 AM	2/24/2014 1:39 PM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	1/9/2012 11:50 AM	1/9/2012 11:25 AM
	Location	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 109	SBTC0100R 109	SBTC0100R 109	SBTC0100R 502	SBTC0100R 505	SBTC0100R 514	SBTC0100R 521	SBTC0100R 522R1	SBTC0100R 529	SBTC0100R 529	SBTC0100R 592	SBTC0100R 592C
	Sample	SBTC0100R 107S 093011S072	SBTC0100R107S093011S072-split	SBTC0100R 108S 093011S065	SBTC0100R 109S 093011S003	SBTC0100R 109S 093011S073	SBTC0100R 109D 093011S073	SBTC0100R 502S 012214S023	SBTC0100R 505S 012214S029	SBTC0100R 514S 012414S006	SBTC0100R 521S 013014S010	SBTC0100R 522R1S 022414S010	SBTC0100R 529S 021214S022	SBTC0100R 529D 021214S022	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S030
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.55 ft	0 - 0.3 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	1.5 - 2.3 ft	2.4 - 2.9 ft	0 - 0.6 ft	0 - 1 ft	0.5 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	2.5 - 2.9 ft	2.5 - 3 ft
	USCS Code	ML	ML	GP	PT	SP	SP	SP	SW/ML	ML	OL-CL	CL	ML	ML	PT	PT
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Metals																
Arsenic	mg/kg	---	**84**	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**61**	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	**0.41**	< 0.50	< 1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.60**	**0.81**	---	---	< 0.58	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**9.2**	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**8.6**	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**26000**	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**5.0**	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**3.6**	**18**	< 1.0	**4.2**	< 1.0	< 1.0	< 1.0	**5.9**	**1.4**	**1.6**	**3.9**	**32**	**34**	**2.1**	**2.3**
Nickel	mg/kg	**15**	**17**	**11**	**3.0**	**5.3**	**5.0**	**4.6**	**9.0**	**6.9**	**14**	**17**	---	---	**12**	**3.2**
Selenium	mg/kg	---	**0.26**	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**14**	**14**	**10**	**3.7**	**7.3**	**7.4**	**6.1**	**10**	**14**	**28**	**30**	---	---	**15**	**3.4**
Zinc	mg/kg	---	**31**	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 670	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Acenaphthene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Anthracene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Chrysene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Fluoranthene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Fluorene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 540	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Naphthalene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Phenanthrene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330
Pyrene	ug/kg	< 330	< 270	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	---	---	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/30/2011 10:35 AM	9/30/2011 10:35 AM	9/30/2011 2:25 PM	9/30/2011 2:10 PM	9/30/2011 2:40 PM	9/30/2011 2:40 PM	1/22/2014 2:50 PM	1/22/2014 3:53 PM	1/24/2014 9:00 AM	1/30/2014 9:20 AM	2/24/2014 1:39 PM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	1/9/2012 11:50 AM	1/9/2012 11:25 AM
	Location	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 109	SBTC0100R 109	SBTC0100R 109	SBTC0100R 502	SBTC0100R 505	SBTC0100R 514	SBTC0100R 521	SBTC0100R 522R1	SBTC0100R 529	SBTC0100R 529	SBTC0100R 592	SBTC0100R 592C
	Sample	SBTC0100R 107S 093011S072	SBTC0100R107S093011S072-split	SBTC0100R 108S 093011S065	SBTC0100R 109S 093011S003	SBTC0100R 109S 093011S073	SBTC0100R 109D 093011S073	SBTC0100R 502S 012214S023	SBTC0100R 505S 012214S029	SBTC0100R 514S 012414S006	SBTC0100R 521S 013014S010	SBTC0100R 522R1S 022414S010	SBTC0100R 529S 021214S022	SBTC0100R 529D 021214S022	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S030
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.55 ft	0 - 0.3 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	1.5 - 2.3 ft	2.4 - 2.9 ft	0 - 0.6 ft	0 - 1 ft	0.5 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	2.5 - 2.9 ft	2.5 - 3 ft
	USCS Code	ML	ML	GP	PT	SP	SP	SP	SW/ML	ML	OL-CL	CL	ML	ML	PT	PT
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Solids																
Moisture	%	**21**	---	**9.1**	**84**	**13**	**14**	**25**	**30**	**33**	**51**	**56**	**70**	**70**	**74**	**66**
Solids	%	---	**74.4**	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	< 4.0	< 16	< 4.0	< 4.0	---	---	---	---	---	---	---	< 38	< 29
Diesel Range Organics (C10-C20)	ug/kg	---	< 34000	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 6.3	< 4.0	< 4.0	---	---	---	---	---	---	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	< 8400	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**19**	---	**6.2**	**88**	**13**	**12**	---	---	---	---	---	---	---	**290**	**220**
Oil Range Organics (C20-C34)	ug/kg	---	< 130000	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,1,1-Trichloroethane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,1,2,2-Tetrachloroethane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,1,2-Trichloroethane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,1-Dichloroethane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,1-Dichloroethylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,2,3-Trichlorobenzene	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
1,2,3-Trichloropropane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,2,3-Trimethylbenzene	ug/kg	< 250	< 84	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
1,2,4-Trichlorobenzene	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
1,2,4-Trimethylbenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,2-Dichlorobenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,2-Dichloroethane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,2-Dichloropropane	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,3,5-Trimethylbenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,3-Dichlorobenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
1,3-Dichloropropene, cis	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,3-Dichloropropene, trans	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,4-Dichloro-2-butene, trans	ug/kg	< 58	< 420	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
1,4-Dichlorobenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
2-Butanone (MEK)	ug/kg	< 750	< 420	< 750	< 7200	< 750	< 750	< 750	< 750	< 750	< 750	< 900	---	---	< 2600	< 1400
2-Hexanone	ug/kg	< 2500	< 420	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	---	---	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 420	< 330	< 7200	< 330	< 330	< 330	< 330	< 330	< 720	< 900	---	---	< 2600	< 1400
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 420	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	---	---	< 2500	< 2500

	Date \ Time Collected	9/30/2011 10:35 AM	9/30/2011 10:35 AM	9/30/2011 2:25 PM	9/30/2011 2:10 PM	9/30/2011 2:40 PM	9/30/2011 2:40 PM	1/22/2014 2:50 PM	1/22/2014 3:53 PM	1/24/2014 9:00 AM	1/30/2014 9:20 AM	2/24/2014 1:39 PM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	1/9/2012 11:50 AM	1/9/2012 11:25 AM
	Location	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 109	SBTC0100R 109	SBTC0100R 109	SBTC0100R 502	SBTC0100R 505	SBTC0100R 514	SBTC0100R 521	SBTC0100R 522R1	SBTC0100R 529	SBTC0100R 529	SBTC0100R 592	SBTC0100R 592C
	Sample	SBTC0100R 107S 093011S072	SBTC0100R107S093011S072-split	SBTC0100R 108S 093011S065	SBTC0100R 109S 093011S003	SBTC0100R 109S 093011S073	SBTC0100R 109D 093011S073	SBTC0100R 502S 012214S023	SBTC0100R 505S 012214S029	SBTC0100R 514S 012414S006	SBTC0100R 521S 013014S010	SBTC0100R 522R1S 022414S010	SBTC0100R 529S 021214S022	SBTC0100R 529D 021214S022	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S030
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.55 ft	0 - 0.3 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	1.5 - 2.3 ft	2.4 - 2.9 ft	0 - 0.6 ft	0 - 1 ft	0.5 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	2.5 - 2.9 ft	2.5 - 3 ft
	USCS Code	ML	ML	GP	PT	SP	SP	SP	SW/ML	ML	OL-CL	CL	ML	ML	PT	PT
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Acetone	ug/kg	< 1000	< 1700	< 1000	< 18000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1800	< 2200	---	---	< 6400	< 3600
Acrylonitrile	ug/kg	< 100	< 420	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Benzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Bromobenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Bromochloromethane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Bromodichloromethane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Bromoform	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Bromomethane	ug/kg	< 200	< 330	< 200	< 2200	< 200	< 200	< 200	< 200	< 200	< 220	< 270	---	---	< 770	< 430
Carbon disulfide	ug/kg	< 250	< 84	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Carbon tetrachloride	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Chlorobenzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Chloroethane	ug/kg	< 250	< 420	< 250	< 7200	< 250	< 250	< 250	< 270	< 250	< 720	< 900	---	---	< 2600	< 1400
Chloroform	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Chloromethane	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
cis-1,2-Dichloroethylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Cyclohexane	ug/kg	< 500	< 420	< 500	< 2200	< 500	< 500	< 500	< 500	< 500	< 500	< 500	---	---	< 770	< 500
Dibromochloromethane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Dibromochloropropane	ug/kg	< 58	< 420	< 40	< 2200	< 45	< 48	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Dibromomethane	ug/kg	< 250	< 84	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Dichlorodifluoromethane	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Diethyl ether	ug/kg	< 200	< 330	< 200	< 2200	< 200	< 200	< 200	< 200	< 200	< 220	< 270	---	---	< 770	< 430
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Ethylbenzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Ethylene dibromide	ug/kg	< 58	< 84	< 40	< 2200	< 45	< 48	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Hexachloroethane	ug/kg	< 300	< 420	< 300	< 2200	< 300	< 300	< 300	< 300	< 300	< 300	< 300	---	---	< 770	< 430
Isopropyl benzene	ug/kg	< 250	< 84	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
m&p-Xylene	ug/kg	< 120	< 170	< 100	< 4300	< 100	< 100	< 130	< 160	< 100	< 430	< 540	---	---	< 1500	< 860
Methyl Iodide	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Methylene chloride	ug/kg	< 100	< 170	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 84	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
Naphthalene	ug/kg	< 330	< 420	< 330	< 7200	< 330	< 330	< 330	< 330	< 330	< 720	< 900	---	---	< 2600	< 1400
n-Butylbenzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
n-Propylbenzene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
o-Xylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430

	Date \ Time Collected	9/30/2011 10:35 AM	9/30/2011 10:35 AM	9/30/2011 2:25 PM	9/30/2011 2:10 PM	9/30/2011 2:40 PM	9/30/2011 2:40 PM	1/22/2014 2:50 PM	1/22/2014 3:53 PM	1/24/2014 9:00 AM	1/30/2014 9:20 AM	2/24/2014 1:39 PM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	1/9/2012 11:50 AM	1/9/2012 11:25 AM
	Location	SBTC0100R 107	SBTC0100R 107	SBTC0100R 108	SBTC0100R 109	SBTC0100R 109	SBTC0100R 109	SBTC0100R 502	SBTC0100R 505	SBTC0100R 514	SBTC0100R 521	SBTC0100R 522R1	SBTC0100R 529	SBTC0100R 529	SBTC0100R 592	SBTC0100R 592C
	Sample	SBTC0100R 107S 093011S072	SBTC0100R107S093011S072-split	SBTC0100R 108S 093011S065	SBTC0100R 109S 093011S003	SBTC0100R 109S 093011S073	SBTC0100R 109D 093011S073	SBTC0100R 502S 012214S023	SBTC0100R 505S 012214S029	SBTC0100R 514S 012414S006	SBTC0100R 521S 013014S010	SBTC0100R 522R1S 022414S010	SBTC0100R 529S 021214S022	SBTC0100R 529D 021214S022	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S030
	Depth	6.7 - 7.2 ft	6.7 - 7.2 ft	6 - 6.55 ft	0 - 0.3 ft	6.8 - 7.3 ft	6.8 - 7.3 ft	1.5 - 2.3 ft	2.4 - 2.9 ft	0 - 0.6 ft	0 - 1 ft	0.5 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	2.5 - 2.9 ft	2.5 - 3 ft
	USCS Code	ML	ML	GP	PT	SP	SP	SP	SW/ML	ML	OL-CL	CL	ML	ML	PT	PT
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
sec-Butylbenzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Styrene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 420	< 250	< 2200	< 250	< 250	< 250	< 250	< 250	< 250	< 270	---	---	< 770	< 430
t-Butyl alcohol	ug/kg	< 2500	< 4200	< 2500	< 7200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	---	---	< 2600	< 2500
t-Butylbenzene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Tetrachloroethylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Tetrahydrofuran	ug/kg	< 1000	< 420	< 1000	< 7200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	---	---	< 2600	< 1400
Toluene	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
trans-1,2-Dichloroethylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Trichloroethylene	ug/kg	< 58	< 84	< 50	< 2200	< 50	< 50	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Trichlorofluoromethane	ug/kg	< 100	< 84	< 100	< 2200	< 100	< 100	< 100	< 100	< 100	< 220	< 270	---	---	< 770	< 430
Vinyl chloride	ug/kg	< 58	< 84	< 40	< 2200	< 45	< 48	< 67	< 80	< 52	< 220	< 270	---	---	< 770	< 430
Xylenes	ug/kg	< 120	---	< 100	< 4300	< 100	< 100	< 130	< 160	< 100	< 430	< 540	---	---	< 1500	< 860

	Date \ Time Collected	1/9/2012 10:55 AM	1/9/2012 10:55 AM	9/26/2011 5:15 PM	9/26/2011 5:35 PM	9/26/2011 5:35 PM	9/26/2011 2:50 PM	9/26/2011 3:05 PM	9/26/2011 3:05 PM	9/26/2011 5:45 PM	9/26/2011 6:00 PM	9/26/2011 3:00 PM	9/26/2011 3:20 PM	9/26/2011 5:20 PM	9/24/2011 1:30 PM	9/22/2011 4:40 PM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 001	SBTC0125L 001	SBTC0125L 001	SBTC0125L 002	SBTC0125L 002	SBTC0125L 002	SBTC0125L 003	SBTC0125L 003	SBTC0125L 004	SBTC0125L 004	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 008
	Sample	SBTC0100R 592ES 010912S018	SBTC0100R 592ED 010912S018	SBTC0125L 001S 092611S005	SBTC0125L 001S 092611S077	SBTC0125L001S092611S077-split	SBTC0125L 002S 092611S010	SBTC0125L 002S 092611S064	SBTC0125L002S092611S064-split	SBTC0125L 003S 092611S005	SBTC0125L 003S 092611S078	SBTC0125L 004S 092611S010	SBTC0125L 004S 092611S079	SBTC0125L 004AS 092611S079	SBTC0125L 006AS 092411S072	SBTC0125L 008S 092211S004
	Depth	1.3 - 1.8 ft	1.3 - 1.8 ft	0 - 0.5 ft	7.1 - 7.7 ft	7.1 - 7.7 ft	0 - 1 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	0 - 0.5 ft	7.3 - 7.8 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	0 - 0.4 ft
	USCS Code	PT	PT	SP	SP	SP	OL	OL	OL	OL	SW	OL	SP	SP	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	**0.86**	---	---	**29**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	**4.7**	---	---	**86**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.71	< 0.80	< 0.50	< 0.50	< 0.2	< 0.50	**1.8**	**0.34**	< 1.0	< 0.50	< 0.77	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	< 0.2	---	---	**0.34**	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**2.5**	---	---	**8.4**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	**2.0**	---	---	**10**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	**2600**	---	---	**27000**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	**1.3**	---	---	**5.4**	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.05	---	---	< 0.15	---	---	---	---	---	---	---
Molybdenum	mg/kg	**7.1**	**9.0**	< 1.0	< 1.0	< 1	< 1.0	**4.7**	**4.5**	**3.4**	< 1.0	**8.5**	< 1.0	< 1.0	< 1.0	**1.3**
Nickel	mg/kg	**5.9**	**7.5**	**5.4**	**2.7**	**2.7**	**26**	**12**	**12**	**13**	**7.0**	**10**	**4.9**	**3.3**	**8.1**	**9.5**
Selenium	mg/kg	---	---	---	---	< 0.2	---	---	**1.1**	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**8.7**	**12**	**11**	**3.4**	**2.9**	**17**	**17**	**14**	**19**	**11**	**18**	**6.7**	**4.4**	**9.9**	**12**
Zinc	mg/kg	---	---	---	---	**7.0**	---	---	**33**	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 620	< 330	< 330	< 1400	< 360	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 1200	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/9/2012 10:55 AM	1/9/2012 10:55 AM	9/26/2011 5:15 PM	9/26/2011 5:35 PM	9/26/2011 5:35 PM	9/26/2011 2:50 PM	9/26/2011 3:05 PM	9/26/2011 3:05 PM	9/26/2011 5:45 PM	9/26/2011 6:00 PM	9/26/2011 3:00 PM	9/26/2011 3:20 PM	9/26/2011 5:20 PM	9/24/2011 1:30 PM	9/22/2011 4:40 PM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 001	SBTC0125L 001	SBTC0125L 001	SBTC0125L 002	SBTC0125L 002	SBTC0125L 002	SBTC0125L 003	SBTC0125L 003	SBTC0125L 004	SBTC0125L 004	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 008
	Sample	SBTC0100R 592ES 010912S018	SBTC0100R 592ED 010912S018	SBTC0125L 001S 092611S005	SBTC0125L 001S 092611S077	SBTC0125L001S092611S077-split	SBTC0125L 002S 092611S010	SBTC0125L 002S 092611S064	SBTC0125L002S092611S064-split	SBTC0125L 003S 092611S005	SBTC0125L 003S 092611S078	SBTC0125L 004S 092611S010	SBTC0125L 004S 092611S079	SBTC0125L 004AS 092611S079	SBTC0125L 006AS 092411S072	SBTC0125L 008S 092211S004
	Depth	1.3 - 1.8 ft	1.3 - 1.8 ft	0 - 0.5 ft	7.1 - 7.7 ft	7.1 - 7.7 ft	0 - 1 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	0 - 0.5 ft	7.3 - 7.8 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	0 - 0.4 ft
	USCS Code	PT	PT	SP	SP	SP	OL	OL	OL	OL	SW	OL	SP	SP	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**76**	**79**	**35**	**18**	---	**58**	**66**	---	**78**	**8.4**	**73**	**14**	**20**	**9.0**	**32**
Solids	%	---	---	---	---	**81.3**	---	---	**34.5**	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**43**	**50**	< 4.0	< 4.0	---	< 5.9	< 7.3	---	< 11	**7.0**	< 9.3	**5.8**	< 4.0	**5.1**	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 31000	---	---	< 72000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.2	< 4.8	< 4.0	< 4.0	---	< 4.0	< 4.0	---	< 4.6	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 7100	---	---	< 24000	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**530**	**580**	**19**	**12**	---	**36**	**48**	---	**75**	**41**	**32**	**34**	**10**	**18**	**18**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 120000	---	---	**360000**	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,1,2,2-Tetrachloroethane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,1,2-Trichloroethane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,1-Dichloroethane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,1-Dichloroethylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,2,3-Trichlorobenzene	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 930	< 1200	< 250	< 250	< 71	< 270	< 430	< 240	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,2-Dichloropropane	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,3,5-Trimethylbenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,3-Dichloropropene, trans	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,4-Dichloro-2-butene, trans	ug/kg	< 930	< 1200	< 100	< 53	< 350	< 270	< 430	< 1200	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
1,4-Dichlorobenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 3100	< 4100	< 750	< 750	< 350	< 890	< 1400	< 1200	< 3700	< 750	< 2400	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 3100	< 4100	< 330	< 330	< 350	< 890	< 1400	< 1200	< 3700	< 330	< 2400	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 350	< 2500	< 2500	< 1200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	1/9/2012 10:55 AM	1/9/2012 10:55 AM	9/26/2011 5:15 PM	9/26/2011 5:35 PM	9/26/2011 5:35 PM	9/26/2011 2:50 PM	9/26/2011 3:05 PM	9/26/2011 3:05 PM	9/26/2011 5:45 PM	9/26/2011 6:00 PM	9/26/2011 3:00 PM	9/26/2011 3:20 PM	9/26/2011 5:20 PM	9/24/2011 1:30 PM	9/22/2011 4:40 PM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 001	SBTC0125L 001	SBTC0125L 001	SBTC0125L 002	SBTC0125L 002	SBTC0125L 002	SBTC0125L 003	SBTC0125L 003	SBTC0125L 004	SBTC0125L 004	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 008
	Sample	SBTC0100R 592ES 010912S018	SBTC0100R 592ED 010912S018	SBTC0125L 001S 092611S005	SBTC0125L 001S 092611S077	SBTC0125L001S092611S077-split	SBTC0125L 002S 092611S010	SBTC0125L 002S 092611S064	SBTC0125L002S092611S064-split	SBTC0125L 003S 092611S005	SBTC0125L 003S 092611S078	SBTC0125L 004S 092611S010	SBTC0125L 004S 092611S079	SBTC0125L 004AS 092611S079	SBTC0125L 006AS 092411S072	SBTC0125L 008S 092211S004
	Depth	1.3 - 1.8 ft	1.3 - 1.8 ft	0 - 0.5 ft	7.1 - 7.7 ft	7.1 - 7.7 ft	0 - 1 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	0 - 0.5 ft	7.3 - 7.8 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	0 - 0.4 ft
	USCS Code	PT	PT	SP	SP	SP	OL	OL	OL	OL	SW	OL	SP	SP	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/kg	< 7700	< 10000	< 1000	< 1000	< 1400	< 2200	< 3600	< 4800	< 9200	< 1000	< 6000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 930	< 1200	< 100	< 100	< 350	< 270	< 430	< 1200	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Bromobenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 930	< 1200	< 200	< 200	< 280	< 270	< 430	< 960	< 1100	< 200	< 720	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 930	< 1200	< 250	< 250	< 71	< 270	< 430	< 240	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Chlorobenzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Chloroethane	ug/kg	< 3100	< 4100	< 330	< 250	< 350	< 890	< 1400	< 1200	< 3700	< 250	< 2400	< 250	< 250	< 250	< 280
Chloroform	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Chloromethane	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Cyclohexane	ug/kg	< 930	< 1200	< 500	< 500	< 350	< 500	< 500	< 1200	< 1100	< 500	< 720	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 930	< 1200	< 100	< 53	< 350	< 270	< 430	< 1200	< 1100	< 39	< 720	< 46	< 56	< 40	< 85
Dibromomethane	ug/kg	< 930	< 1200	< 250	< 250	< 71	< 270	< 430	< 240	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 930	< 1200	< 200	< 200	< 280	< 270	< 430	< 960	< 1100	< 200	< 720	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Ethylene dibromide	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 39	< 720	< 46	< 56	< 40	< 85
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 930	< 1200	< 300	< 300	< 350	< 300	< 430	< 1200	< 1100	< 300	< 720	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 930	< 1200	< 250	< 250	< 71	< 270	< 430	< 240	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 1900	< 2400	< 200	< 110	< 140	< 540	< 850	< 480	< 2200	< 100	< 1400	< 100	< 110	< 100	< 170
Methyl Iodide	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 930	< 1200	< 100	< 100	< 140	< 270	< 430	< 480	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 930	< 1200	< 250	< 250	< 71	< 270	< 430	< 240	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 3100	< 4100	< 330	< 330	< 350	< 890	< 1400	< 1200	< 3700	< 330	< 2400	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
n-Propylbenzene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85

	Date \ Time Collected	1/9/2012 10:55 AM	1/9/2012 10:55 AM	9/26/2011 5:15 PM	9/26/2011 5:35 PM	9/26/2011 5:35 PM	9/26/2011 2:50 PM	9/26/2011 3:05 PM	9/26/2011 3:05 PM	9/26/2011 5:45 PM	9/26/2011 6:00 PM	9/26/2011 3:00 PM	9/26/2011 3:20 PM	9/26/2011 5:20 PM	9/24/2011 1:30 PM	9/22/2011 4:40 PM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 001	SBTC0125L 001	SBTC0125L 001	SBTC0125L 002	SBTC0125L 002	SBTC0125L 002	SBTC0125L 003	SBTC0125L 003	SBTC0125L 004	SBTC0125L 004	SBTC0125L 004A	SBTC0125L 006A	SBTC0125L 008
	Sample	SBTC0100R 592ES 010912S018	SBTC0100R 592ED 010912S018	SBTC0125L 001S 092611S005	SBTC0125L 001S 092611S077	SBTC0125L001S092611S077-split	SBTC0125L 002S 092611S010	SBTC0125L 002S 092611S064	SBTC0125L002S092611S064-split	SBTC0125L 003S 092611S005	SBTC0125L 003S 092611S078	SBTC0125L 004S 092611S010	SBTC0125L 004S 092611S079	SBTC0125L 004AS 092611S079	SBTC0125L 006AS 092411S072	SBTC0125L 008S 092211S004
	Depth	1.3 - 1.8 ft	1.3 - 1.8 ft	0 - 0.5 ft	7.1 - 7.7 ft	7.1 - 7.7 ft	0 - 1 ft	5.9 - 6.4 ft	5.9 - 6.4 ft	0 - 0.5 ft	7.3 - 7.8 ft	0 - 1 ft	7.4 - 7.9 ft	7.4 - 7.9 ft	6.7 - 7.2 ft	0 - 0.4 ft
	USCS Code	PT	PT	SP	SP	SP	OL	OL	OL	OL	SW	OL	SP	SP	SW	OL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Split	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	**500**
sec-Butylbenzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Styrene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
t-Amyl methyl ether (TAME)	ug/kg	< 930	< 1200	< 250	< 250	< 350	< 270	< 430	< 1200	< 1100	< 250	< 720	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 3100	< 4100	< 2500	< 2500	< 3500	< 2500	< 2500	< 12000	< 3700	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Tetrachloroethylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Tetrahydrofuran	ug/kg	< 3100	< 4100	< 1000	< 1000	< 350	< 1000	< 1400	< 1200	< 3700	< 1000	< 2400	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Trichloroethylene	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 50	< 720	< 50	< 56	< 50	< 85
Trichlorofluoromethane	ug/kg	< 930	< 1200	< 100	< 100	< 71	< 270	< 430	< 240	< 1100	< 100	< 720	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 930	< 1200	< 100	< 53	< 71	< 270	< 430	< 240	< 1100	< 40	< 720	< 46	< 56	< 40	< 85
Xylenes	ug/kg	< 1900	< 2400	< 200	< 110	---	< 540	< 850	---	< 2200	< 100	< 1400	< 100	< 110	< 100	< 170

	Date \ Time Collected	9/22/2011 5:05 PM	9/24/2011 11:25 AM	9/23/2011 8:20 AM	9/23/2011 8:45 AM	9/23/2011 8:45 AM	9/24/2011 10:07 AM	9/24/2011 10:07 AM	9/23/2011 9:30 AM	9/23/2011 9:30 AM	9/23/2011 9:55 AM	9/23/2011 6:10 PM	9/23/2011 6:10 PM	9/24/2011 7:50 AM	9/24/2011 9:30 AM	9/24/2011 7:50 AM
	Location	SBTC0125L 008	SBTC0125L 010A	SBTC0125L 011	SBTC0125L 011	SBTC0125L 011	SBTC0125L 012A	SBTC0125L 012A	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014D	SBTC0125L 016A
	Sample	SBTC0125L 008S 092211S065	SBTC0125L 010AS 092411S072	SBTC0125L 011S 092311S007	SBTC0125L 011S 092311S069	SBTC0125L011S02311S069-split	SBTC0125L 012AS 092411S075	SBTC0125L012AS092411S075-split	SBTC0125L 014S 092311S010	SBTC0125L 014D 092311S010	SBTC0125L 014S 092311S060	SBTC0125L 014AS 092311S003	SBTC0125L014S092311S003-split	SBTC0125L 014AS 092411S066	SBTC0125L 014DS 092411S067	SBTC0125L 016AS 092411S071
	Depth	6 - 6.5 ft	6.7 - 7.2 ft	0 - 0.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	0 - 0.3 ft	0 - 0.3 ft	6.15 - 6.65 ft	6.2 - 6.75 ft	6.6 - 7.1 ft
	USCS Code	SW	SW	SM	SW	SW	SW	SW	CL	CL	SW	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	**5.1**	---	**3.3**	---	---	---	---	**21**	---	---	---
Barium	mg/kg	---	---	---	---	**8.5**	---	**9.2**	---	---	---	---	**84**	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	**0.27**	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	< 0.2	---	< 0.2	---	---	---	---	**0.46**	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	**8.0**	---	**8.0**	---	---	---	---	**9.2**	---	---	---
Copper	mg/kg	---	---	---	---	**5.7**	---	**7.0**	---	---	---	---	**24**	---	---	---
Iron	mg/kg	---	---	---	---	**12000**	---	**11000**	---	---	---	---	**31000**	---	---	---
Lead	mg/kg	---	---	---	---	**4.9**	---	**3.9**	---	---	---	---	**13**	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.05	---	< 0.30	---	---	---	---	< 0.15	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	**1.7**	< 1.0	< 1	< 1.0	< 1	**2.9**	**3.8**	< 1.0	**5.1**	**4.8**	< 1.0	< 1.0	< 1.0
Nickel	mg/kg	**8.5**	**8.5**	**8.0**	**8.3**	**9.6**	**9.5**	**10**	**14**	**20**	**7.9**	**9.9**	**10**	**6.1**	**4.9**	**7.7**
Selenium	mg/kg	---	---	---	---	< 0.2	---	**0.28**	---	---	---	---	**1.4**	---	---	---
Silver	mg/kg	---	---	---	---	< 0.1	---	< 0.1	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**10**	**6.7**	**13**	**7.7**	**8.8**	**7.3**	**7.8**	**16**	**22**	**9.6**	**13**	**12**	**9.0**	**5.9**	**7.3**
Zinc	mg/kg	---	---	---	---	**22**	---	**17**	---	---	---	---	**30**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 280	< 330	< 2800	< 330	< 330	< 330	< 330	< 1200	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 220	< 330	< 2200	< 330	< 330	< 330	< 330	< 960	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 110	< 330	< 1100	< 330	< 330	< 330	< 330	< 480	< 330	< 330	< 330

	Date \ Time Collected	9/22/2011 5:05 PM	9/24/2011 11:25 AM	9/23/2011 8:20 AM	9/23/2011 8:45 AM	9/23/2011 8:45 AM	9/24/2011 10:07 AM	9/24/2011 10:07 AM	9/23/2011 9:30 AM	9/23/2011 9:30 AM	9/23/2011 9:55 AM	9/23/2011 6:10 PM	9/23/2011 6:10 PM	9/24/2011 7:50 AM	9/24/2011 9:30 AM	9/24/2011 7:50 AM
	Location	SBTC0125L 008	SBTC0125L 010A	SBTC0125L 011	SBTC0125L 011	SBTC0125L 011	SBTC0125L 012A	SBTC0125L 012A	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014D	SBTC0125L 016A
	Sample	SBTC0125L 008S 092211S065	SBTC0125L 010AS 092411S072	SBTC0125L 011S 092311S007	SBTC0125L 011S 092311S069	SBTC0125L011S02311S069-split	SBTC0125L 012AS 092411S075	SBTC0125L012AS092411S075-split	SBTC0125L 014S 092311S010	SBTC0125L 014D 092311S010	SBTC0125L 014S 092311S060	SBTC0125L 014AS 092311S003	SBTC0125L014S092311S003-split	SBTC0125L 014AS 092411S066	SBTC0125L 014DS 092411S067	SBTC0125L 016AS 092411S071
	Depth	6 - 6.5 ft	6.7 - 7.2 ft	0 - 0.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	0 - 0.3 ft	0 - 0.3 ft	6.15 - 6.65 ft	6.2 - 6.75 ft	6.6 - 7.1 ft
	USCS Code	SW	SW	SM	SW	SW	SW	SW	CL	CL	SW	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Solids																
Moisture	%	**8.6**	**9.0**	**27**	**6.0**	---	**7.6**	---	**17**	**16**	**10**	**58**	---	**12**	**8.8**	**12**
Solids	%	---	---	---	---	**90.8**	---	**18.0**	---	---	---	---	**41.8**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**4.6**	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 6.0	---	< 4.0	**4.5**	< 4.0
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	< 28000	---	< 140000	---	---	---	---	< 60000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	< 5900	---	< 49000	---	---	---	---	< 18000	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**18**	**12**	**9.7**	**9.1**	---	**11**	---	**8.9**	**13**	**8.9**	**25**	---	**21**	**16**	**6.3**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	< 110000	---	< 560000	---	---	---	---	**350000**	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 59	< 250	< 490	< 250	< 250	< 250	< 270	< 180	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 50	< 290	< 50	< 2500	< 50	< 50	< 50	< 270	< 920	< 50	< 50	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 290	< 750	< 2500	< 750	< 750	< 750	< 900	< 920	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 920	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 290	< 330	< 2500	< 330	< 330	< 330	< 900	< 920	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 920	< 2500	< 2500	< 2500

	Date \ Time Collected	9/22/2011 5:05 PM	9/24/2011 11:25 AM	9/23/2011 8:20 AM	9/23/2011 8:45 AM	9/23/2011 8:45 AM	9/24/2011 10:07 AM	9/24/2011 10:07 AM	9/23/2011 9:30 AM	9/23/2011 9:30 AM	9/23/2011 9:55 AM	9/23/2011 6:10 PM	9/23/2011 6:10 PM	9/24/2011 7:50 AM	9/24/2011 9:30 AM	9/24/2011 7:50 AM
	Location	SBTC0125L 008	SBTC0125L 010A	SBTC0125L 011	SBTC0125L 011	SBTC0125L 011	SBTC0125L 012A	SBTC0125L 012A	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014D	SBTC0125L 016A
	Sample	SBTC0125L 008S 092211S065	SBTC0125L 010AS 092411S072	SBTC0125L 011S 092311S007	SBTC0125L 011S 092311S069	SBTC0125L011S02311S069-split	SBTC0125L 012AS 092411S075	SBTC0125L012AS092411S075-split	SBTC0125L 014S 092311S010	SBTC0125L 014D 092311S010	SBTC0125L 014S 092311S060	SBTC0125L 014AS 092311S003	SBTC0125L014S092311S003-split	SBTC0125L 014AS 092411S066	SBTC0125L 014DS 092411S067	SBTC0125L 016AS 092411S071
	Depth	6 - 6.5 ft	6.7 - 7.2 ft	0 - 0.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	0 - 0.3 ft	0 - 0.3 ft	6.15 - 6.65 ft	6.2 - 6.75 ft	6.6 - 7.1 ft
	USCS Code	SW	SW	SM	SW	SW	SW	SW	CL	CL	SW	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1200	< 1000	< 9900	< 1000	< 1000	< 1000	< 2300	< 3700	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 290	< 100	< 2500	< 100	< 100	< 100	< 270	< 920	< 100	< 100	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 240	< 200	< 2000	< 200	< 200	< 200	< 270	< 730	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 59	< 250	< 490	< 250	< 250	< 250	< 270	< 180	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Chloroethane	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 900	< 920	< 250	< 250	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 290	< 500	< 2500	< 500	< 500	< 500	< 500	< 920	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 39	< 39	< 41	< 32	< 290	< 38	< 2500	< 36	< 37	< 33	< 270	< 920	< 44	< 39	< 43
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 59	< 250	< 490	< 250	< 250	< 250	< 270	< 180	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 240	< 200	< 2000	< 200	< 200	< 200	< 270	< 730	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Ethylene dibromide	ug/kg	< 39	< 39	< 41	< 32	< 59	< 38	< 490	< 36	< 37	< 33	< 270	< 180	< 44	< 39	< 43
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 290	< 300	< 2500	< 300	< 300	< 300	< 300	< 920	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 59	< 250	< 490	< 250	< 250	< 250	< 270	< 180	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 120	< 100	< 990	< 100	< 100	< 100	< 540	< 370	< 100	< 100	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 120	< 100	< 990	< 100	< 100	< 100	< 270	< 370	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 59	< 250	< 490	< 250	< 250	< 250	< 270	< 180	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 290	< 330	< 2500	< 330	< 330	< 330	< 900	< 920	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50

	Date \ Time Collected	9/22/2011 5:05 PM	9/24/2011 11:25 AM	9/23/2011 8:20 AM	9/23/2011 8:45 AM	9/23/2011 8:45 AM	9/24/2011 10:07 AM	9/24/2011 10:07 AM	9/23/2011 9:30 AM	9/23/2011 9:30 AM	9/23/2011 9:55 AM	9/23/2011 6:10 PM	9/23/2011 6:10 PM	9/24/2011 7:50 AM	9/24/2011 9:30 AM	9/24/2011 7:50 AM
	Location	SBTC0125L 008	SBTC0125L 010A	SBTC0125L 011	SBTC0125L 011	SBTC0125L 011	SBTC0125L 012A	SBTC0125L 012A	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014A	SBTC0125L 014D	SBTC0125L 016A
	Sample	SBTC0125L 008S 092211S065	SBTC0125L 010AS 092411S072	SBTC0125L 011S 092311S007	SBTC0125L 011S 092311S069	SBTC0125L011S02311S069-split	SBTC0125L 012AS 092411S075	SBTC0125L012AS092411S075-split	SBTC0125L 014S 092311S010	SBTC0125L 014D 092311S010	SBTC0125L 014S 092311S060	SBTC0125L 014AS 092311S003	SBTC0125L014S092311S003-split	SBTC0125L 014AS 092411S066	SBTC0125L 014DS 092411S067	SBTC0125L 016AS 092411S071
	Depth	6 - 6.5 ft	6.7 - 7.2 ft	0 - 0.7 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	7 - 7.5 ft	7 - 7.5 ft	0 - 1 ft	0 - 1 ft	5.5 - 6 ft	0 - 0.3 ft	0 - 0.3 ft	6.15 - 6.65 ft	6.2 - 6.75 ft	6.6 - 7.1 ft
	USCS Code	SW	SW	SM	SW	SW	SW	SW	CL	CL	SW	OL	OL	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Split	Result	Split	Result	Duplicate	Result	Result	Split	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	**470**	< 180	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Styrene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 290	< 250	< 2500	< 250	< 250	< 250	< 270	< 920	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2900	< 2500	< 25000	< 2500	< 2500	< 2500	< 2500	< 9200	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 290	< 1000	< 2500	< 1000	< 1000	< 1000	< 1000	< 920	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 59	< 50	< 490	< 50	< 50	< 50	< 270	< 180	< 50	< 50	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 59	< 100	< 490	< 100	< 100	< 100	< 270	< 180	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 40	< 41	< 40	< 59	< 40	< 490	< 40	< 40	< 40	< 270	< 180	< 44	< 40	< 43
Xylenes	ug/kg	< 100	< 100	< 100	< 100	---	< 100	---	< 100	< 100	< 100	< 540	---	< 100	< 100	< 100

	Date \ Time Collected	9/24/2011 9:05 AM	9/24/2011 9:05 AM	9/23/2011 1:45 PM	9/23/2011 5:20 PM	9/23/2011 3:00 PM	9/23/2011 3:45 PM	9/23/2011 3:45 PM	9/23/2011 5:05 PM	2/3/2014 3:30 PM	9/20/2011 5:40 PM	9/20/2011 5:40 PM	9/20/2011 5:30 PM	9/20/2011 5:30 PM	9/20/2011 5:40 PM
	Location	SBTC0125L 018A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 503	SBTC0125R 002	SBTC0125R 002	SBTC0125R 003	SBTC0125R 003	SBTC0125R 004
	Sample	SBTC0125L 018AS 092411S069	SBTC0125L 018AD 092411S069	SBTC0125L 020S 092311S069	SBTC0125L 022AS 092311S068	SBTC0125L 023S 092311S065	SBTC0125L 024S 092311S070	SBTC0125L 026S 092311S067	SBTC0125L 028S 092311S075	SBTC0125L 503S 020314S031	SBTC0125R 002S 092011S070	SBTC0125R002S092011S070-split	SBTC0125R 003S 092011S070	SBTC0125R003S092011S070-split	SBTC0125R 004S 092011S071
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.3 - 6.8 ft	6 - 6.5 ft	6.5 - 7 ft	6.2 - 6.7 ft	7 - 7.5 ft	2.4 - 3.05 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.6 - 7.1 ft
	USCS Code	SP	SP	SP	SW	SW	SP	SP	SP	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	**6.2**	---	**5.0**	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	**9.5**	---	**8.3**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.20**	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.2	---	< 0.2	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	**13**	---	**8.7**	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	**9.8**	---	**9.1**	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	**14000**	---	**11000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	**5.4**	---	**4.9**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.05	---	< 0.05	---
Molybdenum	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 1.0	< 1	< 1.0	< 1	< 1.0
Nickel	mg/kg	**6.4**	**6.0**	**8.4**	**12**	**9.3**	**12**	**10**	**5.6**	**11**	**10**	**13**	**11**	**15**	**8.6**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.2	---	**0.98**	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.1	---	< 0.1	---
Vanadium	mg/kg	**9.2**	**11**	**9.6**	**10**	**12**	**8.4**	**11**	**5.7**	**11**	**8.2**	**14**	**6.9**	**10**	**4.6**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	**34**	---	**22**	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 550	< 330	< 540	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 330	< 430	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 220	< 330	< 220	< 330

	Date \ Time Collected	9/24/2011 9:05 AM	9/24/2011 9:05 AM	9/23/2011 1:45 PM	9/23/2011 5:20 PM	9/23/2011 3:00 PM	9/23/2011 3:45 PM	9/23/2011 3:45 PM	9/23/2011 5:05 PM	2/3/2014 3:30 PM	9/20/2011 5:40 PM	9/20/2011 5:40 PM	9/20/2011 5:30 PM	9/20/2011 5:30 PM	9/20/2011 5:40 PM
	Location	SBTC0125L 018A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 503	SBTC0125R 002	SBTC0125R 002	SBTC0125R 003	SBTC0125R 003	SBTC0125R 004
	Sample	SBTC0125L 018AS 092411S069	SBTC0125L 018AD 092411S069	SBTC0125L 020S 092311S069	SBTC0125L 022AS 092311S068	SBTC0125L 023S 092311S065	SBTC0125L 024S 092311S070	SBTC0125L 026S 092311S067	SBTC0125L 028S 092311S075	SBTC0125L 503S 020314S031	SBTC0125R 002S 092011S070	SBTC0125R002S092011S070-split	SBTC0125R 003S 092011S070	SBTC0125R003S092011S070-split	SBTC0125R 004S 092011S071
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.3 - 6.8 ft	6 - 6.5 ft	6.5 - 7 ft	6.2 - 6.7 ft	7 - 7.5 ft	2.4 - 3.05 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.6 - 7.1 ft
	USCS Code	SP	SP	SP	SW	SW	SP	SP	SP	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result
Solids															
Moisture	%	**9.4**	**9.0**	**11**	**8.0**	**7.9**	**13**	**9.9**	**14**	**17**	**6.9**	---	**9.3**	---	**7.4**
Solids	%	---	---	---	---	---	---	---	---	---	---	**90.7**	---	**92.8**	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	**4.9**	< 4.0	< 4.0	**5.0**	---	**5.1**	---	**6.5**	---	**5.8**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 28000	---	< 27000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 5700	---	< 5600	---
Oil Range Organics (C20-C34)	mg/kg	**5.2**	**19**	**11**	**7.3**	**20**	**15**	**15**	**17**	---	**8.0**	---	**7.9**	---	**8.4**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 110000	---	< 110000	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 57	< 250	< 56	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 290	< 50	< 280	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 290	< 750	< 280	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 280	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 280	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 290	< 2500	< 280	< 2500

	Date \ Time Collected	9/24/2011 9:05 AM	9/24/2011 9:05 AM	9/23/2011 1:45 PM	9/23/2011 5:20 PM	9/23/2011 3:00 PM	9/23/2011 3:45 PM	9/23/2011 3:45 PM	9/23/2011 5:05 PM	2/3/2014 3:30 PM	9/20/2011 5:40 PM	9/20/2011 5:40 PM	9/20/2011 5:30 PM	9/20/2011 5:30 PM	9/20/2011 5:40 PM
	Location	SBTC0125L 018A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 503	SBTC0125R 002	SBTC0125R 002	SBTC0125R 003	SBTC0125R 003	SBTC0125R 004
	Sample	SBTC0125L 018AS 092411S069	SBTC0125L 018AD 092411S069	SBTC0125L 020S 092311S069	SBTC0125L 022AS 092311S068	SBTC0125L 023S 092311S065	SBTC0125L 024S 092311S070	SBTC0125L 026S 092311S067	SBTC0125L 028S 092311S075	SBTC0125L 503S 020314S031	SBTC0125R 002S 092011S070	SBTC0125R002S092011S070-split	SBTC0125R 003S 092011S070	SBTC0125R003S092011S070-split	SBTC0125R 004S 092011S071
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.3 - 6.8 ft	6 - 6.5 ft	6.5 - 7 ft	6.2 - 6.7 ft	7 - 7.5 ft	2.4 - 3.05 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.6 - 7.1 ft
	USCS Code	SP	SP	SP	SW	SW	SP	SP	SP	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000	< 1100	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 290	< 100	< 280	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 230	< 200	< 220	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 57	< 250	< 56	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Chloroethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 290	< 500	< 280	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Dibromochloropropane	ug/kg	< 41	< 39	< 34	< 38	< 38	< 45	< 45	< 46	< 51	< 37	< 290	< 40	< 280	< 38
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 57	< 250	< 56	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 230	< 200	< 220	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Ethylene dibromide	ug/kg	< 41	< 39	< 34	< 38	< 38	< 45	< 45	< 46	< 51	< 37	< 57	< 40	< 56	< 38
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 290	< 300	< 280	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 57	< 250	< 56	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 110	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 110	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 57	< 250	< 56	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 280	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50

	Date \ Time Collected	9/24/2011 9:05 AM	9/24/2011 9:05 AM	9/23/2011 1:45 PM	9/23/2011 5:20 PM	9/23/2011 3:00 PM	9/23/2011 3:45 PM	9/23/2011 3:45 PM	9/23/2011 5:05 PM	2/3/2014 3:30 PM	9/20/2011 5:40 PM	9/20/2011 5:40 PM	9/20/2011 5:30 PM	9/20/2011 5:30 PM	9/20/2011 5:40 PM
	Location	SBTC0125L 018A	SBTC0125L 018A	SBTC0125L 020	SBTC0125L 022A	SBTC0125L 023	SBTC0125L 024	SBTC0125L 026	SBTC0125L 028	SBTC0125L 503	SBTC0125R 002	SBTC0125R 002	SBTC0125R 003	SBTC0125R 003	SBTC0125R 004
	Sample	SBTC0125L 018AS 092411S069	SBTC0125L 018AD 092411S069	SBTC0125L 020S 092311S069	SBTC0125L 022AS 092311S068	SBTC0125L 023S 092311S065	SBTC0125L 024S 092311S070	SBTC0125L 026S 092311S067	SBTC0125L 028S 092311S075	SBTC0125L 503S 020314S031	SBTC0125R 002S 092011S070	SBTC0125R002S092011S070-split	SBTC0125R 003S 092011S070	SBTC0125R003S092011S070-split	SBTC0125R 004S 092011S071
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	6.4 - 6.9 ft	6.3 - 6.8 ft	6 - 6.5 ft	6.5 - 7 ft	6.2 - 6.7 ft	7 - 7.5 ft	2.4 - 3.05 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.5 - 7 ft	6.6 - 7.1 ft
	USCS Code	SP	SP	SP	SW	SW	SP	SP	SP	SW	SW	SW	SW	SW	SW
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Styrene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 290	< 250	< 280	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2900	< 2500	< 2800	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 290	< 1000	< 280	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 57	< 50	< 56	< 50
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 57	< 100	< 56	< 100
Vinyl chloride	ug/kg	< 41	< 40	< 40	< 40	< 40	< 45	< 45	< 46	< 51	< 40	< 57	< 40	< 56	< 40
Xylenes	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	---	< 100	---	< 100

	Date \ Time Collected	9/22/2011 3:25 PM	9/22/2011 3:25 PM	9/22/2011 3:27 PM	9/21/2011 10:22 AM	9/21/2011 10:10 AM	9/21/2011 10:10 AM	9/21/2011 10:25 AM	9/23/2011 7:50 AM	9/23/2011 7:50 AM	9/23/2011 9:25 AM	9/21/2011 10:57 AM	9/21/2011 11:20 AM	9/21/2011 1:30 PM	9/22/2011 4:20 PM
	Location	SBTC0125R 006A	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 011	SBTC0125R 011	SBTC0125R 011	SBTC0125R 012C	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 014	SBTC0125R 014	SBTC0125R 016	SBTC0125R 016A
	Sample	SBTC0125R 006AS 092211S069	SBTC0125R 006AD 092211S069	SBTC0125R 008AS 092211S057	SBTC0125R 010S 092111S067	SBTC0125R 011S 092111S010	SBTC0125R 011D 092111S010	SBTC0125R 011S 092111S074	SBTC0125R 012CS 092311S070	SBTC0125R 012CD 092311S070	SBTC0125R 012DS 092311S071	SBTC0125R 014S 092111S010	SBTC0125R 014S 092111S065	SBTC0125R 016S 092111S072	SBTC0125R 016AS 092211S042
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	5 - 5.7 ft	6.2 - 6.7 ft	0 - 1 ft	0 - 1 ft	6.9 - 7.4 ft	6.5 - 7 ft	6.5 - 7 ft	6 - 7.1 ft	0 - 1 ft	6 - 6.5 ft	6.7 - 7.2 ft	4 - 4.25 ft
	USCS Code	SW	SW	SW	OL	ML	ML	SW	SP	SP	SW	ML	SW	SW	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	< 1.0	< 1.0	**4.2**	**1.4**	**1.7**	< 1.0	< 1.0	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0	**2.4**
Nickel	mg/kg	**4.3**	**5.8**	**5.0**	**17**	**12**	**12**	**6.2**	**4.0**	**4.2**	**16**	**5.5**	**7.5**	**7.1**	**12**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**4.5**	**5.9**	**5.4**	**21**	**20**	**19**	**9.7**	**5.1**	**5.9**	**9.9**	**8.6**	**16**	**8.1**	**13**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	**330**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	**360**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	**350**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	**360**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	**1000**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	**620**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	**810**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	9/22/2011 3:25 PM	9/22/2011 3:25 PM	9/22/2011 3:27 PM	9/21/2011 10:22 AM	9/21/2011 10:10 AM	9/21/2011 10:10 AM	9/21/2011 10:25 AM	9/23/2011 7:50 AM	9/23/2011 7:50 AM	9/23/2011 9:25 AM	9/21/2011 10:57 AM	9/21/2011 11:20 AM	9/21/2011 1:30 PM	9/22/2011 4:20 PM
	Location	SBTC0125R 006A	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 011	SBTC0125R 011	SBTC0125R 011	SBTC0125R 012C	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 014	SBTC0125R 014	SBTC0125R 016	SBTC0125R 016A
	Sample	SBTC0125R 006AS 092211S069	SBTC0125R 006AD 092211S069	SBTC0125R 008AS 092211S057	SBTC0125R 010S 092111S067	SBTC0125R 011S 092111S010	SBTC0125R 011D 092111S010	SBTC0125R 011S 092111S074	SBTC0125R 012CS 092311S070	SBTC0125R 012CD 092311S070	SBTC0125R 012DS 092311S071	SBTC0125R 014S 092111S010	SBTC0125R 014S 092111S065	SBTC0125R 016S 092111S072	SBTC0125R 016AS 092211S042
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	5 - 5.7 ft	6.2 - 6.7 ft	0 - 1 ft	0 - 1 ft	6.9 - 7.4 ft	6.5 - 7 ft	6.5 - 7 ft	6 - 7.1 ft	0 - 1 ft	6 - 6.5 ft	6.7 - 7.2 ft	4 - 4.25 ft
	USCS Code	SW	SW	SW	OL	ML	ML	SW	SP	SP	SW	ML	SW	SW	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result
Solids															
Moisture	%	**8.2**	**8.2**	**13**	**69**	**19**	**20**	**7.2**	**16**	**15**	**11**	**28**	**6.6**	**11**	**29**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	< 4.0	< 4.0	**13**	**8.0**	< 4.0	**4.3**	< 4.0	**4.7**	**4.9**	< 4.0	< 4.0	< 4.0	**4.8**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**4.5**	**8.6**	**11**	**120**	**14**	**4.1**	**6.1**	**14**	**22**	**14**	< 4.0	**16**	**10**	**31**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,1,2-Trichloroethane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,1-Dichloroethane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,1-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,2-Dichloropropane	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,3-Dichloropropene, trans	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 1700	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1700	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	9/22/2011 3:25 PM	9/22/2011 3:25 PM	9/22/2011 3:27 PM	9/21/2011 10:22 AM	9/21/2011 10:10 AM	9/21/2011 10:10 AM	9/21/2011 10:25 AM	9/23/2011 7:50 AM	9/23/2011 7:50 AM	9/23/2011 9:25 AM	9/21/2011 10:57 AM	9/21/2011 11:20 AM	9/21/2011 1:30 PM	9/22/2011 4:20 PM
	Location	SBTC0125R 006A	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 011	SBTC0125R 011	SBTC0125R 011	SBTC0125R 012C	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 014	SBTC0125R 014	SBTC0125R 016	SBTC0125R 016A
	Sample	SBTC0125R 006AS 092211S069	SBTC0125R 006AD 092211S069	SBTC0125R 008AS 092211S057	SBTC0125R 010S 092111S067	SBTC0125R 011S 092111S010	SBTC0125R 011D 092111S010	SBTC0125R 011S 092111S074	SBTC0125R 012CS 092311S070	SBTC0125R 012CD 092311S070	SBTC0125R 012DS 092311S071	SBTC0125R 014S 092111S010	SBTC0125R 014S 092111S065	SBTC0125R 016S 092111S072	SBTC0125R 016AS 092211S042
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	5 - 5.7 ft	6.2 - 6.7 ft	0 - 1 ft	0 - 1 ft	6.9 - 7.4 ft	6.5 - 7 ft	6.5 - 7 ft	6 - 7.1 ft	0 - 1 ft	6 - 6.5 ft	6.7 - 7.2 ft	4 - 4.25 ft
	USCS Code	SW	SW	SW	OL	ML	ML	SW	SP	SP	SW	ML	SW	SW	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 4300	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Bromobenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 520	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Chlorobenzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Chloroethane	ug/kg	< 250	< 250	< 250	< 1700	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Chloromethane	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Cyclohexane	ug/kg	< 500	< 500	< 500	< 520	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 39	< 39	< 45	< 520	< 54	< 56	< 37	< 49	< 48	< 42	< 76	< 37	< 42	< 76
Dibromomethane	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 520	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Ethylene dibromide	ug/kg	< 39	< 39	< 45	< 520	< 54	< 56	< 37	< 49	< 48	< 42	< 76	< 37	< 42	< 76
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 520	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 100	< 100	< 1000	< 110	< 110	< 100	< 100	< 100	< 100	< 150	< 100	< 100	< 150
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 1700	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76

	Date \ Time Collected	9/22/2011 3:25 PM	9/22/2011 3:25 PM	9/22/2011 3:27 PM	9/21/2011 10:22 AM	9/21/2011 10:10 AM	9/21/2011 10:10 AM	9/21/2011 10:25 AM	9/23/2011 7:50 AM	9/23/2011 7:50 AM	9/23/2011 9:25 AM	9/21/2011 10:57 AM	9/21/2011 11:20 AM	9/21/2011 1:30 PM	9/22/2011 4:20 PM
	Location	SBTC0125R 006A	SBTC0125R 006A	SBTC0125R 008A	SBTC0125R 010	SBTC0125R 011	SBTC0125R 011	SBTC0125R 011	SBTC0125R 012C	SBTC0125R 012C	SBTC0125R 012D	SBTC0125R 014	SBTC0125R 014	SBTC0125R 016	SBTC0125R 016A
	Sample	SBTC0125R 006AS 092211S069	SBTC0125R 006AD 092211S069	SBTC0125R 008AS 092211S057	SBTC0125R 010S 092111S067	SBTC0125R 011S 092111S010	SBTC0125R 011D 092111S010	SBTC0125R 011S 092111S074	SBTC0125R 012CS 092311S070	SBTC0125R 012CD 092311S070	SBTC0125R 012DS 092311S071	SBTC0125R 014S 092111S010	SBTC0125R 014S 092111S065	SBTC0125R 016S 092111S072	SBTC0125R 016AS 092211S042
	Depth	6.4 - 6.9 ft	6.4 - 6.9 ft	5 - 5.7 ft	6.2 - 6.7 ft	0 - 1 ft	0 - 1 ft	6.9 - 7.4 ft	6.5 - 7 ft	6.5 - 7 ft	6 - 7.1 ft	0 - 1 ft	6 - 6.5 ft	6.7 - 7.2 ft	4 - 4.25 ft
	USCS Code	SW	SW	SW	OL	ML	ML	SW	SP	SP	SW	ML	SW	SW	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Duplicate	Result	Result	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Styrene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 520	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Tetrachloroethylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1700	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Trichloroethylene	ug/kg	< 50	< 50	< 50	< 520	< 54	< 56	< 50	< 50	< 50	< 50	< 76	< 50	< 50	< 76
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 520	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 40	< 40	< 45	< 520	< 54	< 56	< 40	< 49	< 48	< 42	< 76	< 40	< 42	< 76
Xylenes	ug/kg	< 100	< 100	< 100	< 1000	< 110	< 110	< 100	< 100	< 100	< 100	< 150	< 100	< 100	< 150

	Date \ Time Collected	9/21/2011 1:05 PM	9/21/2011 1:05 PM	9/21/2011 1:25 PM	9/21/2011 1:25 PM	9/21/2011 2:10 PM	9/21/2011 2:30 PM	9/21/2011 2:30 PM	9/21/2011 3:10 PM	9/22/2011 4:45 PM	9/21/2011 5:30 PM	9/21/2011 5:37 PM	9/21/2011 5:37 PM	9/23/2011 2:45 PM	1/28/2014 1:35 PM	2/3/2014 2:10 PM
	Location	SBTC0125R 018	SBTC0125R 018	SBTC0125R 019	SBTC0125R 019	SBTC0125R 019	SBTC0125R 020	SBTC0125R 020	SBTC0125R 022	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 502	SBTC0125R 506
	Sample	SBTC0125R 018S 092111S073	SBTC0125R01 8S092111S07 3-split	SBTC0125R 019S 092111S002	SBTC0125R 019D 092111S002	SBTC0125R 019S 092111S071	SBTC0125R 020S 092111S071	SBTC0125R 020D 092111S071	SBTC0125R 022S 092111S073	SBTC0125R 024AS 092211S068	SBTC0125R 025S 092111S070	SBTC0125R 026S 092111S067	SBTC0125R02 6S092111S06 7-split	SBTC0125R 028AS 092311S075	SBTC0125R 502S 012814S046	SBTC0125R 506S 020314S014
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	0 - 0.2 ft	0 - 0.2 ft	6.7 - 7.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.55 - 7.05 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7 - 7.5 ft	4 - 4.6 ft	1.2 - 1.35 ft
	USCS Code	SW	SW	OL	OL	SW	SW	SW	SW	SW	SW	SP	SP	SP	CL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Metals																
Arsenic	mg/kg	---	**3.6**	---	---	---	---	---	---	---	---	---	**3.5**	---	---	---
Barium	mg/kg	---	**8.6**	---	---	---	---	---	---	---	---	---	**7.3**	---	---	---
Beryllium	mg/kg	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	< 0.2	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Chromium (Total)	mg/kg	---	**7.5**	---	---	---	---	---	---	---	---	---	**12**	---	---	---
Copper	mg/kg	---	**7.2**	---	---	---	---	---	---	---	---	---	**5.4**	---	---	---
Iron	mg/kg	---	**8300**	---	---	---	---	---	---	---	---	---	**11000**	---	---	---
Lead	mg/kg	---	**3.9**	---	---	---	---	---	---	---	---	---	**4.8**	---	---	---
Mercury (Total)	mg/kg	---	< 0.05	---	---	---	---	---	---	---	---	---	< 0.05	---	---	---
Molybdenum	mg/kg	< 1.0	< 1	**3.1**	**2.6**	< 1.0	< 1.0	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1.0	**2.0**	**2.4**
Nickel	mg/kg	**4.6**	**11**	**15**	**11**	**3.6**	**4.5**	**12**	**6.1**	**4.7**	**5.7**	**6.3**	**12**	**7.0**	**12**	**9.2**
Selenium	mg/kg	---	**0.43**	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---
Vanadium	mg/kg	**5.5**	**10**	**17**	**15**	**6.5**	**8.1**	**11**	**8.6**	**5.2**	**5.9**	**7.1**	**16**	**7.6**	**14**	**7.5**
Zinc	mg/kg	---	**23**	---	---	---	---	---	---	---	---	---	**21**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 280	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 570	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 230	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 450	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 110	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330	< 330	< 330

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/21/2011 1:05 PM	9/21/2011 1:05 PM	9/21/2011 1:25 PM	9/21/2011 1:25 PM	9/21/2011 2:10 PM	9/21/2011 2:30 PM	9/21/2011 2:30 PM	9/21/2011 3:10 PM	9/22/2011 4:45 PM	9/21/2011 5:30 PM	9/21/2011 5:37 PM	9/21/2011 5:37 PM	9/23/2011 2:45 PM	1/28/2014 1:35 PM	2/3/2014 2:10 PM
	Location	SBTC0125R 018	SBTC0125R 018	SBTC0125R 019	SBTC0125R 019	SBTC0125R 019	SBTC0125R 020	SBTC0125R 020	SBTC0125R 022	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 502	SBTC0125R 506
	Sample	SBTC0125R 018S 092111S073	SBTC0125R018S092111S073-split	SBTC0125R 019S 092111S002	SBTC0125R 019D 092111S002	SBTC0125R 019S 092111S071	SBTC0125R 020S 092111S071	SBTC0125R 020D 092111S071	SBTC0125R 022S 092111S073	SBTC0125R 024AS 092211S068	SBTC0125R 025S 092111S070	SBTC0125R 026S 092111S067	SBTC0125R026S092111S067-split	SBTC0125R 028AS 092311S075	SBTC0125R 502S 012814S046	SBTC0125R 506S 020314S014
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	0 - 0.2 ft	0 - 0.2 ft	6.7 - 7.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.55 - 7.05 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7 - 7.5 ft	4 - 4.6 ft	1.2 - 1.35 ft
	USCS Code	SW	SW	OL	OL	SW	SW	SW	SW	SW	SW	SP	SP	SP	CL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Solids																
Moisture	%	**9.1**	---	**21**	**23**	**10**	**9.0**	**9.9**	**12**	**6.7**	**17**	**8.0**	---	**16**	**15**	**61**
Solids	%	---	**88.0**	---	---	---	---	---	---	---	---	---	**88.0**	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 4.0	---	< 4.0	< 4.0	**6.2**	**4.8**	**4.7**	**6.5**	< 4.0	**11**	**5.1**	---	**23**	---	---
Diesel Range Organics (C10-C20)	ug/kg	---	< 28000	---	---	---	---	---	---	---	---	---	< 28000	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	< 6400	---	---	---	---	---	---	---	---	---	< 6300	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**8.3**	---	**74**	**14**	**19**	**5.0**	**8.7**	**11**	**14**	**11**	**7.7**	---	**50**	---	---
Oil Range Organics (C20-C34)	ug/kg	---	< 110000	---	---	---	---	---	---	---	---	---	< 110000	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,1,1-Trichloroethane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,1,2-Trichloroethane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,1-Dichloroethane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,1-Dichloroethylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,2,3-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
1,2,3-Trichloropropane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,2,3-Trimethylbenzene	ug/kg	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 63	< 250	< 250	< 390
1,2,4-Trichlorobenzene	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
1,2,4-Trimethylbenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,2-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,2-Dichloroethane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,2-Dichloropropane	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,3,5-Trimethylbenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,3-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
1,3-Dichloropropene, cis	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,3-Dichloropropene, trans	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 310	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 320	< 50	< 50	< 390
1,4-Dichlorobenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
2-Butanone (MEK)	ug/kg	< 750	< 310	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 320	< 750	< 750	< 1300
2-Hexanone	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 1300
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 310	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 320	< 2500	< 2500	< 2500

	Date \ Time Collected	9/21/2011 1:05 PM	9/21/2011 1:05 PM	9/21/2011 1:25 PM	9/21/2011 1:25 PM	9/21/2011 2:10 PM	9/21/2011 2:30 PM	9/21/2011 2:30 PM	9/21/2011 3:10 PM	9/22/2011 4:45 PM	9/21/2011 5:30 PM	9/21/2011 5:37 PM	9/21/2011 5:37 PM	9/23/2011 2:45 PM	1/28/2014 1:35 PM	2/3/2014 2:10 PM
	Location	SBTC0125R 018	SBTC0125R 018	SBTC0125R 019	SBTC0125R 019	SBTC0125R 019	SBTC0125R 020	SBTC0125R 020	SBTC0125R 022	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 502	SBTC0125R 506
	Sample	SBTC0125R 018S 092111S073	SBTC0125R018S092111S073-split	SBTC0125R 019S 092111S002	SBTC0125R 019D 092111S002	SBTC0125R 019S 092111S071	SBTC0125R 020S 092111S071	SBTC0125R 020D 092111S071	SBTC0125R 022S 092111S073	SBTC0125R 024AS 092211S068	SBTC0125R 025S 092111S070	SBTC0125R 026S 092111S067	SBTC0125R026S092111S067-split	SBTC0125R 028AS 092311S075	SBTC0125R 502S 012814S046	SBTC0125R 506S 020314S014
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	0 - 0.2 ft	0 - 0.2 ft	6.7 - 7.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.55 - 7.05 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7 - 7.5 ft	4 - 4.6 ft	1.2 - 1.35 ft
	USCS Code	SW	SW	OL	OL	SW	SW	SW	SW	SW	SW	SP	SP	SP	CL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
Acetone	ug/kg	< 1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1300	< 1000	< 1000	< 3300
Acrylonitrile	ug/kg	< 100	< 310	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 320	< 100	< 100	< 390
Benzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Bromobenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Bromochloromethane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Bromodichloromethane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Bromoform	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Bromomethane	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 250	< 200	< 200	< 390
Carbon disulfide	ug/kg	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 63	< 250	< 250	< 390
Carbon tetrachloride	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Chlorobenzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Chloroethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 1300
Chloroform	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Chloromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
cis-1,2-Dichloroethylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Cyclohexane	ug/kg	< 500	< 310	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 320	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Dibromochloropropane	ug/kg	< 40	< 310	< 58	< 62	< 41	< 40	< 41	< 43	< 37	< 51	< 38	< 320	< 49	< 48	< 390
Dibromomethane	ug/kg	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 63	< 250	< 250	< 390
Dichlorodifluoromethane	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
Diethyl ether	ug/kg	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 250	< 200	< 200	< 390
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
Ethylbenzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Ethylene dibromide	ug/kg	< 40	< 61	< 58	< 62	< 41	< 40	< 41	< 43	< 37	< 51	< 38	< 63	< 49	< 48	< 390
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
Hexachloroethane	ug/kg	< 300	< 310	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 320	< 300	< 300	< 390
Isopropyl benzene	ug/kg	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 63	< 250	< 250	< 390
m&p-Xylene	ug/kg	< 100	< 120	< 120	< 120	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 100	< 100	< 790
Methyl Iodide	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Methylene chloride	ug/kg	< 100	< 120	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 100	< 100	< 390
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 61	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 63	< 250	< 250	< 390
Naphthalene	ug/kg	< 330	< 310	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 320	< 330	< 330	< 1300
n-Butylbenzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
n-Propylbenzene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
o-Xylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390

Table 4. Reach 3 Saturated Soil Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	9/21/2011 1:05 PM	9/21/2011 1:05 PM	9/21/2011 1:25 PM	9/21/2011 1:25 PM	9/21/2011 2:10 PM	9/21/2011 2:30 PM	9/21/2011 2:30 PM	9/21/2011 3:10 PM	9/22/2011 4:45 PM	9/21/2011 5:30 PM	9/21/2011 5:37 PM	9/21/2011 5:37 PM	9/23/2011 2:45 PM	1/28/2014 1:35 PM	2/3/2014 2:10 PM
	Location	SBTC0125R 018	SBTC0125R 018	SBTC0125R 019	SBTC0125R 019	SBTC0125R 019	SBTC0125R 020	SBTC0125R 020	SBTC0125R 022	SBTC0125R 024A	SBTC0125R 025	SBTC0125R 026	SBTC0125R 026	SBTC0125R 028A	SBTC0125R 502	SBTC0125R 506
	Sample	SBTC0125R 018S 092111S073	SBTC0125R018S092111S073-split	SBTC0125R 019S 092111S002	SBTC0125R 019D 092111S002	SBTC0125R 019S 092111S071	SBTC0125R 020S 092111S071	SBTC0125R 020D 092111S071	SBTC0125R 022S 092111S073	SBTC0125R 024AS 092211S068	SBTC0125R 025S 092111S070	SBTC0125R 026S 092111S067	SBTC0125R026S092111S067-split	SBTC0125R 028AS 092311S075	SBTC0125R 502S 012814S046	SBTC0125R 506S 020314S014
	Depth	6.8 - 7.3 ft	6.8 - 7.3 ft	0 - 0.2 ft	0 - 0.2 ft	6.7 - 7.1 ft	6.6 - 7.1 ft	6.6 - 7.1 ft	6.8 - 7.3 ft	6.3 - 6.8 ft	6.55 - 7.05 ft	6.2 - 6.7 ft	6.2 - 6.7 ft	7 - 7.5 ft	4 - 4.6 ft	1.2 - 1.35 ft
	USCS Code	SW	SW	OL	OL	SW	SW	SW	SW	SW	SW	SP	SP	SP	CL	ML
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Split	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
sec-Butylbenzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Styrene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 310	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 320	< 250	< 250	< 390
t-Butyl alcohol	ug/kg	< 2500	< 3100	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3200	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Tetrachloroethylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Tetrahydrofuran	ug/kg	< 1000	< 310	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 320	< 1000	< 1000	< 1300
Toluene	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
trans-1,2-Dichloroethylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Trichloroethylene	ug/kg	< 50	< 61	< 58	< 62	< 50	< 50	< 50	< 50	< 50	< 51	< 50	< 63	< 50	< 50	< 390
Trichlorofluoromethane	ug/kg	< 100	< 61	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 63	< 100	< 100	< 390
Vinyl chloride	ug/kg	< 40	< 61	< 58	< 62	< 41	< 40	< 41	< 43	< 40	< 51	< 40	< 63	< 49	< 48	< 390
Xylenes	ug/kg	< 100	---	< 120	< 120	< 100	< 100	< 100	< 100	< 100	< 100	< 100	---	< 100	< 100	< 790

	Date \ Time Collected	2/3/2014 2:15 PM	2/5/2014 2:35 PM	1/16/2012 10:45 AM	1/16/2012 11:30 AM	1/16/2012 12:10 PM	1/16/2012 12:10 PM	1/16/2012 1:30 PM
	Location	SBTC0125R 506	SBTC0125R 507	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512B	SBTC0125R 512B	SBTC0125R 512B
	Sample	SBTC0125R 506S 020314S045	SBTC0125R 507S 020514S051	SBTC0125R 512AS 011612S010	SBTC0125R 512AS 011612S074	SBTC0125R 512BS 011612S003	SBTC0125R512BS011612S003-SPLIT	SBTC0125R 512BS 011612S044
	Depth	4 - 4.5 ft	4.3 - 5.1 ft	0 - 1 ft	6.9 - 7.4 ft	0 - 0.3 ft	0 - 0.3 ft	4 - 4.4 ft
	USCS Code	ML	SW	CL	OL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result
Metals								
Arsenic	mg/kg	---	---	---	---	---	**19**	---
Barium	mg/kg	---	---	---	---	---	**120**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.30**	< 0.50
Cadmium	mg/kg	---	---	---	---	---	**0.66**	---
Chromium (Total)	mg/kg	---	---	---	---	---	**6.3**	---
Copper	mg/kg	---	---	---	---	---	**42**	---
Iron	mg/kg	---	---	---	---	---	**22000**	---
Lead	mg/kg	---	---	---	---	---	**12**	---
Mercury (Total)	mg/kg	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2.1**	< 1.0	**1.5**	**3.9**	**5.3**	**5.0**	**1.2**
Nickel	mg/kg	**11**	**6.9**	**9.6**	**16**	**8.4**	**8.2**	**12**
Selenium	mg/kg	---	---	---	---	---	**1.9**	---
Silver	mg/kg	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**13**	**7.2**	**17**	**17**	**13**	**12**	**21**
Zinc	mg/kg	---	---	---	---	---	**26**	---
PNA								
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 1200	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 970	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 480	< 330

	Date \ Time Collected	2/3/2014 2:15 PM	2/5/2014 2:35 PM	1/16/2012 10:45 AM	1/16/2012 11:30 AM	1/16/2012 12:10 PM	1/16/2012 12:10 PM	1/16/2012 1:30 PM
	Location	SBTC0125R 506	SBTC0125R 507	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512B	SBTC0125R 512B	SBTC0125R 512B
	Sample	SBTC0125R 506S 020314S045	SBTC0125R 507S 020514S051	SBTC0125R 512AS 011612S010	SBTC0125R 512AS 011612S074	SBTC0125R 512BS 011612S003	SBTC0125R512BS011612S003-SPLIT	SBTC0125R 512BS 011612S044
	Depth	4 - 4.5 ft	4.3 - 5.1 ft	0 - 1 ft	6.9 - 7.4 ft	0 - 0.3 ft	0 - 0.3 ft	4 - 4.4 ft
	USCS Code	ML	SW	CL	OL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result
Solids								
Moisture	%	**34**	**9.9**	**21**	**63**	**60**	---	**17**
Solids	%	---	---	---	---	---	**41.4**	---
TPH								
Diesel Range Organics (C10-C20)	mg/kg	---	---	< 12	**36**	**31**	---	**14**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	< 60000	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	< 20000	---
Oil Range Organics (C20-C34)	mg/kg	---	---	**81**	**500**	**500**	---	**120**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	**960000**	---
VOC								
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,1,1-Trichloroethane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,1,2,2-Tetrachloroethane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,1,2-Trichloroethane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,1-Dichloroethane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,1-Dichloroethylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 350	< 300	< 200	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,2-Dichloroethane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,2-Dichloropropane	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
1,3-Dichloropropene, cis	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,3-Dichloropropene, trans	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
1,4-Dichloro-2-butene, trans	ug/kg	< 92	< 50	< 59	< 350	< 300	< 980	< 51
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 1200	< 990	< 980	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 980	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1200	< 990	< 980	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 980	< 2500

	Date \ Time Collected	2/3/2014 2:15 PM	2/5/2014 2:35 PM	1/16/2012 10:45 AM	1/16/2012 11:30 AM	1/16/2012 12:10 PM	1/16/2012 12:10 PM	1/16/2012 1:30 PM
	Location	SBTC0125R 506	SBTC0125R 507	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512B	SBTC0125R 512B	SBTC0125R 512B
	Sample	SBTC0125R 506S 020314S045	SBTC0125R 507S 020514S051	SBTC0125R 512AS 011612S010	SBTC0125R 512AS 011612S074	SBTC0125R 512BS 011612S003	SBTC0125R512BS011612S003-SPLIT	SBTC0125R 512BS 011612S044
	Depth	4 - 4.5 ft	4.3 - 5.1 ft	0 - 1 ft	6.9 - 7.4 ft	0 - 0.3 ft	0 - 0.3 ft	4 - 4.4 ft
	USCS Code	ML	SW	CL	OL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 2900	< 2500	< 3900	< 1000
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 350	< 300	< 980	< 100
Benzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Bromobenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Bromoform	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Bromomethane	ug/kg	< 200	< 200	< 200	< 350	< 300	< 780	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 350	< 300	< 200	< 250
Carbon tetrachloride	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Chlorobenzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Chloroethane	ug/kg	< 310	< 250	< 250	< 1200	< 990	< 980	< 250
Chloroform	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Chloromethane	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
cis-1,2-Dichloroethylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 980	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Dibromochloropropane	ug/kg	< 92	< 41	< 59	< 350	< 300	< 980	< 51
Dibromomethane	ug/kg	< 250	< 250	< 250	< 350	< 300	< 200	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 350	< 300	< 780	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
Ethylbenzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Ethylene dibromide	ug/kg	< 92	< 41	< 59	< 350	< 300	< 200	< 51
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 350	< 300	< 980	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 350	< 300	< 200	< 250
m&p-Xylene	ug/kg	< 180	< 100	< 120	< 710	< 590	< 390	< 100
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Methylene chloride	ug/kg	< 100	< 100	< 100	< 350	< 300	< 390	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 350	< 300	< 200	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 1200	< 990	< 980	< 330
n-Butylbenzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
o-Xylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51

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	Date \ Time Collected	2/3/2014 2:15 PM	2/5/2014 2:35 PM	1/16/2012 10:45 AM	1/16/2012 11:30 AM	1/16/2012 12:10 PM	1/16/2012 12:10 PM	1/16/2012 1:30 PM
	Location	SBTC0125R 506	SBTC0125R 507	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512B	SBTC0125R 512B	SBTC0125R 512B
	Sample	SBTC0125R 506S 020314S045	SBTC0125R 507S 020514S051	SBTC0125R 512AS 011612S010	SBTC0125R 512AS 011612S074	SBTC0125R 512BS 011612S003	SBTC0125R512BS011612S003-SPLIT	SBTC0125R 512BS 011612S044
	Depth	4 - 4.5 ft	4.3 - 5.1 ft	0 - 1 ft	6.9 - 7.4 ft	0 - 0.3 ft	0 - 0.3 ft	4 - 4.4 ft
	USCS Code	ML	SW	CL	OL	OL	OL	CL
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
sec-Butylbenzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Styrene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 350	< 300	< 980	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 9800	< 2500
t-Butylbenzene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Tetrachloroethylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1200	< 1000	< 980	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
trans-1,2-Dichloroethylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Trichloroethylene	ug/kg	< 92	< 50	< 59	< 350	< 300	< 200	< 51
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 350	< 300	< 200	< 100
Vinyl chloride	ug/kg	< 92	< 41	< 59	< 350	< 300	< 200	< 51
Xylenes	ug/kg	< 180	< 100	< 120	< 710	< 590	---	< 100

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Orange shaded samples are no longer representative of the soil conditions at this location.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
Shaded values reflect samples collected as part of the Data Gap Assessment.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NCE = no criteria established.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
USCS = Unified Soil Classification System.
VOC = volatile organic compound.

Unified Soil Classification System (USCS) Code Footnotes:
CL = Lean clay or lean clay with sand or lean clay with gravel or sandy lean clay or sandy lean clay with gravel or gravelly lean clay or gravelly lean clay with sand.
GM = Silty gravel or silty gravel with sand.

GP = Poorly graded gravel or poorly graded gravel with sand.
GP-GM = Poorly graded gravel with silt to poorly graded gravel with silt and sand.
GW = Well graded gravel or well graded gravel with sand.
GW-GC = Well graded gravel with clay to well graded gravel with clay and sand.
GW-GM = Well graded gravel with silt to well graded gravel with silt and sand.
ML = Silt or silt with sand or silt with gravel or sandy silt or sandy silt with gravel or gravelly silt or gravelly silt with sand.
ML-CL = Layered silt with lean clay.
OL = Organic silts and organic silty clays of low plasticity.
OL-CL = Organic silts and organic silty clays of low plasticity to lean clay.
OL -SW = Organic soil with well graded sand to well graded sand with gravel.
PT = Peat, humus, swamp soils with high organic contents.
SM = Silty sand or silty sand with gravel.
SP = Poorly graded sand or poorly graded sand with gravel.
SP-SM = Poorly graded sand with silt to poorly graded sand with silt and gravel.
SW = Well graded sand or well graded sand with gravel.
SW-SM = Well graded sand with silt to well graded sand with silt and gravel.

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/19/2011 11:25 AM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 061	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 066	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 501	SBTC0075L 501
	Sample					SBTC0075L 061S 091911S067	SBTC0075L 063S 091911S069	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005
	Depth					6.2 - 6.7 ft	6.4 - 6.9 ft	6 - 6.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	4 - 4.5 ft	0 - 0.5 ft	0 - 0.5 ft
	Fraction					SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status					Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
Metals														
Molybdenum	mg/l	0.073(B)	3.2(B)(X)	(B)NLV	0.05	---	---	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.0086**	**0.0084**
Vanadium	mg/l	0.0045	0.027	NLV	0.004	**0.19**	**1.5**	**0.17**	---	**0.025**	---	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/l	77	ID	15000	1	---	---	---	---	---	---	---	< 1.0	---
1,1,1-Trichloroethane	ug/l	200(A)	89	660000	1	---	---	---	---	---	---	---	< 1.0	---
1,1,2,2-Tetrachloroethane	ug/l	8.5	78(X)	12000	1	---	---	---	---	---	---	---	< 1.0	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	170000(S)	32	170000(S)	1	---	---	---	---	---	---	---	< 1.0	---
1,1,2-Trichloroethane	ug/l	5(A)	330(X)	17000	1	---	---	---	---	---	---	---	< 1.0	---
1,1-Dichloroethane	ug/l	880	740	1e+006	1	---	---	---	---	---	---	---	< 1.0	---
1,1-Dichloroethylene	ug/l	7(I)(A)	130(I)	200(I)	1	---	---	---	---	---	---	---	< 1.0	---
1,2,3-Trichlorobenzene	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 5.0	---
1,2,3-Trichloropropane	ug/l	42	NA	8300	1	---	---	---	---	---	---	---	< 1.0	---
1,2,3-Trimethylbenzene	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 5.0	---
1,2,4-Trichlorobenzene	ug/l	70(A)	99(X)	300000(S)	5	---	---	---	---	---	---	---	< 5.0	---
1,2,4-Trimethylbenzene	ug/l	63(I)(E)	17(I)	56000(I)(S)	1	---	---	---	---	---	---	---	**2.3**	---
1,2-Dichlorobenzene	ug/l	600(A)	13	160000(S)	1	---	---	---	---	---	---	---	< 1.0	---
1,2-Dichloroethane	ug/l	5(I)(A)	360(I)(X)	9600(I)	1	---	---	---	---	---	---	---	< 1.0	---
1,2-Dichloropropane	ug/l	5(I)(A)	230(I)(X)	16000(I)	1	---	---	---	---	---	---	---	< 1.0	---
1,3,5-Trimethylbenzene	ug/l	72(I)(E)	45(I)	61000(I)(S)	1	---	---	---	---	---	---	---	< 1.0	---
1,3-Dichlorobenzene	ug/l	6.6	28	18000	1	---	---	---	---	---	---	---	< 1.0	---
1,3-Dichloropropene, cis	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	< 1.0	---
1,3-Dichloropropene, trans	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	< 1.0	---
1,4-Dichloro-2-butene, trans	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	< 1.0	---
1,4-Dichlorobenzene	ug/l	75(A)	17	16000	1	---	---	---	---	---	---	---	< 1.0	---
2-Butanone (MEK)	ug/l	13000(I)	2200(I)	2.4e+008(I)(S)	25	---	---	---	---	---	---	---	< 25	---
2-Hexanone	ug/l	1000	ID	4.2e+006	50	---	---	---	---	---	---	---	< 50	---
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	---	---	---	---	---	---	---	< 5.0	---
4-Methyl-2-pentanone (MIBK)	ug/l	1800(I)	(I)ID	2e+007(I)(S)	50	---	---	---	---	---	---	---	< 50	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/19/2011 11:25 AM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 061	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 066	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 501	SBTC0075L 501
	Sample					SBTC0075L 061S 091911S067	SBTC0075L 063S 091911S069	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005
	Depth					6.2 - 6.7 ft	6.4 - 6.9 ft	6 - 6.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	4 - 4.5 ft	0 - 0.5 ft	0 - 0.5 ft
	Fraction					SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status					Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
Acetone	ug/l	730(I)	1700(I)	1e+009(I)(D,S)	50	---	---	---	---	---	---	---	< 50	---
Acrylonitrile	ug/l	2.6(I)	2(I)(M);1.2	34000(I)	2	---	---	---	---	---	---	---	< 2.0	---
Benzene	ug/l	5(I)(A)	200(I)(X)	5600(I)	1	---	---	---	---	---	---	---	< 1.0	---
Bromobenzene	ug/l	18(I)	(I)NA	180000(I)	1	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	< 1.0	---
Bromodichloromethane	ug/l	80(A,W)	ID	4800	1	---	---	---	---	---	---	---	< 1.0	---
Bromoform	ug/l	80(A,W)	ID	470000	1	---	---	---	---	---	---	---	< 1.0	---
Bromomethane	ug/l	10	35	4000	5	---	---	---	---	---	---	---	< 5.0	---
Carbon disulfide	ug/l	800(I,R)	(I,R)ID	250000(I,R)	5	---	---	---	---	---	---	---	< 5.0	---
Carbon tetrachloride	ug/l	5(A)	45(X)	370	1	---	---	---	---	---	---	---	< 1.0	---
Chlorobenzene	ug/l	100(I)(A)	25(I)	210000(I)	1	---	---	---	---	---	---	---	< 1.0	---
Chloroethane	ug/l	430	1100(X)	5.7e+006(S)	5	---	---	---	---	---	---	---	< 5.0	---
Chloroform	ug/l	80(A,W)	350(X)	28000	1	---	---	---	---	---	---	---	< 1.0	---
Chloromethane	ug/l	260(I)	(I)ID	8600(I)	5	---	---	---	---	---	---	---	< 5.0	---
cis-1,2-Dichloroethylene	ug/l	70(A)	620	93000	1	---	---	---	---	---	---	---	< 1.0	---
Cyclohexane	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 5.0	---
Dibromochloromethane	ug/l	80(A,W)	ID	14000	5	---	---	---	---	---	---	---	< 5.0	---
Dibromochloropropane	ug/l	0.2(A)	ID	220(S)	0.2	---	---	---	---	---	---	---	< 1.0	---
Dibromomethane	ug/l	80	NA	ID	5	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/l	1700	ID	220000	5	---	---	---	---	---	---	---	< 5.0	---
Diethyl ether	ug/l	10(E)	ID	6.1e+007(S)	10	---	---	---	---	---	---	---	< 10	---
Di-isopropyl ether (DIPE)	ug/l	30	ID	8000(S)	5	---	---	---	---	---	---	---	< 5.0	---
Ethylbenzene	ug/l	74(I)(E)	18(I)	110000(I)	1	---	---	---	---	---	---	---	< 1.0	---
Ethylene dibromide	ug/l	0.05(A)	5.7(X)	2400	0.05	---	---	---	---	---	---	---	< 1.0	---
Ethyl-tert-butyl ether (ETBE)	ug/l	49(E)	ID	2.9e+006	5	---	---	---	---	---	---	---	< 5.0	---
Hexachloroethane	ug/l	7.3	6.7(X)	27000	5	---	---	---	---	---	---	---	< 5.0	---
Isopropyl benzene	ug/l	800	28ID	56000(S)	5	---	---	---	---	---	---	---	< 5.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/19/2011 11:25 AM	9/19/2011 3:10 PM	9/19/2011 3:52 PM	9/19/2011 4:55 PM	9/19/2011 2:40 PM	9/19/2011 3:45 PM	9/21/2011 3:15 PM	1/21/2014 1:45 PM	1/21/2014 1:45 PM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 061	SBTC0075L 063	SBTC0075L 064	SBTC0075L 065	SBTC0075L 066	SBTC0075L 067	SBTC0075L 068A	SBTC0075L 501	SBTC0075L 501
	Sample					SBTC0075L 061S 091911S067	SBTC0075L 063S 091911S069	SBTC0075L 064S 091911S065	SBTC0075L 065S 091911S069	SBTC0075L 066S 091911S073	SBTC0075L 067S 091911S064	SBTC0075L 068AS 092111S045	SBTC0075L 501S 012114S005	SBTC0075L 501D 012114S005
	Depth					6.2 - 6.7 ft	6.4 - 6.9 ft	6 - 6.5 ft	6.4 - 6.9 ft	6.8 - 7.3 ft	5.9 - 6.4 ft	4 - 4.5 ft	0 - 0.5 ft	0 - 0.5 ft
	Fraction					SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status					Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
m&p-Xylene	ug/l	(J)	(J)	(J)	2	---	---	---	---	---	---	---	< 2.0	---
Methyl Iodide	ug/l	NCE	NCE	NCE	1	---	---	---	---	---	---	---	< 1.0	---
Methylene chloride	ug/l	5(A)	1500(X)	220000	5	---	---	---	---	---	---	---	< 5.0	---
Methyl-tert-butyl ether (MTBE)	ug/l	40(E)	7100(X)	4.7e+007(S)	5	---	---	---	---	---	---	---	< 5.0	---
Naphthalene	ug/l	520	11	31000(S)	5	---	---	---	---	---	---	---	< 5.0	---
n-Butylbenzene	ug/l	80	ID	ID	1	---	---	---	---	---	---	---	< 1.0	---
n-Propylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	---	---	---	---	---	---	---	< 1.0	---
o-Xylene	ug/l	(J)	(J)	(J)	1	---	---	---	---	---	---	---	< 1.0	---
p-Isopropyl toluene (p-Cymene)	ug/l	NCE	NCE	NCE	5	---	---	---	---	---	---	---	< 5.0	---
sec-Butylbenzene	ug/l	80	ID	ID	1	---	---	---	---	---	---	---	< 1.0	---
Styrene	ug/l	100(A)	80(X)	170000	1	---	---	---	---	---	---	---	< 1.0	---
t-Amyl methyl ether (TAME)	ug/l	190(E)	NA	260000	5	---	---	---	---	---	---	---	< 5.0	---
t-Butyl alcohol	ug/l	3900	NA	1e+009(D,S)	50	---	---	---	---	---	---	---	< 50	---
t-Butylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	---	---	---	---	---	---	---	< 1.0	---
Tetrachloroethylene	ug/l	5(A)	60(X)	25000	1	---	---	---	---	---	---	---	< 1.0	---
Tetrahydrofuran	ug/l	95	11000(X)	6.9e+006	90	---	---	---	---	---	---	---	< 90	---
Toluene	ug/l	790(I)(E)	270(I)	530000(I)(S)	1	---	---	---	---	---	---	---	< 1.0	---
trans-1,2-Dichloroethylene	ug/l	100(A)	1500(X)	85000	1	---	---	---	---	---	---	---	< 1.0	---
Trichloroethylene	ug/l	5(A)	200(X)	2200	1	---	---	---	---	---	---	---	< 1.0	---
Trichlorofluoromethane	ug/l	2600	NA	1.1e+006(S)	1	---	---	---	---	---	---	---	< 1.0	---
Vinyl chloride	ug/l	2(A)	13(X)	1100	1	---	---	---	---	---	---	---	< 1.0	---
Xylenes	ug/l	280(I)(E)	41(I)	190000(I)(S)	3	---	---	---	---	---	---	---	< 2.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/21/2014 2:40 PM	1/21/2014 2:47 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM	1/31/2014 4:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 1:55 PM
	Location	SBTC0075L 503	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L 508R1	SBTC0075L 510	SBTC0075L 511	SBTC0075L 512	SBTC0075L 513	SBTC0075L 514	SBTC0075L 515
	Sample	SBTC0075L 503S 012114S002	SBTC0075L 503S 012114S007	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506D 012714S011	SBTC0075L 506S 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 515S 021014S023
	Depth	0 - 0.2 ft	0.2 - 0.7 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.3 ft	1.8 - 2.3 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Molybdenum	mg/l	< 0.0050	< 0.0050	**0.0073**	< 0.0050	**0.0099**	**0.016**	**0.011**	**0.010**	---	**0.0062**	**0.013**	**0.0097**	< 0.0050	< 0.0050	**0.012**
Vanadium	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,1-Trichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,2-Trichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1-Dichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2,3-Trichlorobenzene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
1,2,3-Trichloropropane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2,3-Trimethylbenzene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
1,2,4-Trichlorobenzene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
1,2,4-Trimethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichloropropane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3,5-Trimethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3-Dichloropropene, cis	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3-Dichloropropene, trans	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,4-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
2-Butanone (MEK)	ug/l	< 25	---	< 25	< 25	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---
2-Hexanone	ug/l	< 50	---	< 50	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---
2-Methylnaphthalene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	---	< 50	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/21/2014 2:40 PM	1/21/2014 2:47 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM	1/31/2014 4:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 1:55 PM
	Location	SBTC0075L 503	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L 508R1	SBTC0075L 510	SBTC0075L 511	SBTC0075L 512	SBTC0075L 513	SBTC0075L 514	SBTC0075L 515
	Sample	SBTC0075L 503S 012114S002	SBTC0075L 503S 012114S007	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506D 012714S011	SBTC0075L 506S 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 515S 021014S023
	Depth	0 - 0.2 ft	0.2 - 0.7 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.3 ft	1.8 - 2.3 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/l	< 50	---	< 50	< 50	---	< 50	< 50	< 50	< 75	< 50	< 50	< 50	< 50	< 50	---
Acrylonitrile	ug/l	< 2.0	---	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---
Benzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	---	---	---	---	---
Bromochloromethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromodichloromethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromoform	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromomethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Carbon disulfide	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Carbon tetrachloride	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chloroethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Chloroform	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chloromethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
cis-1,2-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Cyclohexane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	**14**	< 5.0	< 5.0	< 5.0	< 5.0	---
Dibromochloromethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Dibromochloropropane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	---	---	---	---	---
Dichlorodifluoromethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Diethyl ether	ug/l	< 10	---	< 10	< 10	---	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---
Di-isopropyl ether (DIPE)	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Ethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Ethylene dibromide	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Hexachloroethane	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Isopropyl benzene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/21/2014 2:40 PM	1/21/2014 2:47 PM	1/21/2014 3:45 PM	1/23/2014 10:07 AM	1/27/2014 3:30 PM	1/27/2014 3:30 PM	1/30/2014 1:45 PM	1/30/2014 1:35 PM	2/17/2014 1:16 PM	1/30/2014 2:50 PM	1/30/2014 2:55 PM	1/31/2014 4:00 PM	1/31/2014 3:00 PM	2/5/2014 11:25 AM	2/10/2014 1:55 PM
	Location	SBTC0075L 503	SBTC0075L 503	SBTC0075L 504	SBTC0075L 505	SBTC0075L 506	SBTC0075L 506	SBTC0075L 507	SBTC0075L 508	SBTC0075L 508R1	SBTC0075L 510	SBTC0075L 511	SBTC0075L 512	SBTC0075L 513	SBTC0075L 514	SBTC0075L 515
	Sample	SBTC0075L 503S 012114S002	SBTC0075L 503S 012114S007	SBTC0075L 504S 012114S002	SBTC0075L 505S 012314S001	SBTC0075L 506D 012714S011	SBTC0075L 506S 012714S011	SBTC0075L 507S 013014S006	SBTC0075L 508S 013014S007	SBTC0075L 508R1S 021714S007	SBTC0075L 510S 013014S009	SBTC0075L 511S 013014S005	SBTC0075L 512S 013114S005	SBTC0075L 513S 013114S007	SBTC0075L 514S 020514S003	SBTC0075L 515S 021014S023
	Depth	0 - 0.2 ft	0.2 - 0.7 ft	0 - 0.2 ft	0 - 0.1 ft	0.35 - 1.1 ft	0.35 - 1.1 ft	0.25 - 0.6 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0 - 0.9 ft	0.15 - 0.5 ft	0 - 0.5 ft	0 - 0.7 ft	0 - 0.3 ft	1.8 - 2.3 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated
Analyte	Units	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/l	< 2.0	---	< 2.0	< 2.0	---	< 2.0	< 2.0	**3.4**	< 2.0	**2.9**	< 2.0	< 2.0	< 2.0	< 2.0	---
Methyl Iodide	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Methylene chloride	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Naphthalene	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
n-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
n-Propylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
o-Xylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
sec-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Styrene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
t-Amyl methyl ether (TAME)	ug/l	< 5.0	---	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
t-Butyl alcohol	ug/l	< 50	---	< 50	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---
t-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Tetrachloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Tetrahydrofuran	ug/l	< 90	---	< 90	< 90	---	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---
Toluene	ug/l	**1.1**	---	< 1.0	< 1.0	---	**2.0**	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
trans-1,2-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Trichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	**10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Trichlorofluoromethane	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Vinyl chloride	ug/l	< 1.0	---	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Xylenes	ug/l	< 2.0	---	< 2.0	< 2.0	---	< 2.0	< 2.0	**4.6**	< 2.0	**2.9**	< 2.0	< 2.0	< 2.0	< 2.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	2/10/2014 3:05 PM	2/14/2014 12:00 PM	9/12/2011 11:30 AM	9/21/2011 9:47 AM	9/15/2011 4:10 PM	9/16/2011 5:45 PM	9/17/2011 7:45 AM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM
	Location	SBTC0075L 517	SBTC0075L 518	SBTC0075R 005	SBTC0075R 044A	SBTC0075R 047	SBTC0075R 081	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1
	Sample	SBTC0075L 517S 021014S005	SBTC0075L 518S 021414S073	SBTC0075R 005S 091211S010	SBTC0075R 044AS 092111S018	SBTC0075R 047S 091511S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091711S071	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012
	Depth	0 - 0.5 ft	6.8 - 7.3 ft	0 - 1 ft	1.2 - 1.8 ft	0 - 1 ft	0 - 0.3 ft	5 - 7.1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Molybdenum	mg/l	**0.0083**	---	< 0.050	**0.14**	**0.086**	**0.074**	---	**0.010**	< 0.0050	< 0.0050	< 0.0050	**0.0052**	---	< 0.0050	**0.011**
Vanadium	mg/l	---	**1.8**	---	---	---	---	**0.23**	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1,1-Trichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1,2,2-Tetrachloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1,2-Trichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1-Dichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1,2-Trichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1-Dichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,1-Dichloroethylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,2,3-Trichlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
1,2,3-Trichloropropane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,2,3-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
1,2,4-Trichlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
1,2,4-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,2-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,2-Dichloroethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,2-Dichloropropane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,3,5-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,3-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,3-Dichloropropene, cis	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,3-Dichloropropene, trans	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,4-Dichloro-2-butene, trans	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
1,4-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
2-Butanone (MEK)	ug/l	---	---	---	---	---	---	---	---	< 25	---	< 25	---	< 25	< 25	---
2-Hexanone	ug/l	---	---	---	---	---	---	---	---	< 50	---	< 50	---	< 50	< 50	---
2-Methylnaphthalene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
4-Methyl-2-pentanone (MIBK)	ug/l	---	---	---	---	---	---	---	---	< 50	---	< 50	---	< 50	< 50	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	2/10/2014 3:05 PM	2/14/2014 12:00 PM	9/12/2011 11:30 AM	9/21/2011 9:47 AM	9/15/2011 4:10 PM	9/16/2011 5:45 PM	9/17/2011 7:45 AM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM
	Location	SBTC0075L 517	SBTC0075L 518	SBTC0075R 005	SBTC0075R 044A	SBTC0075R 047	SBTC0075R 081	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1
	Sample	SBTC0075L 517S 021014S005	SBTC0075L 518S 021414S073	SBTC0075R 005S 091211S010	SBTC0075R 044AS 092111S018	SBTC0075R 047S 091511S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091711S071	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012
	Depth	0 - 0.5 ft	6.8 - 7.3 ft	0 - 1 ft	1.2 - 1.8 ft	0 - 1 ft	0 - 0.3 ft	5 - 7.1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/l	---	---	---	---	---	---	---	---	< 50	---	< 50	---	< 50	< 50	---
Acrylonitrile	ug/l	---	---	---	---	---	---	---	---	< 2.0	---	< 2.0	---	< 2.0	< 2.0	---
Benzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1.0	---
Bromochloromethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Bromodichloromethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Bromoform	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Bromomethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Carbon disulfide	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Carbon tetrachloride	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Chlorobenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	**1.2**	< 1.0	---
Chloroethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Chloroform	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Chloromethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
cis-1,2-Dichloroethylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Cyclohexane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Dibromochloromethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Dibromochloropropane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	< 5.0	---
Dichlorodifluoromethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Diethyl ether	ug/l	---	---	---	---	---	---	---	---	< 10	---	< 10	---	< 10	< 10	---
Di-isopropyl ether (DIPE)	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Ethylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Ethylene dibromide	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Ethyl-tert-butyl ether (ETBE)	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Hexachloroethane	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Isopropyl benzene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	2/10/2014 3:05 PM	2/14/2014 12:00 PM	9/12/2011 11:30 AM	9/21/2011 9:47 AM	9/15/2011 4:10 PM	9/16/2011 5:45 PM	9/17/2011 7:45 AM	1/24/2014 10:30 AM	1/24/2014 10:35 AM	1/16/2014 9:30 AM	1/22/2014 9:10 AM	1/22/2014 9:12 AM	1/22/2014 10:20 AM	2/17/2014 2:05 PM	2/17/2014 2:15 PM
	Location	SBTC0075L 517	SBTC0075L 518	SBTC0075R 005	SBTC0075R 044A	SBTC0075R 047	SBTC0075R 081	SBTC0075R 082	SBTC0075R 501	SBTC0075R 501	SBTC0075R 502	SBTC0075R 506	SBTC0075R 506	SBTC0075R 507	SBTC0075R 509R1	SBTC0075R 509R1
	Sample	SBTC0075L 517S 021014S005	SBTC0075L 518S 021414S073	SBTC0075R 005S 091211S010	SBTC0075R 044AS 092111S018	SBTC0075R 047S 091511S010	SBTC0075R 081S 091611S003	SBTC0075R 082S 091711S071	SBTC0075R 501S 012414S003	SBTC0075R 501S 012414S007	SBTC0075R 502S 011614S006	SBTC0075R 506S 012214S006	SBTC0075R 506S 012214S021	SBTC0075R 507S 012214S005	SBTC0075R 509R1S 021714S007	SBTC0075R 509R1S 021714S012
	Depth	0 - 0.5 ft	6.8 - 7.3 ft	0 - 1 ft	1.2 - 1.8 ft	0 - 1 ft	0 - 0.3 ft	5 - 7.1 ft	0 - 0.3 ft	0 - 0.7 ft	0 - 0.6 ft	0 - 0.6 ft	0.7 - 2.1 ft	0 - 0.5 ft	0.5 - 0.7 ft	1 - 1.2 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/l	---	---	---	---	---	---	---	---	< 2.0	---	< 2.0	---	< 2.0	< 2.0	---
Methyl Iodide	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Methylene chloride	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Methyl-tert-butyl ether (MTBE)	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
Naphthalene	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
n-Butylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
n-Propylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
o-Xylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
p-Isopropyl toluene (p-Cymene)	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
sec-Butylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Styrene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
t-Amyl methyl ether (TAME)	ug/l	---	---	---	---	---	---	---	---	< 5.0	---	< 5.0	---	< 5.0	< 5.0	---
t-Butyl alcohol	ug/l	---	---	---	---	---	---	---	---	< 50	---	< 50	---	< 50	< 50	---
t-Butylbenzene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Tetrachloroethylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Tetrahydrofuran	ug/l	---	---	---	---	---	---	---	---	< 90	---	< 90	---	< 90	< 90	---
Toluene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	**2.2**	---	**2.6**	< 1.0	---
trans-1,2-Dichloroethylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Trichloroethylene	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	**4.0**	< 1.0	---
Trichlorofluoromethane	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Vinyl chloride	ug/l	---	---	---	---	---	---	---	---	< 1.0	---	< 1.0	---	< 1.0	< 1.0	---
Xylenes	ug/l	---	---	---	---	---	---	---	---	< 2.0	---	< 2.0	---	< 2.0	< 2.0	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	2/7/2014 1:30 PM	9/16/2011 10:30 AM	9/17/2011 4:55 PM	9/17/2011 1:35 PM	9/17/2011 10:00 AM	9/17/2011 9:59 AM	9/19/2011 10:15 AM	9/19/2011 10:58 AM
	Location	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512	SBTC0075R 512	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0075R 517	SBTC0100L 008	SBTC0100L 019	SBTC0100L 023	SBTC0100L 026	SBTC0100L 035	SBTC0100L 040	SBTC0100L 042
	Sample	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010	SBTC0075R 512D 012814S010	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0075R 517S 020714S024	SBTC0100L 008S 091611S069	SBTC0100L 019S 091711S058	SBTC0100L 023S 091711S077	SBTC0100L 026S 091711S078	SBTC0100L 035S 091711S078	SBTC0100L 040S 091911S070	SBTC0100L 042S 091911S067
	Depth	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	1.9 - 2.4 ft	6.4 - 6.9 ft	4.35 - 5.8 ft	7.2 - 7.7 ft	6.8 - 7.8 ft	7.3 - 7.8 ft	6.5 - 7 ft	6.2 - 6.7 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Molybdenum	mg/l	**0.015**	**0.0097**	**0.013**	**0.016**	**0.018**	< 0.0050	---	**0.072**	**0.050**	**0.10**	**0.13**	**0.21**	**0.11**	< 0.050	**0.10**
Vanadium	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	**1.9**	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	---	< 25	< 25	< 25	---	---	---	---	---	---	---	---
2-Hexanone	ug/l	< 50	< 50	< 50	---	< 50	< 50	< 50	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	---	< 50	< 50	< 50	---	---	---	---	---	---	---	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	2/7/2014 1:30 PM	9/16/2011 10:30 AM	9/17/2011 4:55 PM	9/17/2011 1:35 PM	9/17/2011 10:00 AM	9/17/2011 9:59 AM	9/19/2011 10:15 AM	9/19/2011 10:58 AM
	Location	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512	SBTC0075R 512	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0075R 517	SBTC0100L 008	SBTC0100L 019	SBTC0100L 023	SBTC0100L 026	SBTC0100L 035	SBTC0100L 040	SBTC0100L 042
	Sample	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010	SBTC0075R 512D 012814S010	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0075R 517S 020714S024	SBTC0100L 008S 091611S069	SBTC0100L 019S 091711S058	SBTC0100L 023S 091711S077	SBTC0100L 026S 091711S078	SBTC0100L 035S 091711S078	SBTC0100L 040S 091911S070	SBTC0100L 042S 091911S067
	Depth	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	1.9 - 2.4 ft	6.4 - 6.9 ft	4.35 - 5.8 ft	7.2 - 7.7 ft	6.8 - 7.8 ft	7.3 - 7.8 ft	6.5 - 7 ft	6.2 - 6.7 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Acetone	ug/l	< 50	< 50	< 50	---	< 50	< 50	**65**	---	---	---	---	---	---	---	---
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---	---	---
Benzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Diethyl ether	ug/l	< 10	< 10	< 10	---	< 10	< 10	< 10	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/28/2014 8:50 AM	1/28/2014 10:00 AM	1/28/2014 10:15 AM	1/28/2014 10:15 AM	2/3/2014 10:45 AM	2/5/2014 9:10 AM	2/5/2014 9:20 AM	2/7/2014 1:30 PM	9/16/2011 10:30 AM	9/17/2011 4:55 PM	9/17/2011 1:35 PM	9/17/2011 10:00 AM	9/17/2011 9:59 AM	9/19/2011 10:15 AM	9/19/2011 10:58 AM
	Location	SBTC0075R 510	SBTC0075R 511	SBTC0075R 512	SBTC0075R 512	SBTC0075R 514	SBTC0075R 516	SBTC0075R 516	SBTC0075R 517	SBTC0100L 008	SBTC0100L 019	SBTC0100L 023	SBTC0100L 026	SBTC0100L 035	SBTC0100L 040	SBTC0100L 042
	Sample	SBTC0075R 510S 012814S007	SBTC0075R 511S 012814S009	SBTC0075R 512S 012814S010	SBTC0075R 512D 012814S010	SBTC0075R 514S 020314S005	SBTC0075R 516S 020514S005	SBTC0075R 516S 020514S010	SBTC0075R 517S 020714S024	SBTC0100L 008S 091611S069	SBTC0100L 019S 091711S058	SBTC0100L 023S 091711S077	SBTC0100L 026S 091711S078	SBTC0100L 035S 091711S078	SBTC0100L 040S 091911S070	SBTC0100L 042S 091911S067
	Depth	0.25 - 0.65 ft	0.4 - 0.9 ft	0.1 - 1 ft	0.1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.7 - 1 ft	1.9 - 2.4 ft	6.4 - 6.9 ft	4.35 - 5.8 ft	7.2 - 7.7 ft	6.8 - 7.8 ft	7.3 - 7.8 ft	6.5 - 7 ft	6.2 - 6.7 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---	---	---
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Styrene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/l	< 50	< 50	< 50	---	< 50	< 50	< 50	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/l	< 90	< 90	< 90	---	< 90	< 90	< 90	---	---	---	---	---	---	---	---
Toluene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---	---	---
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---	---	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	2/11/2014 2:25 PM	1/29/2014 3:00 PM	1/29/2014 3:02 PM	2/4/2014 12:55 PM	2/11/2014 10:00 AM	2/11/2014 1:55 PM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/19/2011 1:10 PM	9/20/2011 5:40 PM	9/20/2011 6:05 PM	9/29/2011 1:45 PM
	Location	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 505	SBTC0100L 506	SBTC0100L 506	SBTC0100L 511	SBTC0100L 514	SBTC0100L 515	SBTC0100L 516	SBTC0100L 516	SBTC0100R 021	SBTC0100R 052	SBTC0100R 053	SBTC0100R 083A
	Sample	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 505S 021114S006	SBTC0100L 506S 012914S008	SBTC0100L 506S 012914S015	SBTC0100L 511S 020414S006	SBTC0100L 514S 021114S054	SBTC0100L 515S 021114S005	SBTC0100L 516D 021914S072	SBTC0100L 516S 021914S072	SBTC0100R 021S 091911S075	SBTC0100R 052S 092011S077	SBTC0100R 053S 092011S075	SBTC0100R 083AS 092911S060
	Depth	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0.9 - 1.5 ft	0.4 - 0.6 ft	4.9 - 5.4 ft	0 - 0.5 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	7.4 - 7.7 ft	7 - 7.5 ft	5.5 - 6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Metals																
Molybdenum	mg/l	**0.0077**	**0.011**	**0.0073**	---	**0.032**	**0.025**	**0.018**	**0.13**	**0.014**	---	---	**0.17**	< 0.050	**0.32**	**0.16**
Vanadium	mg/l	---	---	---	---	---	---	---	---	---	**0.0067**	**0.0069**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/l	< 25	< 25	---	< 25	---	---	< 25	---	---	---	---	---	---	---	---
2-Hexanone	ug/l	< 50	< 50	---	< 50	---	---	< 50	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	---	< 50	---	---	< 50	---	---	---	---	---	---	---	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	2/11/2014 2:25 PM	1/29/2014 3:00 PM	1/29/2014 3:02 PM	2/4/2014 12:55 PM	2/11/2014 10:00 AM	2/11/2014 1:55 PM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/19/2011 1:10 PM	9/20/2011 5:40 PM	9/20/2011 6:05 PM	9/29/2011 1:45 PM
	Location	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 505	SBTC0100L 506	SBTC0100L 506	SBTC0100L 511	SBTC0100L 514	SBTC0100L 515	SBTC0100L 516	SBTC0100L 516	SBTC0100R 021	SBTC0100R 052	SBTC0100R 053	SBTC0100R 083A
	Sample	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 505S 021114S006	SBTC0100L 506S 012914S008	SBTC0100L 506S 012914S015	SBTC0100L 511S 020414S006	SBTC0100L 514S 021114S054	SBTC0100L 515S 021114S005	SBTC0100L 516D 021914S072	SBTC0100L 516S 021914S072	SBTC0100R 021S 091911S075	SBTC0100R 052S 092011S077	SBTC0100R 053S 092011S075	SBTC0100R 083AS 092911S060
	Depth	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0.9 - 1.5 ft	0.4 - 0.6 ft	4.9 - 5.4 ft	0 - 0.5 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	7.4 - 7.7 ft	7 - 7.5 ft	5.5 - 6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
Acetone	ug/l	< 50	< 50	---	< 50	---	---	**61**	---	---	---	---	---	---	---	---
Acrylonitrile	ug/l	< 2.0	< 2.0	---	< 2.0	---	---	< 2.0	---	---	---	---	---	---	---	---
Benzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Bromobenzene	ug/l	---	---	---	< 1.0	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Bromoform	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Bromomethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Carbon disulfide	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Chlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Chloroethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Chloroform	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Chloromethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Cyclohexane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Dibromochloromethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Dibromomethane	ug/l	---	---	---	< 5.0	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Diethyl ether	ug/l	< 10	< 10	---	< 10	---	---	< 10	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Ethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Ethylene dibromide	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Hexachloroethane	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/23/2014 9:00 AM	1/23/2014 9:05 AM	1/29/2014 2:50 PM	2/11/2014 2:25 PM	1/29/2014 3:00 PM	1/29/2014 3:02 PM	2/4/2014 12:55 PM	2/11/2014 10:00 AM	2/11/2014 1:55 PM	2/19/2014 10:25 AM	2/19/2014 10:25 AM	9/19/2011 1:10 PM	9/20/2011 5:40 PM	9/20/2011 6:05 PM	9/29/2011 1:45 PM
	Location	SBTC0100L 504	SBTC0100L 504	SBTC0100L 505	SBTC0100L 505	SBTC0100L 506	SBTC0100L 506	SBTC0100L 511	SBTC0100L 514	SBTC0100L 515	SBTC0100L 516	SBTC0100L 516	SBTC0100R 021	SBTC0100R 052	SBTC0100R 053	SBTC0100R 083A
	Sample	SBTC0100L 504S 012314S006	SBTC0100L 504S 012314S011	SBTC0100L 505S 012914S006	SBTC0100L 505S 021114S006	SBTC0100L 506S 012914S008	SBTC0100L 506S 012914S015	SBTC0100L 511S 020414S006	SBTC0100L 514S 021114S054	SBTC0100L 515S 021114S005	SBTC0100L 516D 021914S072	SBTC0100L 516S 021914S072	SBTC0100R 021S 091911S075	SBTC0100R 052S 092011S077	SBTC0100R 053S 092011S075	SBTC0100R 083AS 092911S060
	Depth	0 - 0.6 ft	0.9 - 1.1 ft	0 - 0.6 ft	0 - 0.6 ft	0 - 0.8 ft	0.9 - 1.5 ft	0.4 - 0.6 ft	4.9 - 5.4 ft	0 - 0.5 ft	6.2 - 7.2 ft	6.2 - 7.2 ft	7 - 7.5 ft	7.4 - 7.7 ft	7 - 7.5 ft	5.5 - 6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result
m&p-Xylene	ug/l	< 2.0	< 2.0	---	< 2.0	---	---	< 2.0	---	---	---	---	---	---	---	---
Methyl Iodide	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Methylene chloride	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
Naphthalene	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
o-Xylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Styrene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/l	< 50	< 50	---	< 50	---	---	< 50	---	---	---	---	---	---	---	---
t-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/l	< 90	< 90	---	< 90	---	---	< 90	---	---	---	---	---	---	---	---
Toluene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Trichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Vinyl chloride	ug/l	< 1.0	< 1.0	---	< 1.0	---	---	< 1.0	---	---	---	---	---	---	---	---
Xylenes	ug/l	< 2.0	< 2.0	---	< 2.0	---	---	< 2.0	---	---	---	---	---	---	---	---

	Date / Time Collected	1/22/2014 11:30 AM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 3:53 PM	1/23/2014 1:50 PM	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	1/30/2014 9:20 AM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	3/4/2014 11:20 AM
	Location	SBTC0100R 501	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 505	SBTC0100R 510	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 521	SBTC0100R 523	SBTC0100R 524	SBTC0100R 529	SBTC0100R 529	SBTC0100R 531
	Sample	SBTC0100R 501D 012214S007	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 505S 012214S029	SBTC0100R 510S 012314S024	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 521S 013014S010	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 529D 021214S022	SBTC0100R 529S 021214S022	SBTC0100R 531S 030414S016
	Depth	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	2.4 - 2.9 ft	1.5 - 2.35 ft	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0 - 1 ft	0.1 - 0.35 ft	0 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	0 - 1.6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Metals															
Molybdenum	mg/l	< 0.0050	< 0.0050	---	**0.063**	**0.0063**	**0.0071**	< 0.0050	**0.0089**	< 0.0050	< 0.0050	< 0.0050	**0.18**	**0.15**	---
Vanadium	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1,1-Trichloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1,2-Trichloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1-Dichloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,1-Dichloroethylene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,2,3-Trichlorobenzene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
1,2,3-Trichloropropane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
1,2,4-Trichlorobenzene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
1,2,4-Trimethylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,2-Dichlorobenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,2-Dichloroethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,2-Dichloropropane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,3,5-Trimethylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,3-Dichlorobenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,3-Dichloropropene, cis	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,3-Dichloropropene, trans	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
1,4-Dichlorobenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
2-Butanone (MEK)	ug/l	---	< 25	< 25	---	< 25	< 25	---	---	---	---	< 25	---	---	< 25
2-Hexanone	ug/l	---	< 50	< 50	---	< 50	< 50	---	---	---	---	< 50	---	---	< 50
2-Methylnaphthalene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	---	< 50	< 50	---	< 50	< 50	---	---	---	---	< 50	---	---	< 50

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/22/2014 11:30 AM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 3:53 PM	1/23/2014 1:50 PM	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	1/30/2014 9:20 AM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	3/4/2014 11:20 AM
	Location	SBTC0100R 501	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 505	SBTC0100R 510	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 521	SBTC0100R 523	SBTC0100R 524	SBTC0100R 529	SBTC0100R 529	SBTC0100R 531
	Sample	SBTC0100R 501D 012214S007	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 505S 012214S029	SBTC0100R 510S 012314S024	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 521S 013014S010	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 529D 021214S022	SBTC0100R 529S 021214S022	SBTC0100R 531S 030414S016
	Depth	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	2.4 - 2.9 ft	1.5 - 2.35 ft	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0 - 1 ft	0.1 - 0.35 ft	0 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	0 - 1.6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
Acetone	ug/l	---	< 50	< 50	---	< 50	< 50	---	---	---	---	< 50	---	---	**83**
Acrylonitrile	ug/l	---	< 2.0	< 2.0	---	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0
Benzene	ug/l	---	< 1.0	**4.8**	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Bromobenzene	ug/l	---	---	< 1.0	---	---	---	---	---	---	---	---	---	---	< 1.0
Bromochloromethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Bromodichloromethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Bromoform	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Bromomethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Carbon disulfide	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Carbon tetrachloride	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Chlorobenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Chloroethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Chloroform	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Chloromethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
cis-1,2-Dichloroethylene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Cyclohexane	ug/l	---	< 5.0	**5.7**	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Dibromochloromethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Dibromochloropropane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Dibromomethane	ug/l	---	---	< 5.0	---	---	---	---	---	---	---	---	---	---	< 5.0
Dichlorodifluoromethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Diethyl ether	ug/l	---	< 10	< 10	---	< 10	< 10	---	---	---	---	< 10	---	---	< 10
Di-isopropyl ether (DIPE)	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Ethylbenzene	ug/l	---	< 1.0	**1.4**	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Ethylene dibromide	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Hexachloroethane	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Isopropyl benzene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0

Table 5. Reach 3 Soil SPLP Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/22/2014 11:30 AM	1/22/2014 11:30 AM	2/13/2014 3:15 PM	1/22/2014 3:53 PM	1/23/2014 1:50 PM	1/27/2014 9:40 AM	1/27/2014 9:48 AM	1/27/2014 2:05 PM	1/30/2014 9:20 AM	2/4/2014 10:25 AM	2/5/2014 10:05 AM	2/12/2014 11:20 AM	2/12/2014 11:20 AM	3/4/2014 11:20 AM
	Location	SBTC0100R 501	SBTC0100R 501	SBTC0100R 501R1	SBTC0100R 505	SBTC0100R 510	SBTC0100R 517	SBTC0100R 517	SBTC0100R 520	SBTC0100R 521	SBTC0100R 523	SBTC0100R 524	SBTC0100R 529	SBTC0100R 529	SBTC0100R 531
	Sample	SBTC0100R 501D 012214S007	SBTC0100R 501S 012214S007	SBTC0100R 501R1S 021314S007	SBTC0100R 505S 012214S029	SBTC0100R 510S 012314S024	SBTC0100R 517S 012714S005	SBTC0100R 517S 012714S010	SBTC0100R 520S 012714S014	SBTC0100R 521S 013014S010	SBTC0100R 523S 020414S004	SBTC0100R 524S 020514S010	SBTC0100R 529D 021214S022	SBTC0100R 529S 021214S022	SBTC0100R 531S 030414S016
	Depth	0.3 - 0.7 ft	0.3 - 0.7 ft	0.3 - 0.7 ft	2.4 - 2.9 ft	1.5 - 2.35 ft	0 - 0.5 ft	0.8 - 1 ft	0.7 - 1.35 ft	0 - 1 ft	0.1 - 0.35 ft	0 - 1 ft	1.9 - 2.2 ft	1.9 - 2.2 ft	0 - 1.6 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result
m&p-Xylene	ug/l	---	< 2.0	**8.8**	---	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0
Methyl Iodide	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Methylene chloride	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Naphthalene	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	**8.4**
n-Butylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
n-Propylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
o-Xylene	ug/l	---	< 1.0	**2.0**	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
sec-Butylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Styrene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
t-Amyl methyl ether (TAME)	ug/l	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
t-Butyl alcohol	ug/l	---	< 50	< 50	---	< 50	< 50	---	---	---	---	< 50	---	---	< 50
t-Butylbenzene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Tetrachloroethylene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Tetrahydrofuran	ug/l	---	< 90	< 90	---	< 90	< 90	---	---	---	---	< 90	---	---	< 90
Toluene	ug/l	---	< 1.0	**21**	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
trans-1,2-Dichloroethylene	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Trichloroethylene	ug/l	---	**6.2**	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Trichlorofluoromethane	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Vinyl chloride	ug/l	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Xylenes	ug/l	---	< 2.0	**11**	---	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0

	Date / Time Collected	1/9/2012 11:45 AM	1/9/2012 11:50 AM	1/9/2012 11:20 AM	1/9/2012 11:25 AM	1/9/2012 10:50 AM	1/9/2012 10:55 AM	1/9/2012 10:55 AM	2/4/2014 9:10 AM	1/28/2014 1:35 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592C	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 502	SBTC0125R 502	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0100R 592S 010912S006	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S008	SBTC0100R 592CS 010912S030	SBTC0100R 592ES 010912S010	SBTC0100R 592ED 010912S018	SBTC0100R 592ES 010912S018	SBTC0125L 502S 020414S007	SBTC0125R 502S 012814S046	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0 - 0.6 ft	2.5 - 2.9 ft	0 - 0.8 ft	2.5 - 3 ft	0 - 1 ft	1.3 - 1.8 ft	1.3 - 1.8 ft	0.5 - 0.7 ft	4 - 4.6 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result
Metals													
Molybdenum	mg/l	**0.015**	< 0.0050	**0.014**	**0.0070**	**0.037**	**0.021**	**0.022**	**0.016**	**0.010**	< 0.0050	< 0.0050	---
Vanadium	mg/l	---	---	---	---	---	---	---	---	---	---	---	---
VOC													
1,1,1,2-Tetrachloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1,1-Trichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1,2-Trichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1-Dichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1,2-Trichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1-Dichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,1-Dichloroethylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,2,3-Trichlorobenzene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
1,2,3-Trichloropropane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
1,2,4-Trichlorobenzene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
1,2,4-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,2-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,2-Dichloroethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,2-Dichloropropane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,3,5-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,3-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,3-Dichloropropene, cis	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,3-Dichloropropene, trans	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
1,4-Dichlorobenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
2-Butanone (MEK)	ug/l	---	---	---	---	---	---	---	< 25	---	---	---	< 25
2-Hexanone	ug/l	---	---	---	---	---	---	---	< 50	---	---	---	< 50
2-Methylnaphthalene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	---	---	---	---	---	---	---	< 50	---	---	---	< 50

	Date / Time Collected	1/9/2012 11:45 AM	1/9/2012 11:50 AM	1/9/2012 11:20 AM	1/9/2012 11:25 AM	1/9/2012 10:50 AM	1/9/2012 10:55 AM	1/9/2012 10:55 AM	2/4/2014 9:10 AM	1/28/2014 1:35 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592C	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 502	SBTC0125R 502	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0100R 592S 010912S006	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S008	SBTC0100R 592CS 010912S030	SBTC0100R 592ES 010912S010	SBTC0100R 592ED 010912S018	SBTC0100R 592ES 010912S018	SBTC0125L 502S 020414S007	SBTC0125R 502S 012814S046	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0 - 0.6 ft	2.5 - 2.9 ft	0 - 0.8 ft	2.5 - 3 ft	0 - 1 ft	1.3 - 1.8 ft	1.3 - 1.8 ft	0.5 - 0.7 ft	4 - 4.6 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result
Acetone	ug/l	---	---	---	---	---	---	---	< 50	---	---	---	< 50
Acrylonitrile	ug/l	---	---	---	---	---	---	---	< 2.0	---	---	---	< 2.0
Benzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1.0
Bromochloromethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Bromodichloromethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Bromoform	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Bromomethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Carbon disulfide	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Carbon tetrachloride	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Chlorobenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Chloroethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Chloroform	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Chloromethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
cis-1,2-Dichloroethylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Cyclohexane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Dibromochloromethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Dibromochloropropane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 5.0
Dichlorodifluoromethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Diethyl ether	ug/l	---	---	---	---	---	---	---	< 10	---	---	---	< 10
Di-isopropyl ether (DIPE)	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Ethylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Ethylene dibromide	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Hexachloroethane	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Isopropyl benzene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0

	Date / Time Collected	1/9/2012 11:45 AM	1/9/2012 11:50 AM	1/9/2012 11:20 AM	1/9/2012 11:25 AM	1/9/2012 10:50 AM	1/9/2012 10:55 AM	1/9/2012 10:55 AM	2/4/2014 9:10 AM	1/28/2014 1:35 PM	2/12/2014 3:05 PM	2/14/2014 9:25 AM	2/18/2014 9:00 AM
	Location	SBTC0100R 592	SBTC0100R 592	SBTC0100R 592C	SBTC0100R 592C	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 502	SBTC0125R 502	SBTC0125R 509	SBTC0125R 510	SBTC0125R 511
	Sample	SBTC0100R 592S 010912S006	SBTC0100R 592S 010912S029	SBTC0100R 592CS 010912S008	SBTC0100R 592CS 010912S030	SBTC0100R 592ES 010912S010	SBTC0100R 592ED 010912S018	SBTC0100R 592ES 010912S018	SBTC0125L 502S 020414S007	SBTC0125R 502S 012814S046	SBTC0125R 509S 021214S005	SBTC0125R 510S 021414S016	SBTC0125R 511S 021814S005
	Depth	0 - 0.6 ft	2.5 - 2.9 ft	0 - 0.8 ft	2.5 - 3 ft	0 - 1 ft	1.3 - 1.8 ft	1.3 - 1.8 ft	0.5 - 0.7 ft	4 - 4.6 ft	0 - 0.5 ft	1.4 - 1.6 ft	0 - 0.5 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Saturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result
m&p-Xylene	ug/l	---	---	---	---	---	---	---	< 2.0	---	---	---	< 2.0
Methyl Iodide	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Methylene chloride	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
Naphthalene	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
n-Butylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
n-Propylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
o-Xylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
sec-Butylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Styrene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
t-Amyl methyl ether (TAME)	ug/l	---	---	---	---	---	---	---	< 5.0	---	---	---	< 5.0
t-Butyl alcohol	ug/l	---	---	---	---	---	---	---	< 50	---	---	---	< 50
t-Butylbenzene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Tetrachloroethylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Tetrahydrofuran	ug/l	---	---	---	---	---	---	---	< 90	---	---	---	< 90
Toluene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
trans-1,2-Dichloroethylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Trichloroethylene	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Trichlorofluoromethane	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Vinyl chloride	ug/l	---	---	---	---	---	---	---	< 1.0	---	---	---	< 1.0
Xylenes	ug/l	---	---	---	---	---	---	---	< 2.0	---	---	---	< 2.0

Soil SPLP Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Orange shaded samples are no longer representative of the soil conditions at this location.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
Shaded values reflect samples collected as part of the Data Gap Assessment.
(A) = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(E) = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(S) = Criterion defaults to the hazardous substance-specific water solubility limit.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/l = milligram per liter.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLV = hazardous substance is not likely to volatilize under most conditions.
SPLP = synthetic precipitation leaching procedure.
ug/l = micrograms per liter.
VOC = volatile organic compound.

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	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	1/27/2014 8:50 AM	1/27/2014 10:10 AM	10/3/2011 3:14 PM	10/3/2011 3:16 PM	10/3/2011 3:18 PM	10/3/2011 3:20 PM	10/4/2011 1:50 PM	10/4/2011 1:52 PM	10/4/2011 1:54 PM	10/4/2011 1:56 PM	10/4/2011 11:45 AM	10/4/2011 11:47 AM
	Location			SETC0100C 501	SETC0100C 502	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 003	SETC0125C 003
	Sample	Direct Contact Criteria		SETC0100C 501S 012714D018	SETC0100C 502S 012714D020	SETC0125C 001S 100311D012	SETC0125C 001S 100311D022	SETC0125C 001S 100311D027	SETC0125C 001S 100311D030	SETC0125C 002S 100411D005	SETC0125C 002S 100411D010	SETC0125C 002S 100411D020	SETC0125C 002S 100411D025	SETC0125C 003S 100411D009	SETC0125C 003S 100411D013
	Depth			1.5 - 1.75 ft	1.2 - 2 ft	0 - 1.2 ft	1.2 - 2.2 ft	2.2 - 2.75 ft	2.75 - 3 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 2.5 ft	0 - 0.9 ft	0.9 - 1.3 ft
Analyte	Units			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Carbon															
Total Organic Carbon	%v/v	NCE	NCE	---	---	---	---	---	---	---	---	---	---	---	---
Total Organic Carbon	mg/kg	NCE	NCE	**19200**	**19000**	---	---	---	---	---	---	---	---	---	---
Metals															
Beryllium	mg/kg	410	0.5	< 0.50	**1.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Mercury (Total)	mg/kg	160(B,Z)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	2600(B)	1	**3.4**	< 1.0	< 1.0	**14**	**4.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.0**	**3.5**
Nickel	mg/kg	40000(B)	1	**4.3**	**7.9**	**7.3**	**18**	**14**	**5.9**	**7.8**	**27**	**7.4**	**8.1**	**14**	**37**
Vanadium	mg/kg	750(DD)	1	**8.3**	**11**	**6.6**	**16**	**19**	**5.3**	**6.1**	**45**	**11**	**14**	**14**	**21**
PNA															
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	4.1e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	2.3e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	2e+006(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	4.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	2.7e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	1.6e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	2.9e+007	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids															
Moisture	%	NCE	NCE	**45**	**36**	**15**	**16**	**20**	**16**	**7.5**	**14**	**13**	**11**	**17**	**26**
TPH															
Diesel Range Organics (C10-C20)	mg/kg	NCE	10	---	---	**12**	< 11	< 12	**18**	**19**	< 11	< 11	< 11	**27**	< 13
Gasoline Range Organics (C6-C10)	mg/kg	NCE	10	---	---	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	NCE	10000	---	---	---	< 4000	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	NCE	20	---	---	**60**	**31**	**67**	**56**	**63**	**76**	**54**	**32**	**100**	**93**
Oil Range Organics (C20-C40)	mg/kg	NCE	20	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	1/27/2014 8:50 AM	1/27/2014 10:10 AM	10/3/2011 3:14 PM	10/3/2011 3:16 PM	10/3/2011 3:18 PM	10/3/2011 3:20 PM	10/4/2011 1:50 PM	10/4/2011 1:52 PM	10/4/2011 1:54 PM	10/4/2011 1:56 PM	10/4/2011 11:45 AM	10/4/2011 11:47 AM
	Location			SETC0100C 501	SETC0100C 502	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 003	SETC0125C 003
	Sample	Direct Contact Criteria		SETC0100C 501S 012714D018	SETC0100C 502S 012714D020	SETC0125C 001S 100311D012	SETC0125C 001S 100311D022	SETC0125C 001S 100311D027	SETC0125C 001S 100311D030	SETC0125C 002S 100411D005	SETC0125C 002S 100411D010	SETC0125C 002S 100411D020	SETC0125C 002S 100411D025	SETC0125C 003S 100411D009	SETC0125C 003S 100411D013
	Depth			1.5 - 1.75 ft	1.2 - 2 ft	0 - 1.2 ft	1.2 - 2.2 ft	2.2 - 2.75 ft	2.75 - 3 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 2.5 ft	0 - 0.9 ft	0.9 - 1.3 ft
Analyte	Units			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOC															
1,1,1,2-Tetrachloroethane	mg/kg	480(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	mg/kg	500000(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	ug/kg	5e+008(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,1,2,2-Tetrachloroethane	mg/kg	53	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	ug/kg	53000	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	1e+006(C,D)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	mg/kg	180	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	ug/kg	180000	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,1-Dichloroethane	mg/kg	27000(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	ug/kg	2.7e+007(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,1-Dichloroethylene	mg/kg	200(I)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	ug/kg	200000(I)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,2,3-Trichlorobenzene	ug/kg	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	mg/kg	1300(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	mg/kg	990(DD)	0.33	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	mg/kg	32000(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	mg/kg	19000(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	mg/kg	91(I)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	ug/kg	91000(I)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,2-Dichloropropane	mg/kg	140(I)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	ug/kg	140000(I)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,3,5-Trimethylbenzene	mg/kg	32000(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	mg/kg	200(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ug/kg	200000(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	mg/kg	NCE	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, cis	ug/kg	NCE	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,3-Dichloropropene, trans	mg/kg	NCE	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	ug/kg	NCE	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,4-Dichloro-2-butene, trans	mg/kg	NCE	0.05	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	ug/kg	NCE	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
1,4-Dichlorobenzene	mg/kg	400	0.1	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	1/27/2014 8:50 AM	1/27/2014 10:10 AM	10/3/2011 3:14 PM	10/3/2011 3:16 PM	10/3/2011 3:18 PM	10/3/2011 3:20 PM	10/4/2011 1:50 PM	10/4/2011 1:52 PM	10/4/2011 1:54 PM	10/4/2011 1:56 PM	10/4/2011 11:45 AM	10/4/2011 11:47 AM
	Location			SETC0100C 501	SETC0100C 502	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 003	SETC0125C 003
	Sample	Direct Contact Criteria		SETC0100C 501S 012714D018	SETC0100C 502S 012714D020	SETC0125C 001S 100311D012	SETC0125C 001S 100311D022	SETC0125C 001S 100311D027	SETC0125C 001S 100311D030	SETC0125C 002S 100411D005	SETC0125C 002S 100411D010	SETC0125C 002S 100411D020	SETC0125C 002S 100411D025	SETC0125C 003S 100411D009	SETC0125C 003S 100411D013
	Depth			1.5 - 1.75 ft	1.2 - 2 ft	0 - 1.2 ft	1.2 - 2.2 ft	2.2 - 2.75 ft	2.75 - 3 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 2.5 ft	0 - 0.9 ft	0.9 - 1.3 ft
Analyte	Units			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,4-Dichlorobenzene	ug/kg	400000	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (MEK)	mg/kg	120000(C,DD)	0.75	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	mg/kg	32000(C)	2.5	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	ug/kg	3.2e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	mg/kg	8100	0.33	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 480	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	mg/kg	56000(C)	2.5	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	mg/kg	23000(I)	1	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	ug/kg	2.3e+007(I)	1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	16000(I)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	mg/kg	180(I)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	ug/kg	180000(I)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Bromobenzene	ug/kg	540000(I)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromochloromethane	mg/kg	NCE	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/kg	NCE	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	mg/kg	110	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	ug/kg	110000	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	mg/kg	820	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	ug/kg	820000	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	mg/kg	320	0.2	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	ug/kg	320000	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	mg/kg	7200(C,DD)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	ug/kg	7.2e+006(C,DD)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	mg/kg	96	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	ug/kg	96000	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Chlorobenzene	mg/kg	4300(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	ug/kg	4.3e+006(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Chloroethane	mg/kg	2600(C)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	ug/kg	2.6e+006(C)	250	< 480	< 380	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	mg/kg	1200	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	ug/kg	1.2e+006	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Chloromethane	mg/kg	1600(C)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	ug/kg	1.6e+006(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	mg/kg	2500(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Cyclohexane	ug/kg	NCE	500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	mg/kg	110	0.1	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	1/27/2014 8:50 AM	1/27/2014 10:10 AM	10/3/2011 3:14 PM	10/3/2011 3:16 PM	10/3/2011 3:18 PM	10/3/2011 3:20 PM	10/4/2011 1:50 PM	10/4/2011 1:52 PM	10/4/2011 1:54 PM	10/4/2011 1:56 PM	10/4/2011 11:45 AM	10/4/2011 11:47 AM
	Location			SETC0100C 501	SETC0100C 502	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 003	SETC0125C 003
	Sample	Direct Contact Criteria		SETC0100C 501S 012714D018	SETC0100C 502S 012714D020	SETC0125C 001S 100311D012	SETC0125C 001S 100311D022	SETC0125C 001S 100311D027	SETC0125C 001S 100311D030	SETC0125C 002S 100411D005	SETC0125C 002S 100411D010	SETC0125C 002S 100411D020	SETC0125C 002S 100411D025	SETC0125C 003S 100411D009	SETC0125C 003S 100411D013
	Depth			1.5 - 1.75 ft	1.2 - 2 ft	0 - 1.2 ft	1.2 - 2.2 ft	2.2 - 2.75 ft	2.75 - 3 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 2.5 ft	0 - 0.9 ft	0.9 - 1.3 ft
Analyte	Units			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Dibromochloromethane	ug/kg	110000	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloropropane	mg/kg	4.4(C)	0.01	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	ug/kg	4400(C)	10	< 140	< 110	< 48	< 49	< 56	< 49	< 38	< 46	< 45	< 42	< 51	< 69
Dibromomethane	mg/kg	2500(C)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	ug/kg	2.5e+006(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	mg/kg	52000(C)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	mg/kg	110000(C)	0.2	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	ug/kg	1.1e+008(C)	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	mg/kg	22000(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	ug/kg	2.2e+007(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Ethylene dibromide	mg/kg	0.092	0.02	---	---	---	---	---	---	---	---	---	---	---	---
Ethylene dibromide	ug/kg	92	20	< 140	< 110	< 48	< 49	< 56	< 49	< 38	< 46	< 45	< 42	< 51	< 69
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	230000	300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	mg/kg	25000(C)	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	ug/kg	2.5e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	mg/kg	(J)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
m&p-Xylene	ug/kg	(J)	100	< 290	< 230	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 140
Methyl Iodide	mg/kg	NCE	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Methyl Iodide	ug/kg	NCE	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride	mg/kg	1300	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	ug/kg	1.3e+006	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	mg/kg	1500	0.25	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	mg/kg	16000	0.33	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	1.6e+007	330	< 480	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	2.5e+006	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
n-Propylbenzene	mg/kg	2500(I)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	ug/kg	2.5e+006(I)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	mg/kg	(J)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	ug/kg	(J)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	2.5e+006	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Styrene	mg/kg	400	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	ug/kg	400000	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	1/27/2014 8:50 AM	1/27/2014 10:10 AM	10/3/2011 3:14 PM	10/3/2011 3:16 PM	10/3/2011 3:18 PM	10/3/2011 3:20 PM	10/4/2011 1:50 PM	10/4/2011 1:52 PM	10/4/2011 1:54 PM	10/4/2011 1:56 PM	10/4/2011 11:45 AM	10/4/2011 11:47 AM
	Location			SETC0100C 501	SETC0100C 502	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 001	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 002	SETC0125C 003	SETC0125C 003
	Sample	Direct Contact Criteria		SETC0100C 501S 012714D018	SETC0100C 502S 012714D020	SETC0125C 001S 100311D012	SETC0125C 001S 100311D022	SETC0125C 001S 100311D027	SETC0125C 001S 100311D030	SETC0125C 002S 100411D005	SETC0125C 002S 100411D010	SETC0125C 002S 100411D020	SETC0125C 002S 100411D025	SETC0125C 003S 100411D009	SETC0125C 003S 100411D013
	Depth			1.5 - 1.75 ft	1.2 - 2 ft	0 - 1.2 ft	1.2 - 2.2 ft	2.2 - 2.75 ft	2.75 - 3 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 2.5 ft	0 - 0.9 ft	0.9 - 1.3 ft
Analyte	Units			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
t-Butylbenzene	ug/kg	2.5e+006(I)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Tetrachloroethylene	mg/kg	200(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	ug/kg	200000(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Tetrahydrofuran	ug/kg	2.9e+006	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	mg/kg	50000(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	ug/kg	5e+007(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	mg/kg	3800(C)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Trichloroethylene	mg/kg	500(C,DD)	0.05	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	ug/kg	500000(C,DD)	50	< 140	< 110	< 50	< 50	< 56	< 50	< 50	< 50	< 50	< 50	< 51	< 69
Trichlorofluoromethane	mg/kg	79000(C)	0.1	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	ug/kg	7.9e+007(C)	100	< 140	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate	mg/kg	5800(C,DD)	5	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	3.8	0.04	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	ug/kg	3800	40	< 140	< 110	< 48	< 49	< 56	< 49	< 40	< 46	< 45	< 42	< 51	< 69
Xylenes	mg/kg	410000(C)	0.15	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	ug/kg	4.1e+008(C)	150	< 290	< 230	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 140

	Date \ Time Collected	10/4/2011 11:49 AM	1/28/2014 1:30 PM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SETC0125C 003	SETC0125R 503	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01
	Sample	SETC0125C 003S 100411D020	SETC0125R 503S 012814D009	SOTF-B-Q-0.66-R01-0.0-0.5	SOTF-B-Q-0.66-R01-0.5-0.8	SOTF-B-Q-0.66-R01A-0.0-0.1	SOTF-B-Q-0.66-R01A-0.1-0.4	SOTF-B-Q-0.75-L01-0.0-0.7	SOTF-B-Q-0.75-L01-0.7-1.1	SOTF-B-Q-0.75-L01-1.1-1.8	SOTF-B-Q-0.75-L01A-0.0-0.2	SOTF-B-Q-0.75-L01A-0.2-0.7	SOTF-B-Q-0.75-L01A-0.2-0.7-FD	SOTF-B-Q-0.75-L01A-0.7-1.4	SOTF-B-Q-0.88-R01-0.0-0.5	SOTF-B-Q-0.88-R01-0.0-0.5-FD
	Depth	1.3 - 2 ft	0 - 0.9 ft	0 - 0.5 ft	0.5 - 0.8 ft	0 - 0.1 ft	0.1 - 0.4 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.8 ft	0 - 0.2 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0.7 - 1.4 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Duplicate
Carbon																
Total Organic Carbon	%v/v	---	---	---	---	**0.49**	**0.92**	---	---	---	**22**	**16**	**14**	**8.3**	---	---
Total Organic Carbon	mg/kg	---	**113000**	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals																
Beryllium	mg/kg	< 0.50	< 0.50	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---	< 0.056	< 0.06	---	---	---	**0.047**	**0.061**	**0.059**	< 0.055	---	---
Molybdenum	mg/kg	**2.8**	**1.6**	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	**17**	**12**	---	---	**4.79225**	**6.79662**	---	---	---	**14.2989**	**18.9063**	**18.4214**	---	---	---
Vanadium	mg/kg	**10**	**14**	---	---	**7.37008**	**10.2215**	---	---	---	**21.42015**	**31.25**	**30.6863**	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluorene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	**15**	**24**	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**17**	---	< 21	**130**	**27**	**21**	**320**	< 85	< 83	**260**	**360**	**400**	---	**380**	**300**
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 5	< 5	---	---	< 5	< 5	< 5	---	---	---	---	< 5	< 5
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**67**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C40)	mg/kg	---	---	**45**	**1200**	**86**	**77**	**1800**	**280**	**590**	**1200**	**1300**	**1500**	---	**2300**	**2200**

	Date \ Time Collected	10/4/2011 11:49 AM	1/28/2014 1:30 PM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SETC0125C 003	SETC0125R 503	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01
	Sample	SETC0125C 003S 100411D020	SETC0125R 503S 012814D009	SOTF-B-Q-0.66-R01-0.0-0.5	SOTF-B-Q-0.66-R01-0.5-0.8	SOTF-B-Q-0.66-R01A-0.0-0.1	SOTF-B-Q-0.66-R01A-0.1-0.4	SOTF-B-Q-0.75-L01-0.0-0.7	SOTF-B-Q-0.75-L01-0.7-1.1	SOTF-B-Q-0.75-L01-1.1-1.8	SOTF-B-Q-0.75-L01A-0.0-0.2	SOTF-B-Q-0.75-L01A-0.2-0.7	SOTF-B-Q-0.75-L01A-0.2-0.7-FD	SOTF-B-Q-0.75-L01A-0.7-1.4	SOTF-B-Q-0.88-R01-0.0-0.5	SOTF-B-Q-0.88-R01-0.0-0.5-FD
	Depth	1.3 - 2 ft	0 - 0.9 ft	0 - 0.5 ft	0.5 - 0.8 ft	0 - 0.1 ft	0.1 - 0.4 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.8 ft	0 - 0.2 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0.7 - 1.4 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Duplicate
VOC																
1,1,1,2-Tetrachloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1,1-Trichloroethane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1,2-Trichloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1,2-Trichloroethane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1-Dichloroethane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,1-Dichloroethylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2,3-Trichloropropane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	**0.028**	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2-Dichlorobenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2-Dichloroethane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,2-Dichloropropane	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,3-Dichlorobenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, cis	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,3-Dichloropropene, cis	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
1,3-Dichloropropene, trans	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
1,4-Dichloro-2-butene, trans	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05

	Date \ Time Collected	10/4/2011 11:49 AM	1/28/2014 1:30 PM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SETC0125C 003	SETC0125R 503	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01
	Sample	SETC0125C 003S 100411D020	SETC0125R 503S 012814D009	SOTF-B-Q-0.66-R01-0.0-0.5	SOTF-B-Q-0.66-R01-0.5-0.8	SOTF-B-Q-0.66-R01A-0.0-0.1	SOTF-B-Q-0.66-R01A-0.1-0.4	SOTF-B-Q-0.75-L01-0.0-0.7	SOTF-B-Q-0.75-L01-0.7-1.1	SOTF-B-Q-0.75-L01-1.1-1.8	SOTF-B-Q-0.75-L01A-0.0-0.2	SOTF-B-Q-0.75-L01A-0.2-0.7	SOTF-B-Q-0.75-L01A-0.2-0.7-FD	SOTF-B-Q-0.75-L01A-0.7-1.4	SOTF-B-Q-0.88-R01-0.0-0.5	SOTF-B-Q-0.88-R01-0.0-0.5-FD
	Depth	1.3 - 2 ft	0 - 0.9 ft	0 - 0.5 ft	0.5 - 0.8 ft	0 - 0.1 ft	0.1 - 0.4 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.8 ft	0 - 0.2 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0.7 - 1.4 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Duplicate
1,4-Dichlorobenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	mg/kg	---	---	**0.073**	**0.18**	---	---	**0.22**	**0.088**	**0.16**	---	---	---	---	**0.36**	**0.34**
2-Butanone (MEK)	ug/kg	< 750	< 750	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	mg/kg	---	---	< 2.5	< 2.5	---	---	< 2.5	< 2.5	< 2.5	---	---	---	---	< 2.5	< 2.5
2-Hexanone	ug/kg	< 2500	< 2500	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
2-Methylnaphthalene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	mg/kg	---	---	< 2.5	< 2.5	---	---	< 2.5	< 2.5	< 2.5	---	---	---	---	< 2.5	< 2.5
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	mg/kg	---	---	**0.15**	**0.57**	---	---	**0.59**	**0.29**	**0.54**	---	---	---	---	**1**	**0.9**
Acetone	ug/kg	< 1000	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Benzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Bromochloromethane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Bromodichloromethane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Bromoform	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Bromomethane	ug/kg	< 200	< 200	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	**1.1**	---	---	---	---	< 0.25	< 0.25
Carbon disulfide	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Carbon tetrachloride	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Chlorobenzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Chloroethane	ug/kg	< 250	< 280	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Chloroform	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Chloromethane	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
cis-1,2-Dichloroethylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	< 500	< 500	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05

	Date \ Time Collected	10/4/2011 11:49 AM	1/28/2014 1:30 PM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SETC0125C 003	SETC0125R 503	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01
	Sample	SETC0125C 003S 100411D020	SETC0125R 503S 012814D009	SOTF-B-Q-0.66-R01-0.0-0.5	SOTF-B-Q-0.66-R01-0.5-0.8	SOTF-B-Q-0.66-R01A-0.0-0.1	SOTF-B-Q-0.66-R01A-0.1-0.4	SOTF-B-Q-0.75-L01-0.0-0.7	SOTF-B-Q-0.75-L01-0.7-1.1	SOTF-B-Q-0.75-L01-1.1-1.8	SOTF-B-Q-0.75-L01A-0.0-0.2	SOTF-B-Q-0.75-L01A-0.2-0.7	SOTF-B-Q-0.75-L01A-0.2-0.7-FD	SOTF-B-Q-0.75-L01A-0.7-1.4	SOTF-B-Q-0.88-R01-0.0-0.5	SOTF-B-Q-0.88-R01-0.0-0.5-FD
	Depth	1.3 - 2 ft	0 - 0.9 ft	0 - 0.5 ft	0.5 - 0.8 ft	0 - 0.1 ft	0.1 - 0.4 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.8 ft	0 - 0.2 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0.7 - 1.4 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Duplicate
Dibromochloromethane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
Dibromochloropropane	ug/kg	< 48	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Dibromomethane	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Dichlorodifluoromethane	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Diethyl ether	ug/kg	< 200	< 200	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Ethylbenzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylene dibromide	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Ethylene dibromide	ug/kg	< 48	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	< 300	< 300	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Isopropyl benzene	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
m&p-Xylene	mg/kg	---	---	< 0.1	< 0.1	---	---	< 0.1	< 0.1	< 0.1	---	---	---	---	< 0.1	< 0.1
m&p-Xylene	ug/kg	< 100	< 170	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl Iodide	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
Methyl Iodide	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	mg/kg	---	---	< 0.25	**0.049**	---	---	**0.059**	**0.048**	**0.053**	---	---	---	---	< 0.25	**0.094**
Methylene chloride	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
Naphthalene	ug/kg	< 330	< 330	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
n-Propylbenzene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
o-Xylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Styrene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	< 2500	< 2500	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	10/4/2011 11:49 AM	1/28/2014 1:30 PM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SETC0125C 003	SETC0125R 503	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.66-R01A	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.75-L01A	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01
	Sample	SETC0125C 003S 100411D020	SETC0125R 503S 012814D009	SOTF-B-Q-0.66-R01-0.0-0.5	SOTF-B-Q-0.66-R01-0.5-0.8	SOTF-B-Q-0.66-R01A-0.0-0.1	SOTF-B-Q-0.66-R01A-0.1-0.4	SOTF-B-Q-0.75-L01-0.0-0.7	SOTF-B-Q-0.75-L01-0.7-1.1	SOTF-B-Q-0.75-L01-1.1-1.8	SOTF-B-Q-0.75-L01A-0.0-0.2	SOTF-B-Q-0.75-L01A-0.2-0.7	SOTF-B-Q-0.75-L01A-0.2-0.7-FD	SOTF-B-Q-0.75-L01A-0.7-1.4	SOTF-B-Q-0.88-R01-0.0-0.5	SOTF-B-Q-0.88-R01-0.0-0.5-FD
	Depth	1.3 - 2 ft	0 - 0.9 ft	0 - 0.5 ft	0.5 - 0.8 ft	0 - 0.1 ft	0.1 - 0.4 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.8 ft	0 - 0.2 ft	0.2 - 0.7 ft	0.2 - 0.7 ft	0.7 - 1.4 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Duplicate
t-Butylbenzene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Tetrachloroethylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	< 1000	< 1000	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	**0.37**	**7.4**	---	---	**12**	**17**	**1.5**	---	---	---	---	**3.4**	**0.23**
Toluene	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
trans-1,2-Dichloroethylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Trichloroethylene	ug/kg	< 50	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Trichlorofluoromethane	ug/kg	< 100	< 100	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl acetate	mg/kg	---	---	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	---	---	---	---	< 0.25	< 0.25
Vinyl chloride	mg/kg	---	---	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	---	---	---	---	< 0.05	< 0.05
Vinyl chloride	ug/kg	< 48	< 84	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	mg/kg	---	---	< 0.15	< 0.15	---	---	< 0.15	< 0.15	< 0.15	---	---	---	---	< 0.15	< 0.15
Xylenes	ug/kg	< 100	< 170	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01A	SOTF-B-Q-0.88-R01A	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-L01
	Sample	SOTF-B-Q-0.88-R01-0.5-0.9	SOTF-B-Q-0.88-R01-0.9-1.4	SOTF-B-Q-0.88-R01-1.4-1.8	SOTF-B-Q-0.88-R01A-0.0-0.6	SOTF-B-Q-0.88-R01A-0.6-1.2	SOTF-B-Q-1.06-R01-0.0-0.5	SOTF-B-Q-1.06-R01-0.5-1.0	SOTF-B-Q-1.07-R01-0.0-0.6	SOTF-B-Q-1.07-R01-0.6-1.1	SOTF-B-Q-1.09-R01-0.0-0.4	SOTF-B-Q-1.09-R01-0.4-0.9	SOTF-B-Q-1.09-R01-0.9-1.4	SOTF-B-Q-1.09-R01-1.4-1.7	SOTF-B-Q-1.10-L01-0.0-0.3	SOTF-B-Q-1.10-L01-0.3-0.8
	Depth	0.5 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.8 ft	0 - 0.6 ft	0.6 - 1.2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.6 ft	0.6 - 1.1 ft	0 - 0.4 ft	0.4 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.7 ft	0 - 0.3 ft	0.3 - 0.8 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Carbon																
Total Organic Carbon	%v/v	---	---	---	**18**	**17**	---	---	---	---	---	---	---	---	---	---
Total Organic Carbon	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals																
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	**0.038**	< 0.06	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	**15.4371**	**5.67947**	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	**26.3402**	**12.4938**	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthracene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fluorene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Solids																
Moisture	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**14**	< 78	**13**	**370**	**240**	**93**	< 39	**1900**	**18**	**537.73**	**62.11**	**15.19**	**28.12**	**1500**	**4**
Gasoline Range Organics (C6-C10)	mg/kg	< 5	< 5	< 5	---	---	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C40)	mg/kg	**1100**	**1000**	**730**	**1400**	**1100**	**2800**	**180**	**7400**	**830**	**1989.56**	**544.23**	**40.58**	**395.63**	**5300**	**66**

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01A	SOTF-B-Q-0.88-R01A	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-L01
	Sample	SOTF-B-Q-0.88-R01-0.5-0.9	SOTF-B-Q-0.88-R01-0.9-1.4	SOTF-B-Q-0.88-R01-1.4-1.8	SOTF-B-Q-0.88-R01A-0.0-0.6	SOTF-B-Q-0.88-R01A-0.6-1.2	SOTF-B-Q-1.06-R01-0.0-0.5	SOTF-B-Q-1.06-R01-0.5-1.0	SOTF-B-Q-1.07-R01-0.0-0.6	SOTF-B-Q-1.07-R01-0.6-1.1	SOTF-B-Q-1.09-R01-0.0-0.4	SOTF-B-Q-1.09-R01-0.4-0.9	SOTF-B-Q-1.09-R01-0.9-1.4	SOTF-B-Q-1.09-R01-1.4-1.7	SOTF-B-Q-1.10-L01-0.0-0.3	SOTF-B-Q-1.10-L01-0.3-0.8
	Depth	0.5 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.8 ft	0 - 0.6 ft	0.6 - 1.2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.6 ft	0.6 - 1.1 ft	0 - 0.4 ft	0.4 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.7 ft	0 - 0.3 ft	0.3 - 0.8 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOC																
1,1,1,2-Tetrachloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,3-Trichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	**0.22**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.092**	**0.017**
1,2,4-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	**0.12**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.044**	< 0.05
1,3,5-Trimethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, cis	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropene, cis	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene, trans	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichloro-2-butene, trans	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01A	SOTF-B-Q-0.88-R01A	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-L01
	Sample	SOTF-B-Q-0.88-R01-0.5-0.9	SOTF-B-Q-0.88-R01-0.9-1.4	SOTF-B-Q-0.88-R01-1.4-1.8	SOTF-B-Q-0.88-R01A-0.0-0.6	SOTF-B-Q-0.88-R01A-0.6-1.2	SOTF-B-Q-1.06-R01-0.0-0.5	SOTF-B-Q-1.06-R01-0.5-1.0	SOTF-B-Q-1.07-R01-0.0-0.6	SOTF-B-Q-1.07-R01-0.6-1.1	SOTF-B-Q-1.09-R01-0.0-0.4	SOTF-B-Q-1.09-R01-0.4-0.9	SOTF-B-Q-1.09-R01-0.9-1.4	SOTF-B-Q-1.09-R01-1.4-1.7	SOTF-B-Q-1.10-L01-0.0-0.3	SOTF-B-Q-1.10-L01-0.3-0.8
	Depth	0.5 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.8 ft	0 - 0.6 ft	0.6 - 1.2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.6 ft	0.6 - 1.1 ft	0 - 0.4 ft	0.4 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.7 ft	0 - 0.3 ft	0.3 - 0.8 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,4-Dichlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	mg/kg	**0.46**	**0.44**	**0.44**	---	---	**0.52**	**0.11**	**0.3**	**0.33**	**0.57**	**0.31**	**0.091**	**0.17**	**0.19**	**0.061**
2-Butanone (MEK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Hexanone	mg/kg	< 2.5	< 2.5	< 2.5	---	---	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2-Hexanone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	**1.1**	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**0.62**	< 0.25
2-Methylnaphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK)	mg/kg	< 2.5	< 2.5	< 2.5	---	---	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acetone	mg/kg	**1.4**	**1.6**	**1.6**	---	---	**1.3**	**0.37**	**1.2**	**0.98**	**1.2**	< 0.75	< 0.75	**0.35**	**0.57**	**0.2**
Acetone	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.054**	**0.021**
Benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromodichloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Carbon disulfide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01A	SOTF-B-Q-0.88-R01A	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-L01
	Sample	SOTF-B-Q-0.88-R01-0.5-0.9	SOTF-B-Q-0.88-R01-0.9-1.4	SOTF-B-Q-0.88-R01-1.4-1.8	SOTF-B-Q-0.88-R01A-0.0-0.6	SOTF-B-Q-0.88-R01A-0.6-1.2	SOTF-B-Q-1.06-R01-0.0-0.5	SOTF-B-Q-1.06-R01-0.5-1.0	SOTF-B-Q-1.07-R01-0.0-0.6	SOTF-B-Q-1.07-R01-0.6-1.1	SOTF-B-Q-1.09-R01-0.0-0.4	SOTF-B-Q-1.09-R01-0.4-0.9	SOTF-B-Q-1.09-R01-0.9-1.4	SOTF-B-Q-1.09-R01-1.4-1.7	SOTF-B-Q-1.10-L01-0.0-0.3	SOTF-B-Q-1.10-L01-0.3-0.8
	Depth	0.5 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.8 ft	0 - 0.6 ft	0.6 - 1.2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.6 ft	0.6 - 1.1 ft	0 - 0.4 ft	0.4 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.7 ft	0 - 0.3 ft	0.3 - 0.8 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Dibromochloromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloropropane	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Dibromochloropropane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromomethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethyl ether	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl ether	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.011**
Ethylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylene dibromide	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylene dibromide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropyl benzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isopropyl benzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
m&p-Xylene	mg/kg	< 0.1	< 0.1	< 0.1	---	---	< 0.1	< 0.1	**0.19**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.094**	**0.062**
m&p-Xylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl Iodide	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Methyl Iodide	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	mg/kg	< 0.25	< 0.25	**0.3**	---	---	< 0.25	< 0.25	**0.092**	< 0.25	**0.14**	**0.091**	**0.025**	**0.062**	< 0.25	**0.025**
Methylene chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether (MTBE)	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	**0.12**	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**0.061**	< 0.25
Naphthalene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Propylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
o-Xylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	**0.069**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.028**	**0.012**
o-Xylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	10/24/2010 12:00 AM	10/24/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01	SOTF-B-Q-0.88-R01A	SOTF-B-Q-0.88-R01A	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.06-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.07-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.09-R01	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-L01
	Sample	SOTF-B-Q-0.88-R01-0.5-0.9	SOTF-B-Q-0.88-R01-0.9-1.4	SOTF-B-Q-0.88-R01-1.4-1.8	SOTF-B-Q-0.88-R01A-0.0-0.6	SOTF-B-Q-0.88-R01A-0.6-1.2	SOTF-B-Q-1.06-R01-0.0-0.5	SOTF-B-Q-1.06-R01-0.5-1.0	SOTF-B-Q-1.07-R01-0.0-0.6	SOTF-B-Q-1.07-R01-0.6-1.1	SOTF-B-Q-1.09-R01-0.0-0.4	SOTF-B-Q-1.09-R01-0.4-0.9	SOTF-B-Q-1.09-R01-0.9-1.4	SOTF-B-Q-1.09-R01-1.4-1.7	SOTF-B-Q-1.10-L01-0.0-0.3	SOTF-B-Q-1.10-L01-0.3-0.8
	Depth	0.5 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.8 ft	0 - 0.6 ft	0.6 - 1.2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.6 ft	0.6 - 1.1 ft	0 - 0.4 ft	0.4 - 0.9 ft	0.9 - 1.4 ft	1.4 - 1.7 ft	0 - 0.3 ft	0.3 - 0.8 ft
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
t-Butylbenzene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	**1**	**4.9**	**46**	---	---	**0.28**	**3.8**	**21**	**9.1**	**7.6**	**4.1**	**0.86**	**1.6**	**0.027**	**0.029**
Toluene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl acetate	mg/kg	< 0.25	< 0.25	< 0.25	---	---	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl chloride	mg/kg	< 0.05	< 0.05	< 0.05	---	---	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl chloride	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes	mg/kg	< 0.15	< 0.15	< 0.15	---	---	< 0.15	< 0.15	**0.26**	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	**0.12**	**0.074**
Xylenes	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01
	Sample	SOTF-B-Q-1.10-L01-0.8-1.3	SOTF-B-Q-1.10-R01-0.0-0.7	SOTF-B-Q-1.10-R01-0.7-1.1	SOTF-B-Q-1.10-R01-1.1-1.4
	Depth	0.8 - 1.3 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.4 ft
Analyte	Units	Result	Result	Result	Result
Carbon					
Total Organic Carbon	%v/v	---	---	---	---
Total Organic Carbon	mg/kg	---	---	---	---
Metals					
Beryllium	mg/kg	---	---	---	---
Mercury (Total)	mg/kg	---	---	---	---
Molybdenum	mg/kg	---	---	---	---
Nickel	mg/kg	---	---	---	---
Vanadium	mg/kg	---	---	---	---
PNA					
2-Methylnaphthalene	ug/kg	---	---	---	---
Acenaphthene	ug/kg	---	---	---	---
Acenaphthylene	ug/kg	---	---	---	---
Anthracene	ug/kg	---	---	---	---
Benzo(a)anthracene	ug/kg	---	---	---	---
Benzo(a)pyrene	ug/kg	---	---	---	---
Benzo(b)fluoranthene	ug/kg	---	---	---	---
Benzo(g,h,i)perylene	ug/kg	---	---	---	---
Benzo(k)fluoranthene	ug/kg	---	---	---	---
Chrysene	ug/kg	---	---	---	---
Dibenzo(a,h)anthracene	ug/kg	---	---	---	---
Fluoranthene	ug/kg	---	---	---	---
Fluorene	ug/kg	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/kg	---	---	---	---
Naphthalene	ug/kg	---	---	---	---
Phenanthrene	ug/kg	---	---	---	---
Pyrene	ug/kg	---	---	---	---
Solids					
Moisture	%	---	---	---	---
TPH					
Diesel Range Organics (C10-C20)	mg/kg	< 40	**5300**	**1600**	**240**
Gasoline Range Organics (C6-C10)	mg/kg	< 5	< 5	< 5	< 5
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	---	---	---	---
Oil Range Organics (C20-C40)	mg/kg	**320**	**15000**	**4400**	**720**

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01
	Sample	SOTF-B-Q-1.10-L01-0.8-1.3	SOTF-B-Q-1.10-R01-0.0-0.7	SOTF-B-Q-1.10-R01-0.7-1.1	SOTF-B-Q-1.10-R01-1.1-1.4
	Depth	0.8 - 1.3 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.4 ft
Analyte	Units	Result	Result	Result	Result
VOC					
1,1,1,2-Tetrachloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	ug/kg	---	---	---	---
1,1,1-Trichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	ug/kg	---	---	---	---
1,1,2,2-Tetrachloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	ug/kg	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	ug/kg	---	---	---	---
1,1-Dichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	ug/kg	---	---	---	---
1,1-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	ug/kg	---	---	---	---
1,2,3-Trichlorobenzene	ug/kg	---	---	---	---
1,2,3-Trichloropropane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,2,3-Trichloropropane	ug/kg	---	---	---	---
1,2,3-Trimethylbenzene	ug/kg	---	---	---	---
1,2,4-Trichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	ug/kg	---	---	---	---
1,2,4-Trimethylbenzene	mg/kg	< 0.05	**0.24**	< 0.05	< 0.05
1,2,4-Trimethylbenzene	ug/kg	---	---	---	---
1,2-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	ug/kg	---	---	---	---
1,2-Dichloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	ug/kg	---	---	---	---
1,2-Dichloropropane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	ug/kg	---	---	---	---
1,3,5-Trimethylbenzene	mg/kg	< 0.05	**0.12**	< 0.05	< 0.05
1,3,5-Trimethylbenzene	ug/kg	---	---	---	---
1,3-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	ug/kg	---	---	---	---
1,3-Dichloropropene, cis	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropene, cis	ug/kg	---	---	---	---
1,3-Dichloropropene, trans	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropene, trans	ug/kg	---	---	---	---
1,4-Dichloro-2-butene, trans	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
1,4-Dichloro-2-butene, trans	ug/kg	---	---	---	---
1,4-Dichlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01
	Sample	SOTF-B-Q-1.10-L01-0.8-1.3	SOTF-B-Q-1.10-R01-0.0-0.7	SOTF-B-Q-1.10-R01-0.7-1.1	SOTF-B-Q-1.10-R01-1.1-1.4
	Depth	0.8 - 1.3 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.4 ft
Analyte	Units	Result	Result	Result	Result
1,4-Dichlorobenzene	ug/kg	---	---	---	---
2-Butanone (MEK)	mg/kg	**0.2**	**0.32**	**0.11**	**0.087**
2-Butanone (MEK)	ug/kg	---	---	---	---
2-Hexanone	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
2-Hexanone	ug/kg	---	---	---	---
2-Methylnaphthalene	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
2-Methylnaphthalene	ug/kg	---	---	---	---
4-Methyl-2-pentanone (MIBK)	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5
4-Methyl-2-pentanone (MIBK)	ug/kg	---	---	---	---
Acetone	mg/kg	**0.65**	**1.2**	**0.37**	**0.24**
Acetone	ug/kg	---	---	---	---
Acrylonitrile	ug/kg	---	---	---	---
Benzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	ug/kg	---	---	---	---
Bromobenzene	ug/kg	---	---	---	---
Bromochloromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Bromochloromethane	ug/kg	---	---	---	---
Bromodichloromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Bromodichloromethane	ug/kg	---	---	---	---
Bromoform	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	ug/kg	---	---	---	---
Bromomethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Bromomethane	ug/kg	---	---	---	---
Carbon disulfide	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
Carbon disulfide	ug/kg	---	---	---	---
Carbon tetrachloride	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	ug/kg	---	---	---	---
Chlorobenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	ug/kg	---	---	---	---
Chloroethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chloroethane	ug/kg	---	---	---	---
Chloroform	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	ug/kg	---	---	---	---
Chloromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Chloromethane	ug/kg	---	---	---	---
cis-1,2-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	ug/kg	---	---	---	---
Cyclohexane	ug/kg	---	---	---	---
Dibromochloromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01
	Sample	SOTF-B-Q-1.10-L01-0.8-1.3	SOTF-B-Q-1.10-R01-0.0-0.7	SOTF-B-Q-1.10-R01-0.7-1.1	SOTF-B-Q-1.10-R01-1.1-1.4
	Depth	0.8 - 1.3 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.4 ft
Analyte	Units	Result	Result	Result	Result
Dibromochloromethane	ug/kg	---	---	---	---
Dibromochloropropane	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
Dibromochloropropane	ug/kg	---	---	---	---
Dibromomethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dibromomethane	ug/kg	---	---	---	---
Dichlorodifluoromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	ug/kg	---	---	---	---
Diethyl ether	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl ether	ug/kg	---	---	---	---
Di-isopropyl ether (DIPE)	ug/kg	---	---	---	---
Ethylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Ethylbenzene	ug/kg	---	---	---	---
Ethylene dibromide	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Ethylene dibromide	ug/kg	---	---	---	---
Ethyl-tert-butyl ether (ETBE)	ug/kg	---	---	---	---
Hexachloroethane	ug/kg	---	---	---	---
Isopropyl benzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Isopropyl benzene	ug/kg	---	---	---	---
m&p-Xylene	mg/kg	< 0.1	**0.14**	< 0.1	< 0.1
m&p-Xylene	ug/kg	---	---	---	---
Methyl Iodide	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
Methyl Iodide	ug/kg	---	---	---	---
Methylene chloride	mg/kg	**0.039**	< 0.25	**0.031**	< 0.25
Methylene chloride	ug/kg	---	---	---	---
Methyl-tert-butyl ether (MTBE)	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methyl-tert-butyl ether (MTBE)	ug/kg	---	---	---	---
Naphthalene	mg/kg	< 0.25	**0.13**	< 0.25	< 0.25
Naphthalene	ug/kg	---	---	---	---
n-Butylbenzene	ug/kg	---	---	---	---
n-Propylbenzene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
n-Propylbenzene	ug/kg	---	---	---	---
o-Xylene	mg/kg	< 0.05	**0.045**	< 0.05	< 0.05
o-Xylene	ug/kg	---	---	---	---
p-Isopropyl toluene (p-Cymene)	ug/kg	---	---	---	---
sec-Butylbenzene	ug/kg	---	---	---	---
Styrene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	ug/kg	---	---	---	---
t-Amyl methyl ether (TAME)	ug/kg	---	---	---	---
t-Butyl alcohol	ug/kg	---	---	---	---

	Date \ Time Collected	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM	9/17/2010 12:00 AM
	Location	SOTF-B-Q-1.10-L01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01	SOTF-B-Q-1.10-R01
	Sample	SOTF-B-Q-1.10-L01-0.8-1.3	SOTF-B-Q-1.10-R01-0.0-0.7	SOTF-B-Q-1.10-R01-0.7-1.1	SOTF-B-Q-1.10-R01-1.1-1.4
	Depth	0.8 - 1.3 ft	0 - 0.7 ft	0.7 - 1.1 ft	1.1 - 1.4 ft
Analyte	Units	Result	Result	Result	Result
t-Butylbenzene	ug/kg	---	---	---	---
Tetrachloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	ug/kg	---	---	---	---
Tetrahydrofuran	ug/kg	---	---	---	---
Toluene	mg/kg	< 0.05	**8.3**	**7.9**	**3.1**
Toluene	ug/kg	---	---	---	---
trans-1,2-Dichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	ug/kg	---	---	---	---
Trichloroethylene	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	ug/kg	---	---	---	---
Trichlorofluoromethane	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	ug/kg	---	---	---	---
Vinyl acetate	mg/kg	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl chloride	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl chloride	ug/kg	---	---	---	---
Xylenes	mg/kg	< 0.15	**0.18**	< 0.15	< 0.15
Xylenes	ug/kg	---	---	---	---

Sediment Footnotes:
All sediment concentration results are reported on a dry weight basis.
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Orange shaded samples are no longer representative of the soil conditions at this location.
Shaded values indicate that the laboratory Reporting Limit value exceeds applicable criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
% v/v = percent volume per volume.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NCE = no criteria established.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
VOC = volatile organic compound.

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 4:14 PM	9/22/2011 11:46 AM	2/11/2014 11:55 AM	9/22/2011 4:35 PM	9/23/2011 11:35 AM	9/24/2011 8:20 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 001	SBTC0075L 001	SBTC0075L 012	SBTC0075L 026	SBTC0075L 030	SBTC0075L 036	SBTC0075L 050	SBTC0075L 066
	Sample					SBTC0075L 001S 092111G074	GWTC0075L001S09211G074-split	GWTC0075L001S09211G074-split	SBTC0075L 012S 092111G087	SBTC0075L 026S 092211G054	SBTC0075L 030S 021114G038	SBTC0075L 036S 092211G088	SBTC0075L 050S 092311G084	SBTC0075L 066S 092411G092
	Depth					6.4 - 7.4 ft	6.4 - 7.4 ft	6.4 - 7.4 ft	7.7 - 8.7 ft	4.4 - 5.4 ft	0.5 - 3.84 ft	7.75 - 8.75 ft	7.4 - 8.4 ft	8.2 - 9.2 ft
	Dissolved / Total					T	D	T	T	T	T	T	T	T
Analyte	Units					Result	Split	Split	Result	Result	Result	Result	Result	Result
Field														
Depth to Water	ft	NCE	NCE	NCE	NCE	**4.08**	---	---	**3.30**	---	**2.23**	---	---	---
Dissolved Oxygen	mg/l	NCE	NCE	NCE	NCE	**0.51**	---	---	**9.44**	---	**0.20**	---	---	---
Oxidation Reduction Potential	millivolts	NCE	NCE	NCE	NCE	-33.5	---	---	**89.2**	---	-89.1	---	---	---
pH	su	8.5(E)	9	ID	NCE	**7.46**	---	---	**7.41**	---	**7.32**	---	---	---
Specific Conductance	mS/cm	NCE	NCE	NCE	NCE	**0.766**	---	---	**0.597**	---	**0.533**	---	---	---
Specific Conductance	uS/cm	NCE	NCE	NCE	NCE	---	---	---	---	---	---	---	---	---
Temperature	deg c	NCE	NCE	NCE	NCE	**16.54**	---	---	**14.31**	---	**7.2**	---	---	---
Turbidity	ntu	NCE	NCE	NCE	NCE	**89.7**	---	---	**746.7**	---	**1.36**	---	---	---
Metals														
Arsenic	ug/l	10(A)	10(X)	NLV	5	---	**1.8**	**43**	---	---	---	---	---	---
Barium	ug/l	2000(B)(A)	1100(B)(G)	(B)NLV	100	---	**29**	**57**	---	---	---	---	---	---
Beryllium	mg/l	0.004(A)	0.02(G)	NLV	0.001	< 0.0010	---	---	< 0.0020	< 0.0020	---	< 0.0020	< 0.0010	< 0.0010
Beryllium	ug/l	4(A)	20(G)	NLV	1	---	< 1	< 1	---	---	---	---	---	---
Cadmium	ug/l	5(B)(A)	4.2(B)(G,X)	(B)NLV	1	---	< 0.2	< 0.2	---	---	---	---	---	---
Chromium (Total)	ug/l	NCE	150	NCE	10	---	< 1	**13**	---	---	---	---	---	---
Copper	ug/l	1000(B)(E)	18(B)(G)	(B)NLV	4	---	< 1	**22**	---	---	---	---	---	---
Iron	ug/l	300(B)(E)	(B)NA	(B)NLV	200	---	**300**	**24000**	---	---	---	---	---	---
Lead	ug/l	4(B)(L)	40(B)(G,X)	(B)NLV	3	---	< 1	**18**	---	---	---	---	---	---
Mercury (Total)	ug/l	2(B,Z)(A)	0.0013(B,Z)	56(B,Z)(S)	0.001	---	< 0.2	< 0.2	---	---	---	---	---	---
Molybdenum	mg/l	0.073(B)	3.2(B)(X)	(B)NLV	0.05	< 0.050	---	---	< 0.050	< 0.050	---	< 0.050	< 0.050	< 0.050
Molybdenum	ug/l	73(B)	3200(B)(X)	(B)NLV	50	---	< 25	< 25	---	---	---	---	---	---
Nickel	mg/l	0.1(B)(A)	0.11(B)(G)	(B)NLV	0.02	< 0.020	---	---	**0.099**	**0.054**	---	**0.027**	< 0.020	**0.026**
Nickel	ug/l	100(B)(A)	110(B)(G)	(B)NLV	20	---	< 2	**12**	---	---	---	---	---	---
Selenium	ug/l	50(B)(A)	5(B)	(B)NLV	5	---	< 1	< 1	---	---	---	---	---	---
Silver	ug/l	34(B)	0.2(B)(M);0.06	(B)NLV	0.2	---	< 0.2	< 0.2	---	---	---	---	---	---
Vanadium	mg/l	0.0045	0.027	NLV	0.004	**0.014**	---	---	**0.055**	**0.061**	---	**0.031**	**0.018**	**0.071**
Vanadium	ug/l	4.5	27	NLV	4	---	< 2	**24**	---	---	---	---	---	---
Zinc	ug/l	2400(B)	240(B)(G)	(B)NLV	50	---	< 10	**75**	---	---	---	---	---	---

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 4:14 PM	9/22/2011 11:46 AM	2/11/2014 11:55 AM	9/22/2011 4:35 PM	9/23/2011 11:35 AM	9/24/2011 8:20 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 001	SBTC0075L 001	SBTC0075L 012	SBTC0075L 026	SBTC0075L 030	SBTC0075L 036	SBTC0075L 050	SBTC0075L 066
	Sample					SBTC0075L 001S 092111G074	GWTC0075L001S09211G074-split	GWTC0075L001S09211G074-split	SBTC0075L 012S 092111G087	SBTC0075L 026S 092211G054	SBTC0075L 030S 021114G038	SBTC0075L 036S 092211G088	SBTC0075L 050S 092311G084	SBTC0075L 066S 092411G092
	Depth					6.4 - 7.4 ft	6.4 - 7.4 ft	6.4 - 7.4 ft	7.7 - 8.7 ft	4.4 - 5.4 ft	0.5 - 3.84 ft	7.75 - 8.75 ft	7.4 - 8.4 ft	8.2 - 9.2 ft
	Dissolved / Total					T	D	T	T	T	T	T	T	T
Analyte	Units					Result	Split	Split	Result	Result	Result	Result	Result	Result
PNA														
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 5.0	---	< 5.2	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Acenaphthene	ug/l	1300	38	4200(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Acenaphthylene	ug/l	52	ID	3900(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Anthracene	ug/l	43(S)	ID	43(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	2.1(Q)	(Q)ID	(Q)NLV	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Benzo(a)pyrene	ug/l	5(Q)(A)	(Q)ID	(Q)NLV	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Benzo(b)fluoranthene	ug/l	1.5(Q)(S,AA)	(Q)ID	(Q)ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Benzo(g,h,i)perylene	ug/l	1(M);0.26(S)	ID	NLV	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Benzo(k)fluoranthene	ug/l	1(Q)(M);0.8(S)	(Q)NA	(Q)NLV	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Chrysene	ug/l	1.6(Q)(S)	(Q)ID	(Q)ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	2(Q)(M);0.21	(Q)ID	(Q)NLV	2	< 2.0	---	< 2.1	< 2.0	< 2.0	---	< 2.0	< 5.0	< 2.0
Fluoranthene	ug/l	210(S)	1.6	210(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	---	< 1.0	< 5.0	< 1.0
Fluorene	ug/l	880	12	2000(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	2(Q)(M);0.022(S)	(Q)ID	(Q)NLV	2	< 2.0	---	< 2.1	< 2.0	< 2.0	---	< 2.0	< 5.0	< 2.0
Naphthalene	ug/l	520	11	31000(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Phenanthrene	ug/l	52	2(M);1.4	1000(S)	2	< 2.0	---	< 1.0	< 2.0	< 2.0	---	< 2.0	< 5.0	< 2.0
Pyrene	ug/l	140(S)	ID	140(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
TPH														
Diesel Range Organics (C10-C20)	mg/l	NCE	NCE	NCE	0.1	< 0.10	---	---	< 0.10	< 0.10	---	< 0.10	< 0.10	< 0.10
Diesel Range Organics (C10-C20)	ug/l	NCE	NCE	NCE	100	---	---	< 110	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	NCE	NCE	NCE	0.1	< 0.20	---	---	< 0.20	< 0.20	---	< 0.20	< 0.20	< 0.20
Gasoline Range Organics (C6-C10)	ug/l	NCE	NCE	NCE	100	---	---	< 100	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	NCE	NCE	NCE	0.5	< 0.10	---	---	< 0.10	< 0.10	---	< 0.10	< 0.10	< 0.10
Oil Range Organics (C20-C34)	ug/l	NCE	NCE	NCE	500	---	---	< 530	---	---	---	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/l	77	ID	15000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	200(A)	89	660000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	8.5	78(X)	12000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	170000(S)	32	170000(S)	1	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	5(A)	330(X)	17000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	880	740	1e+006	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	7(I)(A)	130(I)	200(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	NCE	NCE	NCE	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	42	NA	8300	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	NCE	NCE	NCE	5	---	---	< 1.0	---	---	< 5.0	---	---	---

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 4:14 PM	9/22/2011 11:46 AM	2/11/2014 11:55 AM	9/22/2011 4:35 PM	9/23/2011 11:35 AM	9/24/2011 8:20 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 001	SBTC0075L 001	SBTC0075L 012	SBTC0075L 026	SBTC0075L 030	SBTC0075L 036	SBTC0075L 050	SBTC0075L 066
	Sample					SBTC0075L 001S 092111G074	GWTC0075L001S09211G074-split	GWTC0075L001S09211G074-split	SBTC0075L 012S 092111G087	SBTC0075L 026S 092211G054	SBTC0075L 030S 021114G038	SBTC0075L 036S 092211G088	SBTC0075L 050S 092311G084	SBTC0075L 066S 092411G092
	Depth					6.4 - 7.4 ft	6.4 - 7.4 ft	6.4 - 7.4 ft	7.7 - 8.7 ft	4.4 - 5.4 ft	0.5 - 3.84 ft	7.75 - 8.75 ft	7.4 - 8.4 ft	8.2 - 9.2 ft
	Dissolved / Total					T	D	T	T	T	T	T	T	T
Analyte	Units					Result	Split	Split	Result	Result	Result	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	70(A)	99(X)	300000(S)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	63(I)(E)	17(I)	56000(I)(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	600(A)	13	160000(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	5(I)(A)	360(I)(X)	9600(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	5(I)(A)	230(I)(X)	16000(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	72(I)(E)	45(I)	61000(I)(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	6.6	28	18000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	NCE	NCE	NCE	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	NCE	NCE	NCE	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	NCE	NCE	NCE	1	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	75(A)	17	16000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	13000(I)	2200(I)	2.4e+008(I)(S)	25	< 25	---	< 5.0	< 25	< 25	< 25	< 25	< 25	**72**
2-Hexanone	ug/l	1000	ID	4.2e+006	50	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	1800(I)	(I)ID	2e+007(I)(S)	50	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	730(I)	1700(I)	1e+009(I)(D,S)	50	< 50	---	< 20	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	2.6(I)	2(I)(M);1.2	34000(I)	2	< 2.0	---	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	5(I)(A)	200(I)(X)	5600(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	18(I)	(I)NA	180000(I)	1	---	---	< 1.0	---	---	< 1.0	---	---	---
Bromochloromethane	ug/l	NCE	NCE	NCE	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	80(A,W)	ID	4800	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	80(A,W)	ID	470000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	10	35	4000	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	800(I,R)	(I,R)ID	250000(I,R)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	5(A)	45(X)	370	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	100(I)(A)	25(I)	210000(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	430	1100(X)	5.7e+006(S)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	80(A,W)	350(X)	28000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	260(I)	(I)ID	8600(I)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	70(A)	620	93000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	NCE	NCE	NCE	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	80(A,W)	ID	14000	5	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	0.2(A)	ID	220(S)	0.2	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	80	NA	ID	5	---	---	< 1.0	---	---	< 5.0	---	---	---
Dichlorodifluoromethane	ug/l	1700	ID	220000	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	10(E)	ID	6.1e+007(S)	10	< 10	---	< 5.0	< 10	< 10	< 10	< 10	< 10	< 10

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 10:48 AM	9/21/2011 4:14 PM	9/22/2011 11:46 AM	2/11/2014 11:55 AM	9/22/2011 4:35 PM	9/23/2011 11:35 AM	9/24/2011 8:20 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		SBTC0075L 001	SBTC0075L 001	SBTC0075L 001	SBTC0075L 012	SBTC0075L 026	SBTC0075L 030	SBTC0075L 036	SBTC0075L 050	SBTC0075L 066
	Sample					SBTC0075L 001S 092111G074	GWTC0075L001S09211G074-split	GWTC0075L001S09211G074-split	SBTC0075L 012S 092111G087	SBTC0075L 026S 092211G054	SBTC0075L 030S 021114G038	SBTC0075L 036S 092211G088	SBTC0075L 050S 092311G084	SBTC0075L 066S 092411G092
	Depth					6.4 - 7.4 ft	6.4 - 7.4 ft	6.4 - 7.4 ft	7.7 - 8.7 ft	4.4 - 5.4 ft	0.5 - 3.84 ft	7.75 - 8.75 ft	7.4 - 8.4 ft	8.2 - 9.2 ft
	Dissolved / Total					T	D	T	T	T	T	T	T	T
Analyte	Units					Result	Split	Split	Result	Result	Result	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	30	ID	8000(S)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	74(I)(E)	18(I)	110000(I)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	0.05(A)	5.7(X)	2400	0.05	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	49(E)	ID	2.9e+006	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	7.3	6.7(X)	27000	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	800	28ID	56000(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	(J)	(J)	(J)	2	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	NCE	NCE	NCE	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	5(A)	1500(X)	220000	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	40(E)	7100(X)	4.7e+007(S)	5	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	520	11	31000(S)	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	80	ID	ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	(J)	(J)	(J)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	NCE	NCE	NCE	5	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	80	ID	ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	100(A)	80(X)	170000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	190(E)	NA	260000	5	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	3900	NA	1e+009(D,S)	50	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	5(A)	60(X)	25000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	95	11000(X)	6.9e+006	90	< 90	---	< 5.0	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	790(I)(E)	270(I)	530000(I)(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	100(A)	1500(X)	85000	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	5(A)	200(X)	2200	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	2600	NA	1.1e+006(S)	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	2(A)	13(X)	1100	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	280(I)(E)	41(I)	190000(I)(S)	3	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/16/2014 1:40 PM	1/16/2014 2:45 PM	2/11/2014 11:35 AM	2/5/2014 9:15 AM	2/24/2014 12:20 PM	2/4/2014 3:20 PM	2/11/2014 10:30 AM	2/20/2014 12:00 PM	2/20/2014 12:00 PM	2/10/2014 3:15 PM	2/11/2014 10:35 AM	9/21/2011 9:05 AM	2/10/2014 2:55 PM	2/10/2014 2:55 PM	9/21/2011 2:20 PM
	Location	SBTC0075L 501	SBTC0075L 502	SBTC0075L 503	SBTC0075L 505	SBTC0075L 508R1	SBTC0075L 511	SBTC0075L 514	SBTC0075L 515	SBTC0075L 515	SBTC0075L 516	SBTC0075L0 34	SBTC0075R 001	SBTC0075R 008	SBTC0075R 008	SBTC0075R 012
	Sample	SBTC0075L 501S 011614G040	SBTC0075L 502S 011614G039	SBTC0075L 503S 021114G040	SBTC0075L 505S 020514G041	SBTC0075L 508R1S 022414G041	SBTC0075L 511S 020414G040	SBTC0075L 514S 021114G051	SBTC0075L 515S 022014G041	SBTC0075L 515D 022014G041	SBTC0075L 516S 021014G041	SBTC0075L 034S 021114G040	SBTC0075R 001S 092111G092	SBTC0075R 008S 021014G041	SBTC0075R 008D 021014G041	SBTC0075R 012S 092111G085
	Depth	0.5 - 3.96 ft	0.5 - 3.85 ft	0.5 - 4 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 4 ft	1.5 - 5.06 ft	0.5 - 4.09 ft	0.5 - 4.09 ft	0.5 - 4.05 ft	0.5 - 4 ft	8.2 - 9.2 ft	0.5 - 4.06 ft	0.5 - 4.06 ft	7.5 - 8.5 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result
Field																
Depth to Water	ft	**0.02**	**0.08**	**2.25**	---	**1.30**	**2.75**	**0.17**	**3.02**	**3.02**	**2.19**	**0.25**	**2.05**	**3.46**	**3.46**	**3.40**
Dissolved Oxygen	mg/l	**0.21**	**0.20**	**0.31**	**9.77**	---	**0.29**	**0.36**	**0.23**	**0.23**	**0.25**	**0.32**	**1.13**	**0.89**	**0.89**	**4.08**
Oxidation Reduction Potential	millivolts	-54.9	-80.8	-90.2	**215.8**	**277.2**	-98.1	-28.9	**251.8**	**251.8**	**7.5**	-106.6	-61.6	-50.8	-50.8	-81.5
pH	su	**7.21**	**7.23**	**7.25**	**7.16**	**7.21**	**7**	**7.09**	**7.27**	**7.27**	**7.25**	**7.17**	**7.45**	**6.79**	**6.79**	**7.34**
Specific Conductance	mS/cm	**0.578**	**0.529**	**0.556**	**0.573**	**0.657**	**0.562**	**0.537**	**0.700**	**0.700**	**0.507**	**0.600**	**0.741**	**0.853**	**0.853**	**0.798**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**6.6**	**3.7**	**7.4**	**2.1**	**0.8**	**2.2**	**5.9**	**4.2**	**4.2**	**5.3**	**4.8**	**15.15**	**2.1**	**2.1**	**16.09**
Turbidity	ntu	**3.15**	**2.85**	**8.30**	**17.0**	**4.84**	**7.33**	**2.29**	**14.13**	**14.13**	**2.33**	**4.28**	-95.7	**5.47**	**5.47**	**113.0**
Metals																
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	< 0.0010	---	---	< 0.0010
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	**0.0057**	**0.0058**	---	---	< 0.050	---	---	< 0.050
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	---	---	---	< 0.020	---	---	< 0.020
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	---	---	---	---	< 0.0040	---	---	< 0.0040
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/16/2014 1:40 PM	1/16/2014 2:45 PM	2/11/2014 11:35 AM	2/5/2014 9:15 AM	2/24/2014 12:20 PM	2/4/2014 3:20 PM	2/11/2014 10:30 AM	2/20/2014 12:00 PM	2/20/2014 12:00 PM	2/10/2014 3:15 PM	2/11/2014 10:35 AM	9/21/2011 9:05 AM	2/10/2014 2:55 PM	2/10/2014 2:55 PM	9/21/2011 2:20 PM
	Location	SBTC0075L 501	SBTC0075L 502	SBTC0075L 503	SBTC0075L 505	SBTC0075L 508R1	SBTC0075L 511	SBTC0075L 514	SBTC0075L 515	SBTC0075L 515	SBTC0075L 516	SBTC0075L0 34	SBTC0075R 001	SBTC0075R 008	SBTC0075R 008	SBTC0075R 012
	Sample	SBTC0075L 501S 011614G040	SBTC0075L 502S 011614G039	SBTC0075L 503S 021114G040	SBTC0075L 505S 020514G041	SBTC0075L 508R1S 022414G041	SBTC0075L 511S 020414G040	SBTC0075L 514S 021114G051	SBTC0075L 515S 022014G041	SBTC0075L 515D 022014G041	SBTC0075L 516S 021014G041	SBTC0075L 034S 021114G040	SBTC0075R 001S 092111G092	SBTC0075R 008S 021014G041	SBTC0075R 008D 021014G041	SBTC0075R 012S 092111G085
	Depth	0.5 - 3.96 ft	0.5 - 3.85 ft	0.5 - 4 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 4 ft	1.5 - 5.06 ft	0.5 - 4.09 ft	0.5 - 4.09 ft	0.5 - 4.05 ft	0.5 - 4 ft	8.2 - 9.2 ft	0.5 - 4.06 ft	0.5 - 4.06 ft	7.5 - 8.5 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result
PNA																
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	< 1.0	---	---	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	< 2.0	---	---	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	< 5.0	---	---	< 5.0
TPH																
Diesel Range Organics (C10-C20)	mg/l	---	---	---	---	---	---	---	---	---	---	---	< 0.10	---	---	< 0.10
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	---	---	---	---	---	---	---	---	---	---	---	< 0.20	---	---	< 0.20
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	---	---	---	---	---	---	---	---	---	---	---	< 0.10	---	---	< 0.10
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/16/2014 1:40 PM	1/16/2014 2:45 PM	2/11/2014 11:35 AM	2/5/2014 9:15 AM	2/24/2014 12:20 PM	2/4/2014 3:20 PM	2/11/2014 10:30 AM	2/20/2014 12:00 PM	2/20/2014 12:00 PM	2/10/2014 3:15 PM	2/11/2014 10:35 AM	9/21/2011 9:05 AM	2/10/2014 2:55 PM	2/10/2014 2:55 PM	9/21/2011 2:20 PM
	Location	SBTC0075L 501	SBTC0075L 502	SBTC0075L 503	SBTC0075L 505	SBTC0075L 508R1	SBTC0075L 511	SBTC0075L 514	SBTC0075L 515	SBTC0075L 515	SBTC0075L 516	SBTC0075L0 34	SBTC0075R 001	SBTC0075R 008	SBTC0075R 008	SBTC0075R 012
	Sample	SBTC0075L 501S 011614G040	SBTC0075L 502S 011614G039	SBTC0075L 503S 021114G040	SBTC0075L 505S 020514G041	SBTC0075L 508R1S 022414G041	SBTC0075L 511S 020414G040	SBTC0075L 514S 021114G051	SBTC0075L 515S 022014G041	SBTC0075L 515D 022014G041	SBTC0075L 516S 021014G041	SBTC0075L 034S 021114G040	SBTC0075R 001S 092111G092	SBTC0075R 008S 021014G041	SBTC0075R 008D 021014G041	SBTC0075R 012S 092111G085
	Depth	0.5 - 3.96 ft	0.5 - 3.85 ft	0.5 - 4 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 4 ft	1.5 - 5.06 ft	0.5 - 4.09 ft	0.5 - 4.09 ft	0.5 - 4.05 ft	0.5 - 4 ft	8.2 - 9.2 ft	0.5 - 4.06 ft	0.5 - 4.06 ft	7.5 - 8.5 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	< 25	< 25	< 25	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	< 1.0	---	< 1.0	---	< 1.0	---	---	< 1.0	< 1.0	---	< 1.0	< 1.0	---
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	< 5.0	---	< 5.0	---	< 5.0	---	---	< 5.0	< 5.0	---	< 5.0	< 5.0	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---	---	< 10	< 10	< 10	< 10	< 10	< 10

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/16/2014 1:40 PM	1/16/2014 2:45 PM	2/11/2014 11:35 AM	2/5/2014 9:15 AM	2/24/2014 12:20 PM	2/4/2014 3:20 PM	2/11/2014 10:30 AM	2/20/2014 12:00 PM	2/20/2014 12:00 PM	2/10/2014 3:15 PM	2/11/2014 10:35 AM	9/21/2011 9:05 AM	2/10/2014 2:55 PM	2/10/2014 2:55 PM	9/21/2011 2:20 PM
	Location	SBTC0075L 501	SBTC0075L 502	SBTC0075L 503	SBTC0075L 505	SBTC0075L 508R1	SBTC0075L 511	SBTC0075L 514	SBTC0075L 515	SBTC0075L 515	SBTC0075L 516	SBTC0075L0 34	SBTC0075R 001	SBTC0075R 008	SBTC0075R 008	SBTC0075R 012
	Sample	SBTC0075L 501S 011614G040	SBTC0075L 502S 011614G039	SBTC0075L 503S 021114G040	SBTC0075L 505S 020514G041	SBTC0075L 508R1S 022414G041	SBTC0075L 511S 020414G040	SBTC0075L 514S 021114G051	SBTC0075L 515S 022014G041	SBTC0075L 515D 022014G041	SBTC0075L 516S 021014G041	SBTC0075L 034S 021114G040	SBTC0075R 001S 092111G092	SBTC0075R 008S 021014G041	SBTC0075R 008D 021014G041	SBTC0075R 012S 092111G085
	Depth	0.5 - 3.96 ft	0.5 - 3.85 ft	0.5 - 4 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 4 ft	1.5 - 5.06 ft	0.5 - 4.09 ft	0.5 - 4.09 ft	0.5 - 4.05 ft	0.5 - 4 ft	8.2 - 9.2 ft	0.5 - 4.06 ft	0.5 - 4.06 ft	7.5 - 8.5 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Duplicate	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---	---	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/24/2011 4:05 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/26/2011 9:35 AM	9/26/2011 9:35 AM	9/26/2011 9:05 AM	10/25/2011 3:55 PM	10/24/2011 12:15 PM	9/26/2011 12:00 PM	10/24/2011 11:15 AM	9/26/2011 12:05 PM	9/26/2011 2:45 PM	2/20/2014 11:47 AM
	Location	SBTC0075R 021	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 046	SBTC0075R 046A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 066	SBTC0075R 066	SBTC0075R 076	SBTC0075R 080
	Sample	SBTC0075R 021S 092411G088	SBTC0075R 032S 092411G024	SBTC0075R 032D 092411G024	SBTC0075R032S092411G024-split	SBTC0075R032S092411G024-split	SBTC0075R 032S 092611G078	SBTC0075R 032D 092611G078	SBTC0075R 046S 092611G068	SBTC0075R 046AS 102511G038	SBTC0075R 056S 102411G018	SBTC0075R 056S 092611G070	SBTC0075R 066S 102411G017	SBTC0075R 066S 092611G075	SBTC0075R 076S 092611G083	SBTC0075R 080S 022014G041
	Depth	7.8 - 8.8 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	6.75 - 7.75 ft	6.75 - 7.75 ft	5.8 - 6.8 ft	2.8 - 3.8 ft	0.8 - 1.8 ft	6 - 7 ft	0.7 - 1.7 ft	6.45 - 7.45 ft	7.33 - 8.33 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	D	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Duplicate	Split	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result
Field																
Depth to Water	ft	---	---	---	---	---	---	---	**3.97**	**1.2**	**0.1**	**3.60**	**0.19**	---	---	**3.12**
Dissolved Oxygen	mg/l	---	---	---	---	---	---	---	**0.15**	**6.6**	**5.1**	**0.21**	**7.52**	---	---	**3.15**
Oxidation Reduction Potential	millivolts	---	---	---	---	---	---	---	-179.4	-132.7	-316.7	-174.7	-86.0	---	---	-33.4
pH	su	---	---	---	---	---	---	---	**7.25**	**7.11**	**6.67**	**7.26**	**7.52**	---	---	**7.07**
Specific Conductance	mS/cm	---	---	---	---	---	---	---	**0.552**	**0.491**	**0.553**	**0.603**	**0.642**	---	---	**0.597**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	---	---	---	---	---	---	---	**15.57**	**14.16**	**11.16**	**16.44**	**19.01**	---	---	**2.7**
Turbidity	ntu	---	---	---	---	---	---	---	**93.1**	0	-0.1	**1245.4**	**18.8**	---	---	**12.7**
Metals																
Arsenic	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	**23**	**22**	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0010	---
Beryllium	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	< 0.2	< 0.2	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	**440**	**380**	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	< 0.2	< 0.2	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	---	---	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---
Molybdenum	ug/l	---	---	---	< 25	< 25	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	---	---	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	**0.032**	< 0.020	**0.041**	< 0.020	---
Nickel	ug/l	---	---	---	< 2	< 2.0	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	< 0.2	< 0.2	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	< 0.0040	---	---	< 0.0040	< 0.0040	**0.016**	< 0.0040	< 0.0040	**0.032**	< 0.0040	**0.059**	< 0.0040	---
Vanadium	ug/l	---	---	---	< 2	< 2	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	< 10	< 10	---	---	---	---	---	---	---	---	---	---

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/24/2011 4:05 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/26/2011 9:35 AM	9/26/2011 9:35 AM	9/26/2011 9:05 AM	10/25/2011 3:55 PM	10/24/2011 12:15 PM	9/26/2011 12:00 PM	10/24/2011 11:15 AM	9/26/2011 12:05 PM	9/26/2011 2:45 PM	2/20/2014 11:47 AM
	Location	SBTC0075R 021	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 046	SBTC0075R 046A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 066	SBTC0075R 066	SBTC0075R 076	SBTC0075R 080
	Sample	SBTC0075R 021S 092411G088	SBTC0075R 032S 092411G024	SBTC0075R 032D 092411G024	SBTC0075R03 2S092411G02 4-split	SBTC0075R03 2S092411G02 4-split	SBTC0075R 032S 092611G078	SBTC0075R 032D 092611G078	SBTC0075R 046S 092611G068	SBTC0075R 046AS 102511G038	SBTC0075R 056S 102411G018	SBTC0075R 056S 092611G070	SBTC0075R 066S 102411G017	SBTC0075R 066S 092611G075	SBTC0075R 076S 092611G083	SBTC0075R 080S 022014G041
	Depth	7.8 - 8.8 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	6.75 - 7.75 ft	6.75 - 7.75 ft	5.8 - 6.8 ft	2.8 - 3.8 ft	0.8 - 1.8 ft	6 - 7 ft	0.7 - 1.7 ft	6.45 - 7.45 ft	7.33 - 8.33 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	D	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Duplicate	Split	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result
PNA																
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	---	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---
TPH																
Diesel Range Organics (C10-C20)	mg/l	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	< 100	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	< 0.20	---	---	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	< 100	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	< 510	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	---	---	---	---	---	---	---	< 5.0	< 5.0	---	< 5.0	---	---	< 5.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/24/2011 4:05 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/26/2011 9:35 AM	9/26/2011 9:35 AM	9/26/2011 9:05 AM	10/25/2011 3:55 PM	10/24/2011 12:15 PM	9/26/2011 12:00 PM	10/24/2011 11:15 AM	9/26/2011 12:05 PM	9/26/2011 2:45 PM	2/20/2014 11:47 AM
	Location	SBTC0075R 021	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 046	SBTC0075R 046A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 066	SBTC0075R 066	SBTC0075R 076	SBTC0075R 080
	Sample	SBTC0075R 021S 092411G088	SBTC0075R 032S 092411G024	SBTC0075R 032D 092411G024	SBTC0075R032S092411G024-split	SBTC0075R032S092411G024-split	SBTC0075R 032S 092611G078	SBTC0075R 032D 092611G078	SBTC0075R 046S 092611G068	SBTC0075R 046AS 102511G038	SBTC0075R 056S 102411G018	SBTC0075R 056S 092611G070	SBTC0075R 066S 102411G017	SBTC0075R 066S 092611G075	SBTC0075R 076S 092611G083	SBTC0075R 080S 022014G041
	Depth	7.8 - 8.8 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	6.75 - 7.75 ft	6.75 - 7.75 ft	5.8 - 6.8 ft	2.8 - 3.8 ft	0.8 - 1.8 ft	6 - 7 ft	0.7 - 1.7 ft	6.45 - 7.45 ft	7.33 - 8.33 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	D	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Duplicate	Split	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	---	---	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 1.0
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 5.0
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	---	---	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/24/2011 4:05 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/24/2011 3:45 PM	9/26/2011 9:35 AM	9/26/2011 9:35 AM	9/26/2011 9:05 AM	10/25/2011 3:55 PM	10/24/2011 12:15 PM	9/26/2011 12:00 PM	10/24/2011 11:15 AM	9/26/2011 12:05 PM	9/26/2011 2:45 PM	2/20/2014 11:47 AM
	Location	SBTC0075R 021	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 032	SBTC0075R 046	SBTC0075R 046A	SBTC0075R 056	SBTC0075R 056	SBTC0075R 066	SBTC0075R 066	SBTC0075R 076	SBTC0075R 080
	Sample	SBTC0075R 021S 092411G088	SBTC0075R 032S 092411G024	SBTC0075R 032D 092411G024	SBTC0075R03 2S092411G02 4-split	SBTC0075R03 2S092411G02 4-split	SBTC0075R 032S 092611G078	SBTC0075R 032D 092611G078	SBTC0075R 046S 092611G068	SBTC0075R 046AS 102511G038	SBTC0075R 056S 102411G018	SBTC0075R 056S 092611G070	SBTC0075R 066S 102411G017	SBTC0075R 066S 092611G075	SBTC0075R 076S 092611G083	SBTC0075R 080S 022014G041
	Depth	7.8 - 8.8 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	1.4 - 2.4 ft	6.75 - 7.75 ft	6.75 - 7.75 ft	5.8 - 6.8 ft	2.8 - 3.8 ft	0.8 - 1.8 ft	6 - 7 ft	0.7 - 1.7 ft	6.45 - 7.45 ft	7.33 - 8.33 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	D	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Duplicate	Split	Split	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	---	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	---	---	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---

	Date / Time Collected	9/26/2011 2:40 PM	10/24/2011 4:20 PM	9/26/2011 4:25 PM	1/16/2014 12:10 PM	1/17/2014 10:55 AM	2/11/2014 4:20 PM	2/12/2014 12:15 PM	2/12/2014 12:05 PM	2/11/2014 2:45 PM	2/20/2014 3:05 PM	2/11/2014 2:50 PM	2/24/2014 10:25 AM	2/24/2014 10:25 AM
	Location	SBTC0075R 086	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 501	SBTC0075R 503	SBTC0075R 504	SBTC0075R 506	SBTC0075R 508	SBTC0075R 516	SBTC0075R 517	SBTC0075R 518	SBTC0075R 060	SBTC0075R 060
	Sample	SBTC0075R 086S 092611G076	SBTC0075R 086AS 102411G017	SBTC0075R 086AS 092611G073	SBTC0075R 501S 011614G038	SBTC0075R 503S 011714G039	SBTC0075R 504S 021114G042	SBTC0075R 506S 021214G039	SBTC0075R 508S 021214G041	SBTC0075R 516S 021114G041	SBTC0075R 517S 022014G037	SBTC0075R 518S 021114G040	SBTC0075R 060S 022414G043	SBTC0075R 060D 022414G043
	Depth	6.6 - 7.6 ft	0.7 - 1.7 ft	6.3 - 7.3 ft	0.5 - 3.79 ft	0.5 - 3.85 ft	0.5 - 4.2 ft	0.5 - 3.85 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 3.73 ft	0.5 - 4 ft	0.5 - 4.28 ft	0.5 - 4.28 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
Field														
Depth to Water	ft	**0.02**	0	**2.87**	**0.19**	**1.85**	**0.38**	**3.73**	**2.75**	**0.51**	**2.48**	**2.01**	**2.18**	**2.18**
Dissolved Oxygen	mg/l	**0.48**	**0.21**	**0.29**	**0.32**	**0.20**	**0.23**	**0.38**	**2.42**	**0.45**	**0.28**	**0.22**	---	---
Oxidation Reduction Potential	millivolts	-147.3	-101.1	-132.4	-110.3	-128.0	-66.5	-24.1	-69.5	-88.9	**245.8**	-105.5	**262.0**	**262.0**
pH	su	**6.98**	**7.24**	**6.99**	**6.98**	**7.26**	**7.15**	**6.76**	**7.26**	**6.95**	**7.22**	**7.31**	**7.05**	**7.05**
Specific Conductance	mS/cm	**0.573**	**0.663**	**0.572**	**0.713**	**0.568**	**0.621**	**0.414**	**0.556**	**0.555**	**0.717**	**0.641**	**0.666**	**0.666**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**14.36**	**14.26**	**16.03**	**5.8**	**5.9**	**2.1**	**2.7**	**2.6**	**1.8**	**2.2**	**7.2**	**1.3**	**1.3**
Turbidity	ntu	**340.6**	**21.9**	**276.0**	**1.41**	**5.28**	**10.5**	**0.84**	**25.3**	**2.62**	**7.05**	**0.62**	**5.99**	**5.99**
Metals														
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.0050	---	---	---
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	**0.026**	< 0.020	**0.021**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	---	---	---
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	**0.088**	**0.0040**	**0.063**	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	---	---	---	---
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/26/2011 2:40 PM	10/24/2011 4:20 PM	9/26/2011 4:25 PM	1/16/2014 12:10 PM	1/17/2014 10:55 AM	2/11/2014 4:20 PM	2/12/2014 12:15 PM	2/12/2014 12:05 PM	2/11/2014 2:45 PM	2/20/2014 3:05 PM	2/11/2014 2:50 PM	2/24/2014 10:25 AM	2/24/2014 10:25 AM
	Location	SBTC0075R 086	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 501	SBTC0075R 503	SBTC0075R 504	SBTC0075R 506	SBTC0075R 508	SBTC0075R 516	SBTC0075R 517	SBTC0075R 518	SBTC0075R 060	SBTC0075R 060
	Sample	SBTC0075R 086S 092611G076	SBTC0075R 086AS 102411G017	SBTC0075R 086AS 092611G073	SBTC0075R 501S 011614G038	SBTC0075R 503S 011714G039	SBTC0075R 504S 021114G042	SBTC0075R 506S 021214G039	SBTC0075R 508S 021214G041	SBTC0075R 516S 021114G041	SBTC0075R 517S 022014G037	SBTC0075R 518S 021114G040	SBTC0075R 060S 022414G043	SBTC0075R 060D 022414G043
	Depth	6.6 - 7.6 ft	0.7 - 1.7 ft	6.3 - 7.3 ft	0.5 - 3.79 ft	0.5 - 3.85 ft	0.5 - 4.2 ft	0.5 - 3.85 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 3.73 ft	0.5 - 4 ft	0.5 - 4.28 ft	0.5 - 4.28 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
PNA														
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---
TPH														
Diesel Range Organics (C10-C20)	mg/l	< 0.10	< 0.10	< 0.10	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	< 0.20	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	< 0.10	< 0.10	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0

	Date / Time Collected	9/26/2011 2:40 PM	10/24/2011 4:20 PM	9/26/2011 4:25 PM	1/16/2014 12:10 PM	1/17/2014 10:55 AM	2/11/2014 4:20 PM	2/12/2014 12:15 PM	2/12/2014 12:05 PM	2/11/2014 2:45 PM	2/20/2014 3:05 PM	2/11/2014 2:50 PM	2/24/2014 10:25 AM	2/24/2014 10:25 AM
	Location	SBTC0075R 086	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 501	SBTC0075R 503	SBTC0075R 504	SBTC0075R 506	SBTC0075R 508	SBTC0075R 516	SBTC0075R 517	SBTC0075R 518	SBTC0075R 060	SBTC0075R 060
	Sample	SBTC0075R 086S 092611G076	SBTC0075R 086AS 102411G017	SBTC0075R 086AS 092611G073	SBTC0075R 501S 011614G038	SBTC0075R 503S 011714G039	SBTC0075R 504S 021114G042	SBTC0075R 506S 021214G039	SBTC0075R 508S 021214G041	SBTC0075R 516S 021114G041	SBTC0075R 517S 022014G037	SBTC0075R 518S 021114G040	SBTC0075R 060S 022414G043	SBTC0075R 060D 022414G043
	Depth	6.6 - 7.6 ft	0.7 - 1.7 ft	6.3 - 7.3 ft	0.5 - 3.79 ft	0.5 - 3.85 ft	0.5 - 4.2 ft	0.5 - 3.85 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 3.73 ft	0.5 - 4 ft	0.5 - 4.28 ft	0.5 - 4.28 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---	< 10	< 10	< 10

	Date / Time Collected	9/26/2011 2:40 PM	10/24/2011 4:20 PM	9/26/2011 4:25 PM	1/16/2014 12:10 PM	1/17/2014 10:55 AM	2/11/2014 4:20 PM	2/12/2014 12:15 PM	2/12/2014 12:05 PM	2/11/2014 2:45 PM	2/20/2014 3:05 PM	2/11/2014 2:50 PM	2/24/2014 10:25 AM	2/24/2014 10:25 AM
	Location	SBTC0075R 086	SBTC0075R 086A	SBTC0075R 086A	SBTC0075R 501	SBTC0075R 503	SBTC0075R 504	SBTC0075R 506	SBTC0075R 508	SBTC0075R 516	SBTC0075R 517	SBTC0075R 518	SBTC0075R 060	SBTC0075R 060
	Sample	SBTC0075R 086S 092611G076	SBTC0075R 086AS 102411G017	SBTC0075R 086AS 092611G073	SBTC0075R 501S 011614G038	SBTC0075R 503S 011714G039	SBTC0075R 504S 021114G042	SBTC0075R 506S 021214G039	SBTC0075R 508S 021214G041	SBTC0075R 516S 021114G041	SBTC0075R 517S 022014G037	SBTC0075R 518S 021114G040	SBTC0075R 060S 022414G043	SBTC0075R 060D 022414G043
	Depth	6.6 - 7.6 ft	0.7 - 1.7 ft	6.3 - 7.3 ft	0.5 - 3.79 ft	0.5 - 3.85 ft	0.5 - 4.2 ft	0.5 - 3.85 ft	0.5 - 4.05 ft	0.5 - 4.14 ft	0.5 - 3.73 ft	0.5 - 4 ft	0.5 - 4.28 ft	0.5 - 4.28 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0

	Date / Time Collected	10/25/2011 10:50 AM	10/25/2011 10:50 AM	10/25/2011 10:50 AM	9/23/2011 4:40 PM	9/23/2011 4:40 PM	10/25/2011 1:50 PM	9/24/2011 2:12 PM	9/24/2011 2:12 PM	10/25/2011 4:26 PM	9/26/2011 11:10 AM	9/26/2011 1:45 PM	2/20/2014 3:25 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM
	Location	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 010	SBTC0100L 010	SBTC0100L 010	SBTC0100L 020	SBTC0100L 020	SBTC0100L 030	SBTC0100L 034	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040
	Sample	SBTC0100L 002S 102511G036	SBTC0100L002S102511G036-split	SBTC0100L002S102511G036-split	SBTC0100L 002S 092311G088	SBTC0100L 002D 092311G088	SBTC0100L 010S 102511G029	SBTC0100L 010S 092411G082	SBTC0100L 010D 092411G082	SBTC0100L 020S 102511G023	SBTC0100L 020S 092611G085	SBTC0100L 030S 092611G085	SBTC0100L 034S 022014G048	SBTC0100L 040S 092611G085	SBTC0100L040S092611G085-split	SBTC0100L040S092611G085-split
	Depth	2.6 - 3.6 ft	2.6 - 3.6 ft	2.6 - 3.6 ft	7.8 - 8.8 ft	7.8 - 8.8 ft	1.9 - 2.9 ft	7.2 - 8.2 ft	7.2 - 8.2 ft	1.3 - 2.3 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	0.5 - 4.82 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	7.5 - 8.5 ft
	Dissolved / Total	T	D	T	T	T	T	T	T	T	T	T	T	T	D	T
Analyte	Units	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Split
Field																
Depth to Water	ft	**1.21**	---	---	---	---	**0.10**	---	---	**0.93**	**1.77**	**1.15**	**2.02**	**1.38**	---	---
Dissolved Oxygen	mg/l	**0.65**	---	---	---	---	**2.22**	---	---	**0.63**	**0.24**	**0.28**	**0.43**	**0.18**	---	---
Oxidation Reduction Potential	millivolts	-101.5	---	---	---	---	-32.7	---	---	-119.1	-109.3	-126.6	-79.2	-116.0	---	---
pH	su	**6.8**	---	---	---	---	**7.21**	---	---	**6.84**	**7.28**	**7.32**	**7.3**	**7.15**	---	---
Specific Conductance	mS/cm	**0.632**	---	---	---	---	**0.453**	---	---	**0.488**	**0.384**	**0.431**	**0.54**	**0.443**	---	---
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**9.65**	---	---	---	---	**18.82**	---	---	**12.07**	**14.15**	**14.50**	**1.2**	**13.87**	---	---
Turbidity	ntu	**2.7**	---	---	---	---	**5.7**	---	---	**6.6**	**75.5**	**8.7**	**22.6**	-0.6	---	---
Metals																
Arsenic	ug/l	---	< 1	**1.0**	---	---	---	---	---	---	---	---	---	---	**2.8**	**3.1**
Barium	ug/l	---	**97**	**97**	---	---	---	---	---	---	---	---	---	---	**150**	**150**
Beryllium	mg/l	< 0.0010	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	< 0.0010	---	---
Beryllium	ug/l	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---	< 1	< 1
Cadmium	ug/l	---	< 0.2	< 0.2	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2
Chromium (Total)	ug/l	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---	< 1	< 1
Copper	ug/l	---	< 1	**8.3**	---	---	---	---	---	---	---	---	---	---	< 1	< 1
Iron	ug/l	---	**1500**	**1500**	---	---	---	---	---	---	---	---	---	---	**3300**	**3600**
Lead	ug/l	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---	< 1	< 1
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2
Molybdenum	mg/l	< 0.050	---	---	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---	< 0.050	---	---
Molybdenum	ug/l	---	< 25	< 25	---	---	---	---	---	---	---	---	---	---	< 25	< 25
Nickel	mg/l	< 0.020	---	---	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	**0.047**	---	< 0.020	---	---
Nickel	ug/l	---	< 2	< 2.0	---	---	---	---	---	---	---	---	---	---	< 2	**2.3**
Selenium	ug/l	---	< 1	< 1	---	---	---	---	---	---	---	---	---	---	< 1	< 1
Silver	ug/l	---	< 0.2	< 0.2	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2
Vanadium	mg/l	< 0.0040	---	---	**0.0079**	< 0.0040	< 0.0040	< 0.0040	**0.0048**	< 0.0040	**0.0056**	**0.011**	---	< 0.0040	---	---
Vanadium	ug/l	---	< 2	< 2	---	---	---	---	---	---	---	---	---	---	< 2	< 2
Zinc	ug/l	---	< 10	< 10	---	---	---	---	---	---	---	---	---	---	**11**	< 10

	Date / Time Collected	10/25/2011 10:50 AM	10/25/2011 10:50 AM	10/25/2011 10:50 AM	9/23/2011 4:40 PM	9/23/2011 4:40 PM	10/25/2011 1:50 PM	9/24/2011 2:12 PM	9/24/2011 2:12 PM	10/25/2011 4:26 PM	9/26/2011 11:10 AM	9/26/2011 1:45 PM	2/20/2014 3:25 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM
	Location	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 010	SBTC0100L 010	SBTC0100L 010	SBTC0100L 020	SBTC0100L 020	SBTC0100L 030	SBTC0100L 034	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040
	Sample	SBTC0100L 002S 102511G036	SBTC0100L002S102511G036-split	SBTC0100L002S102511G036-split	SBTC0100L 002S 092311G088	SBTC0100L 002D 092311G088	SBTC0100L 010S 102511G029	SBTC0100L 010S 092411G082	SBTC0100L 010D 092411G082	SBTC0100L 020S 102511G023	SBTC0100L 020S 092611G085	SBTC0100L 030S 092611G085	SBTC0100L 034S 022014G048	SBTC0100L 040S 092611G085	SBTC0100L040S092611G085-split	SBTC0100L040S092611G085-split
	Depth	2.6 - 3.6 ft	2.6 - 3.6 ft	2.6 - 3.6 ft	7.8 - 8.8 ft	7.8 - 8.8 ft	1.9 - 2.9 ft	7.2 - 8.2 ft	7.2 - 8.2 ft	1.3 - 2.3 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	0.5 - 4.82 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	7.5 - 8.5 ft
	Dissolved / Total	T	D	T	T	T	T	T	T	T	T	T	T	T	D	T
Analyte	Units	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Split
PNA																
2-Methylnaphthalene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.2
Acenaphthene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Acenaphthylene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Anthracene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Benzo(a)anthracene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Chrysene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	< 2.1
Fluoranthene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Fluorene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	< 2.1
Naphthalene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Phenanthrene	ug/l	< 2.0	---	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	< 1.0
Pyrene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
TPH																
Diesel Range Organics (C10-C20)	mg/l	< 0.10	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	< 0.10	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	< 100	---	---	---	---	---	---	---	---	---	---	---	< 110
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	---	---	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	---	< 0.20	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	< 100	---	---	---	---	---	---	---	---	---	---	---	< 100
Oil Range Organics (C20-C34)	mg/l	< 0.10	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	< 0.10	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	< 510	---	---	---	---	---	---	---	---	---	---	---	< 530
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	---
1,1,2-Trichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	---	< 1.0	---	---	< 5.0	---	---	< 5.0	---	---	---	---	---	< 1.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	10/25/2011 10:50 AM	10/25/2011 10:50 AM	10/25/2011 10:50 AM	9/23/2011 4:40 PM	9/23/2011 4:40 PM	10/25/2011 1:50 PM	9/24/2011 2:12 PM	9/24/2011 2:12 PM	10/25/2011 4:26 PM	9/26/2011 11:10 AM	9/26/2011 1:45 PM	2/20/2014 3:25 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM
	Location	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 010	SBTC0100L 010	SBTC0100L 010	SBTC0100L 020	SBTC0100L 020	SBTC0100L 030	SBTC0100L 034	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040
	Sample	SBTC0100L 002S 102511G036	SBTC0100L002S102511G036-split	SBTC0100L002S102511G036-split	SBTC0100L 002S 092311G088	SBTC0100L 002D 092311G088	SBTC0100L 010S 102511G029	SBTC0100L 010S 092411G082	SBTC0100L 010D 092411G082	SBTC0100L 020S 102511G023	SBTC0100L 020S 092611G085	SBTC0100L 030S 092611G085	SBTC0100L 034S 022014G048	SBTC0100L 040S 092611G085	SBTC0100L040S092611G085-split	SBTC0100L040S092611G085-split
	Depth	2.6 - 3.6 ft	2.6 - 3.6 ft	2.6 - 3.6 ft	7.8 - 8.8 ft	7.8 - 8.8 ft	1.9 - 2.9 ft	7.2 - 8.2 ft	7.2 - 8.2 ft	1.3 - 2.3 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	0.5 - 4.82 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	7.5 - 8.5 ft
	Dissolved / Total	T	D	T	T	T	T	T	T	T	T	T	T	T	D	T
Analyte	Units	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Split
1,2,4-Trichlorobenzene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 5.0
1,4-Dichlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
2-Butanone (MEK)	ug/l	< 25	---	< 5.0	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	< 25	---	< 5.0
2-Hexanone	ug/l	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	---	< 5.0
2-Methylnaphthalene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	---	< 5.0
Acetone	ug/l	< 50	---	< 20	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	---	< 20
Acrylonitrile	ug/l	< 2.0	---	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	< 5.0
Benzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Bromobenzene	ug/l	---	---	< 1.0	---	---	---	---	---	---	---	---	---	---	---	< 1.0
Bromochloromethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Bromodichloromethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Bromoform	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Bromomethane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Carbon disulfide	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Carbon tetrachloride	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Chlorobenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Chloroethane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Chloroform	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Chloromethane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Cyclohexane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Dibromochloromethane	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Dibromochloropropane	ug/l	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 5.0
Dibromomethane	ug/l	---	---	< 1.0	---	---	---	---	---	---	---	---	---	---	---	< 1.0
Dichlorodifluoromethane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Diethyl ether	ug/l	< 10	---	< 5.0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---	< 10	---	< 5.0

	Date / Time Collected	10/25/2011 10:50 AM	10/25/2011 10:50 AM	10/25/2011 10:50 AM	9/23/2011 4:40 PM	9/23/2011 4:40 PM	10/25/2011 1:50 PM	9/24/2011 2:12 PM	9/24/2011 2:12 PM	10/25/2011 4:26 PM	9/26/2011 11:10 AM	9/26/2011 1:45 PM	2/20/2014 3:25 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM	9/26/2011 3:00 PM
	Location	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 002	SBTC0100L 010	SBTC0100L 010	SBTC0100L 010	SBTC0100L 020	SBTC0100L 020	SBTC0100L 030	SBTC0100L 034	SBTC0100L 040	SBTC0100L 040	SBTC0100L 040
	Sample	SBTC0100L 002S 102511G036	SBTC0100L002S102511G036-split	SBTC0100L002S102511G036-split	SBTC0100L 002S 092311G088	SBTC0100L 002D 092311G088	SBTC0100L 010S 102511G029	SBTC0100L 010S 092411G082	SBTC0100L 010D 092411G082	SBTC0100L 020S 102511G023	SBTC0100L 020S 092611G085	SBTC0100L 030S 092611G085	SBTC0100L 034S 022014G048	SBTC0100L 040S 092611G085	SBTC0100L040S092611G085-split	SBTC0100L040S092611G085-split
	Depth	2.6 - 3.6 ft	2.6 - 3.6 ft	2.6 - 3.6 ft	7.8 - 8.8 ft	7.8 - 8.8 ft	1.9 - 2.9 ft	7.2 - 8.2 ft	7.2 - 8.2 ft	1.3 - 2.3 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	0.5 - 4.82 ft	7.5 - 8.5 ft	7.5 - 8.5 ft	7.5 - 8.5 ft
	Dissolved / Total	T	D	T	T	T	T	T	T	T	T	T	T	T	D	T
Analyte	Units	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result	Result	Result	Result	Result	Split	Split
Di-isopropyl ether (DIPE)	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Ethylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Ethylene dibromide	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Hexachloroethane	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Isopropyl benzene	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
m&p-Xylene	ug/l	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	< 2.0
Methyl Iodide	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Methylene chloride	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
Naphthalene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
n-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
n-Propylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
o-Xylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 1.0
sec-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Styrene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	---	< 5.0
t-Butyl alcohol	ug/l	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	---	< 50
t-Butylbenzene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Tetrachloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Tetrahydrofuran	ug/l	< 90	---	< 5.0	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---	< 90	---	< 5.0
Toluene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Trichloroethylene	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Vinyl chloride	ug/l	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	---	< 1.0
Xylenes	ug/l	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	---	---

	Date / Time Collected	9/28/2011 8:05 AM	9/28/2011 8:40 AM	10/24/2011 4:35 PM	9/28/2011 9:55 AM	9/27/2011 11:45 AM	10/24/2011 2:58 PM	10/24/2011 2:45 PM	9/27/2011 12:00 PM	10/24/2011 11:40 AM	9/27/2011 2:10 PM	2/19/2014 2:55 PM	2/19/2014 3:00 PM	2/19/2014 11:45 AM	2/5/2014 4:15 PM
	Location	SBTC0100L 050	SBTC0100L 060	SBTC0100L 070	SBTC0100L 070	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 090	SBTC0100L 090	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507	SBTC0100L 508	SBTC0100L 509
	Sample	SBTC0100L 050S 092811G092	SBTC0100L 060S 092811G092	SBTC0100L 070S 102411G032	SBTC0100L 070S 092811G087	SBTC0100L 080S 092711G091	SBTC0100L 080AS 102411G019	SBTC0100L 090S 102411G014	SBTC0100L 090S 092711G081	SBTC0100L 100S 102411G035	SBTC0100L 100S 092711G083	SBTC0100L 506S 021914G040	SBTC0100L 507S 021914G041	SBTC0100L 508S 021914G032	SBTC0100L 509S 020514G045
	Depth	8.2 - 9.2 ft	8.2 - 9.2 ft	2.2 - 3.2 ft	7.7 - 8.7 ft	8.1 - 9.1 ft	0.9 - 1.9 ft	0.4 - 1.4 ft	7.1 - 8.1 ft	2.5 - 3.5 ft	7.3 - 8.3 ft	0.5 - 4 ft	0.5 - 4.09 ft	0.5 - 3.19 ft	0.5 - 4.45 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field															
Depth to Water	ft	---	---	**0.20**	---	**0.95**	**0.16**	-0.18	**0.52**	-0.20	-0.30	**2.98**	**1.43**	**3.89**	**4.8**
Dissolved Oxygen	mg/l	---	---	**0.76**	---	**0.98**	**6.35**	**0.814**	**0.21**	**999.99**	**0.13**	**9.89**	**0.14**	**9.06**	**3.36**
Oxidation Reduction Potential	millivolts	---	---	-209.4	---	-85.2	-217.1	**214.2**	-99.8	-143.3	-103.3	-1.3	-85.6	-11.2	-82.0
pH	su	---	---	**6.51**	---	**6.81**	**6.96**	**6.93**	**7.22**	**6.43**	**7.15**	**7.8**	**7.31**	**7.08**	**6.95**
Specific Conductance	mS/cm	---	---	**0.919**	---	**0.385**	**0.584**	**1.106**	**0.802**	-9999	**0.722**	**1.01**	**0.94**	**1.03**	**0.655**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	---	---	**13.26**	---	**11.58**	**12.64**	**11.17**	**12.06**	**11.69**	**13.36**	**1.8**	**8.3**	**3.7**	**3.6**
Turbidity	ntu	---	---	**2.7**	---	**27.6**	**4.8**	**5.0**	**63.6**	-2.9	**160.2**	**7.92**	**0.50**	**13.2**	**11.8**
Metals															
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	**0.0041**	< 0.0040	**0.0052**	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date / Time Collected	9/28/2011 8:05 AM	9/28/2011 8:40 AM	10/24/2011 4:35 PM	9/28/2011 9:55 AM	9/27/2011 11:45 AM	10/24/2011 2:58 PM	10/24/2011 2:45 PM	9/27/2011 12:00 PM	10/24/2011 11:40 AM	9/27/2011 2:10 PM	2/19/2014 2:55 PM	2/19/2014 3:00 PM	2/19/2014 11:45 AM	2/5/2014 4:15 PM
	Location	SBTC0100L 050	SBTC0100L 060	SBTC0100L 070	SBTC0100L 070	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 090	SBTC0100L 090	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507	SBTC0100L 508	SBTC0100L 509
	Sample	SBTC0100L 050S 092811G092	SBTC0100L 060S 092811G092	SBTC0100L 070S 102411G032	SBTC0100L 070S 092811G087	SBTC0100L 080S 092711G091	SBTC0100L 080AS 102411G019	SBTC0100L 090S 102411G014	SBTC0100L 090S 092711G081	SBTC0100L 100S 102411G035	SBTC0100L 100S 092711G083	SBTC0100L 506S 021914G040	SBTC0100L 507S 021914G041	SBTC0100L 508S 021914G032	SBTC0100L 509S 020514G045
	Depth	8.2 - 9.2 ft	8.2 - 9.2 ft	2.2 - 3.2 ft	7.7 - 8.7 ft	8.1 - 9.1 ft	0.9 - 1.9 ft	0.4 - 1.4 ft	7.1 - 8.1 ft	2.5 - 3.5 ft	7.3 - 8.3 ft	0.5 - 4 ft	0.5 - 4.09 ft	0.5 - 3.19 ft	0.5 - 4.45 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PNA															
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
TPH															
Diesel Range Organics (C10-C20)	mg/l	< 0.10	**0.11**	< 0.10	**0.13**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	**0.12**	< 0.10	**0.14**	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	---	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0

	Date / Time Collected	9/28/2011 8:05 AM	9/28/2011 8:40 AM	10/24/2011 4:35 PM	9/28/2011 9:55 AM	9/27/2011 11:45 AM	10/24/2011 2:58 PM	10/24/2011 2:45 PM	9/27/2011 12:00 PM	10/24/2011 11:40 AM	9/27/2011 2:10 PM	2/19/2014 2:55 PM	2/19/2014 3:00 PM	2/19/2014 11:45 AM	2/5/2014 4:15 PM
	Location	SBTC0100L 050	SBTC0100L 060	SBTC0100L 070	SBTC0100L 070	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 090	SBTC0100L 090	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507	SBTC0100L 508	SBTC0100L 509
	Sample	SBTC0100L 050S 092811G092	SBTC0100L 060S 092811G092	SBTC0100L 070S 102411G032	SBTC0100L 070S 092811G087	SBTC0100L 080S 092711G091	SBTC0100L 080AS 102411G019	SBTC0100L 090S 102411G014	SBTC0100L 090S 092711G081	SBTC0100L 100S 102411G035	SBTC0100L 100S 092711G083	SBTC0100L 506S 021914G040	SBTC0100L 507S 021914G041	SBTC0100L 508S 021914G032	SBTC0100L 509S 020514G045
	Depth	8.2 - 9.2 ft	8.2 - 9.2 ft	2.2 - 3.2 ft	7.7 - 8.7 ft	8.1 - 9.1 ft	0.9 - 1.9 ft	0.4 - 1.4 ft	7.1 - 8.1 ft	2.5 - 3.5 ft	7.3 - 8.3 ft	0.5 - 4 ft	0.5 - 4.09 ft	0.5 - 3.19 ft	0.5 - 4.45 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	---	---	---	---	---	---	---	< 1.0	< 1.0	< 1.0	---
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	---	---	---	---	---	---	---	< 5.0	< 5.0	< 5.0	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

	Date / Time Collected	9/28/2011 8:05 AM	9/28/2011 8:40 AM	10/24/2011 4:35 PM	9/28/2011 9:55 AM	9/27/2011 11:45 AM	10/24/2011 2:58 PM	10/24/2011 2:45 PM	9/27/2011 12:00 PM	10/24/2011 11:40 AM	9/27/2011 2:10 PM	2/19/2014 2:55 PM	2/19/2014 3:00 PM	2/19/2014 11:45 AM	2/5/2014 4:15 PM
	Location	SBTC0100L 050	SBTC0100L 060	SBTC0100L 070	SBTC0100L 070	SBTC0100L 080	SBTC0100L 080A	SBTC0100L 090	SBTC0100L 090	SBTC0100L 100	SBTC0100L 100	SBTC0100L 506	SBTC0100L 507	SBTC0100L 508	SBTC0100L 509
	Sample	SBTC0100L 050S 092811G092	SBTC0100L 060S 092811G092	SBTC0100L 070S 102411G032	SBTC0100L 070S 092811G087	SBTC0100L 080S 092711G091	SBTC0100L 080AS 102411G019	SBTC0100L 090S 102411G014	SBTC0100L 090S 092711G081	SBTC0100L 100S 102411G035	SBTC0100L 100S 092711G083	SBTC0100L 506S 021914G040	SBTC0100L 507S 021914G041	SBTC0100L 508S 021914G032	SBTC0100L 509S 020514G045
	Depth	8.2 - 9.2 ft	8.2 - 9.2 ft	2.2 - 3.2 ft	7.7 - 8.7 ft	8.1 - 9.1 ft	0.9 - 1.9 ft	0.4 - 1.4 ft	7.1 - 8.1 ft	2.5 - 3.5 ft	7.3 - 8.3 ft	0.5 - 4 ft	0.5 - 4.09 ft	0.5 - 3.19 ft	0.5 - 4.45 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	< 2.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	2/21/2014 10:30 AM	2/21/2014 10:30 AM	2/13/2014 3:10 PM	2/21/2014 9:10 AM	2/21/2014 10:40 AM	2/4/2014 11:05 AM	10/25/2011 3:05 PM	9/26/2011 5:35 PM	10/26/2011 11:35 AM	9/27/2011 9:10 AM	2/20/2014 11:40 AM	9/28/2011 11:57 AM	9/27/2011 4:50 PM
	Location	SBTC0100L 510	SBTC0100L 510	SBTC0100L 513	SBTC0100L 514	SBTC0100L 516	SBTC0100L501	SBTC0100R 011	SBTC0100R 011	SBTC0100R 021	SBTC0100R 021	SBTC0100R 025	SBTC0100R 027	SBTC0100R 037B
	Sample	SBTC0100L 510S 022114G043	SBTC0100L 510D 022114G043	SBTC0100L 513S 021314G042	SBTC0100L 514S 022114G056	SBTC0100L 516S 022114G081	SBTC0100L 501S 020414G042	SBTC0100R 011S 102511G015	SBTC0100R 011S 092611G085	SBTC0100R 021S 102611G038	SBTC0100R 021S 092711G080	SBTC0100R 025S 022014G046	SBTC0100R 027S 092811G087	SBTC0100R 037BS 092711G082
	Depth	0.5 - 4.29 ft	0.5 - 4.29 ft	0.5 - 4.17 ft	4.5 - 5.6 ft	4.5 - 8.12 ft	0.5 - 4.22 ft	0.5 - 1.5 ft	7.45 - 8.45 ft	2.8 - 3.8 ft	7 - 8 ft	0.5 - 4.56 ft	7.7 - 8.7 ft	7.2 - 8.2 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field														
Depth to Water	ft	**0.09**	**0.09**	**1.83**	**2.10**	**3.25**	**2.65**	**4.7**	---	**0.44**	**2.28**	**3.01**	**1.94**	**0.45**
Dissolved Oxygen	mg/l	---	---	**0.28**	---	---	**0.42**	**2.86**	---	**0.27**	**1.21**	**2.24**	**9.58**	**0.23**
Oxidation Reduction Potential	millivolts	**264.1**	**264.1**	-83.0	**225.6**	-93.9	-116.8	-86.0	---	-70.7	-154.8	-41.5	**67.3**	-102.0
pH	su	**7.02**	**7.02**	**7.37**	**7.8**	**7.37**	**7.05**	**6.83**	---	**6.87**	**7.34**	**6.13**	**7.68**	**7.16**
Specific Conductance	mS/cm	**0.654**	**0.654**	**0.92**	**0.562**	**0.532**	**0.622**	**0.622**	---	**0.692**	**0.459**	**0.614**	**0.003**	**0.782**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**0.9**	**0.9**	**7.1**	**4.2**	**6.1**	**1.6**	**18.61**	---	**11.46**	**11.79**	**1.8**	**16.35**	**14.46**
Turbidity	ntu	**4.01**	**4.01**	**3.19**	**548**	**13.4**	**3.15**	**132.2**	---	**1.92**	**103.6**	**6.61**	**22.7**	-7.7
Metals														
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	---	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	< 0.0010	< 0.0010
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	---	---	---	---	---	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---	< 0.050	< 0.050
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	---	---	---	---	---	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	< 0.020	< 0.020
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	---	---	---	---	< 0.0050	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	---	**0.015**	**0.0051**
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date / Time Collected	2/21/2014 10:30 AM	2/21/2014 10:30 AM	2/13/2014 3:10 PM	2/21/2014 9:10 AM	2/21/2014 10:40 AM	2/4/2014 11:05 AM	10/25/2011 3:05 PM	9/26/2011 5:35 PM	10/26/2011 11:35 AM	9/27/2011 9:10 AM	2/20/2014 11:40 AM	9/28/2011 11:57 AM	9/27/2011 4:50 PM
	Location	SBTC0100L 510	SBTC0100L 510	SBTC0100L 513	SBTC0100L 514	SBTC0100L 516	SBTC0100L501	SBTC0100R 011	SBTC0100R 011	SBTC0100R 021	SBTC0100R 021	SBTC0100R 025	SBTC0100R 027	SBTC0100R 037B
	Sample	SBTC0100L 510S 022114G043	SBTC0100L 510D 022114G043	SBTC0100L 513S 021314G042	SBTC0100L 514S 022114G056	SBTC0100L 516S 022114G081	SBTC0100L 501S 020414G042	SBTC0100R 011S 102511G015	SBTC0100R 011S 092611G085	SBTC0100R 021S 102611G038	SBTC0100R 021S 092711G080	SBTC0100R 025S 022014G046	SBTC0100R 027S 092811G087	SBTC0100R 037BS 092711G082
	Depth	0.5 - 4.29 ft	0.5 - 4.29 ft	0.5 - 4.17 ft	4.5 - 5.6 ft	4.5 - 8.12 ft	0.5 - 4.22 ft	0.5 - 1.5 ft	7.45 - 8.45 ft	2.8 - 3.8 ft	7 - 8 ft	0.5 - 4.56 ft	7.7 - 8.7 ft	7.2 - 8.2 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PNA														
2-Methylnaphthalene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Acenaphthene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Acenaphthylene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Anthracene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Chrysene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	---	---	---	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0
Fluoranthene	ug/l	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Fluorene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	---	---	---	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0
Naphthalene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Phenanthrene	ug/l	---	---	---	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0
Pyrene	ug/l	---	---	---	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
TPH														
Diesel Range Organics (C10-C20)	mg/l	---	---	---	---	---	---	< 0.10	< 0.10	< 0.10	< 0.10	---	< 0.10	< 0.10
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	---	---	---	---	---	---	< 0.20	< 0.20	< 0.20	< 0.20	---	< 0.20	< 0.20
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	---	---	---	---	---	---	< 0.10	< 0.10	< 0.10	< 0.10	---	< 0.10	< 0.10
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC														
1,1,1,2-Tetrachloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	---	< 5.0	---	---	---	---

	Date / Time Collected	2/21/2014 10:30 AM	2/21/2014 10:30 AM	2/13/2014 3:10 PM	2/21/2014 9:10 AM	2/21/2014 10:40 AM	2/4/2014 11:05 AM	10/25/2011 3:05 PM	9/26/2011 5:35 PM	10/26/2011 11:35 AM	9/27/2011 9:10 AM	2/20/2014 11:40 AM	9/28/2011 11:57 AM	9/27/2011 4:50 PM
	Location	SBTC0100L 510	SBTC0100L 510	SBTC0100L 513	SBTC0100L 514	SBTC0100L 516	SBTC0100L501	SBTC0100R 011	SBTC0100R 011	SBTC0100R 021	SBTC0100R 021	SBTC0100R 025	SBTC0100R 027	SBTC0100R 037B
	Sample	SBTC0100L 510S 022114G043	SBTC0100L 510D 022114G043	SBTC0100L 513S 021314G042	SBTC0100L 514S 022114G056	SBTC0100L 516S 022114G081	SBTC0100L 501S 020414G042	SBTC0100R 011S 102511G015	SBTC0100R 011S 092611G085	SBTC0100R 021S 102611G038	SBTC0100R 021S 092711G080	SBTC0100R 025S 022014G046	SBTC0100R 027S 092811G087	SBTC0100R 037BS 092711G082
	Depth	0.5 - 4.29 ft	0.5 - 4.29 ft	0.5 - 4.17 ft	4.5 - 5.6 ft	4.5 - 8.12 ft	0.5 - 4.22 ft	0.5 - 1.5 ft	7.45 - 8.45 ft	2.8 - 3.8 ft	7 - 8 ft	0.5 - 4.56 ft	7.7 - 8.7 ft	7.2 - 8.2 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	---	---	< 25	---	---	< 25	< 25	< 25	< 25	< 25	---	< 25	< 25
2-Hexanone	ug/l	---	---	< 50	---	---	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50
2-Methylnaphthalene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	---	---	< 50	---	---	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50
Acetone	ug/l	---	---	< 50	---	---	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50
Acrylonitrile	ug/l	---	---	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0
Benzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	< 1.0	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Bromodichloromethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Bromoform	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Bromomethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Carbon disulfide	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Carbon tetrachloride	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Chlorobenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Chloroethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Chloroform	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Chloromethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Cyclohexane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Dibromochloromethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Dibromochloropropane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	< 5.0	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Diethyl ether	ug/l	---	---	< 10	---	---	< 10	< 10	< 10	< 10	< 10	---	< 10	< 10

	Date / Time Collected	2/21/2014 10:30 AM	2/21/2014 10:30 AM	2/13/2014 3:10 PM	2/21/2014 9:10 AM	2/21/2014 10:40 AM	2/4/2014 11:05 AM	10/25/2011 3:05 PM	9/26/2011 5:35 PM	10/26/2011 11:35 AM	9/27/2011 9:10 AM	2/20/2014 11:40 AM	9/28/2011 11:57 AM	9/27/2011 4:50 PM
	Location	SBTC0100L 510	SBTC0100L 510	SBTC0100L 513	SBTC0100L 514	SBTC0100L 516	SBTC0100L501	SBTC0100R 011	SBTC0100R 011	SBTC0100R 021	SBTC0100R 021	SBTC0100R 025	SBTC0100R 027	SBTC0100R 037B
	Sample	SBTC0100L 510S 022114G043	SBTC0100L 510D 022114G043	SBTC0100L 513S 021314G042	SBTC0100L 514S 022114G056	SBTC0100L 516S 022114G081	SBTC0100L 501S 020414G042	SBTC0100R 011S 102511G015	SBTC0100R 011S 092611G085	SBTC0100R 021S 102611G038	SBTC0100R 021S 092711G080	SBTC0100R 025S 022014G046	SBTC0100R 027S 092811G087	SBTC0100R 037BS 092711G082
	Depth	0.5 - 4.29 ft	0.5 - 4.29 ft	0.5 - 4.17 ft	4.5 - 5.6 ft	4.5 - 8.12 ft	0.5 - 4.22 ft	0.5 - 1.5 ft	7.45 - 8.45 ft	2.8 - 3.8 ft	7 - 8 ft	0.5 - 4.56 ft	7.7 - 8.7 ft	7.2 - 8.2 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Ethylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Ethylene dibromide	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Hexachloroethane	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Isopropyl benzene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
m&p-Xylene	ug/l	---	---	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0
Methyl Iodide	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Methylene chloride	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
Naphthalene	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
n-Butylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
n-Propylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
o-Xylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
sec-Butylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Styrene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	---	---	< 5.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0
t-Butyl alcohol	ug/l	---	---	< 50	---	---	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50
t-Butylbenzene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Tetrachloroethylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Tetrahydrofuran	ug/l	---	---	< 90	---	---	< 90	< 90	< 90	< 90	< 90	---	< 90	< 90
Toluene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Trichloroethylene	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Vinyl chloride	ug/l	---	---	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0
Xylenes	ug/l	---	---	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	10/26/2011 12:39 PM	9/27/2011 10:50 AM	9/27/2011 10:50 AM	2/24/2014 10:35 AM	10/25/2011 4:45 PM	9/28/2011 1:36 PM	10/25/2011 2:45 PM	9/29/2011 4:05 PM	10/25/2011 11:22 AM	9/29/2011 11:40 AM	9/29/2011 11:40 AM	9/29/2011 1:20 PM	9/29/2011 1:20 PM	10/3/2011 9:05 AM	9/30/2011 4:30 PM
	Location	SBTC0100R 047	SBTC0100R 047	SBTC0100R 047	SBTC0100R 051	SBTC0100R 057	SBTC0100R 057	SBTC0100R 077B	SBTC0100R 077B	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 097	SBTC0100R 100
	Sample	SBTC0100R 047S 102611G024	SBTC0100R 047S 092711G078	SBTC0100R 047D 092711G078	SBTC0100R 051S 022414G042	SBTC0100R 057S 102511G020	SBTC0100R 057S 092811G088	SBTC0100R 077BS 102511G031	SBTC0100R 077BS 092911G081	SBTC0100R 087S 102511G032	SBTC0100R 087S 092911G081	SBTC0100R 087D 092911G081	SBTC0100R087S092911G081-split	SBTC0100R087S092911G081-split	SBTC0100R 097S 100311G084	SBTC0100R 100S 093011G084
	Depth	1.38 - 2.38 ft	6.8 - 7.8 ft	6.8 - 7.8 ft	0.5 - 4.2 ft	1 - 2 ft	7.8 - 8.8 ft	2.1 - 3.1 ft	7.1 - 8.1 ft	2.2 - 3.2 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.4 - 8.4 ft	7.4 - 8.4 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	D	T	T	T
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split	Split	Result	Result
Field																
Depth to Water	ft	**0.90**	**2.73**	**2.73**	**2.8**	**0.3**	---	**0.10**	**0.36**	**0.04**	-1.78	-1.78	---	---	---	**9.2**
Dissolved Oxygen	mg/l	**8.47**	**0.12**	**0.12**	---	**0.55**	---	**0.64**	**1.11**	**4.33**	**0.52**	**0.52**	---	---	---	**7.05**
Oxidation Reduction Potential	millivolts	-94.6	-165.1	-165.1	-68.9	-182.8	---	-206.4	-92.0	-115.5	**121.9**	**121.9**	---	---	---	-75.5
pH	su	**7.07**	**7.26**	**7.26**	**6.91**	**6.46**	---	**6.31**	**7.24**	**7.04**	**7.19**	**7.19**	---	---	---	**7.14**
Specific Conductance	mS/cm	**0.969**	**0.580**	**0.580**	**0.657**	**1.175**	---	**0.515**	**0.595**	**0.505**	**0.575**	**0.575**	---	---	---	**0.566**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**9.2**	**12.74**	**12.74**	**7.1**	**12.23**	---	**14.59**	**12.90**	**10.85**	**11.98**	**11.98**	---	---	---	**14.68**
Turbidity	ntu	**41.1**	**60.1**	**60.1**	**8.13**	**6.8**	---	0	**6.0**	-4.1	**48.8**	**48.8**	---	---	---	**33.3**
Metals																
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	**2.7**	**6.4**	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	**210**	**210**	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	< 0.0010	< 0.0010
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	< 1	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	**1.6**	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	**2.5**	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	**2000**	**3800**	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	**2.7**	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	---	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---	---	< 0.050	< 0.050
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 25	< 25	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	---	**0.096**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	---	< 0.020	< 0.020
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 2	**2.9**	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 1	< 1	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 0.2	< 0.2	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	**0.0050**	---	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	---	---	**0.0076**	< 0.0040
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 2	< 2	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	< 10	< 10	---	---

	Date / Time Collected	10/26/2011 12:39 PM	9/27/2011 10:50 AM	9/27/2011 10:50 AM	2/24/2014 10:35 AM	10/25/2011 4:45 PM	9/28/2011 1:36 PM	10/25/2011 2:45 PM	9/29/2011 4:05 PM	10/25/2011 11:22 AM	9/29/2011 11:40 AM	9/29/2011 11:40 AM	9/29/2011 1:20 PM	9/29/2011 1:20 PM	10/3/2011 9:05 AM	9/30/2011 4:30 PM
	Location	SBTC0100R 047	SBTC0100R 047	SBTC0100R 047	SBTC0100R 051	SBTC0100R 057	SBTC0100R 057	SBTC0100R 077B	SBTC0100R 077B	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 097	SBTC0100R 100
	Sample	SBTC0100R 047S 102611G024	SBTC0100R 047S 092711G078	SBTC0100R 047D 092711G078	SBTC0100R 051S 022414G042	SBTC0100R 057S 102511G020	SBTC0100R 057S 092811G088	SBTC0100R 077BS 102511G031	SBTC0100R 077BS 092911G081	SBTC0100R 087S 102511G032	SBTC0100R 087S 092911G081	SBTC0100R 087D 092911G081	SBTC0100R087S092911G081-split	SBTC0100R087S092911G081-split	SBTC0100R 097S 100311G084	SBTC0100R 100S 093011G084
	Depth	1.38 - 2.38 ft	6.8 - 7.8 ft	6.8 - 7.8 ft	0.5 - 4.2 ft	1 - 2 ft	7.8 - 8.8 ft	2.1 - 3.1 ft	7.1 - 8.1 ft	2.2 - 3.2 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.4 - 8.4 ft	7.4 - 8.4 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	D	T	T	T
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split	Split	Result	Result
PNA																
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.3	< 5.0	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	< 1.0	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 1.1	< 2.0	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	< 5.0	< 5.0
TPH																
Diesel Range Organics (C10-C20)	mg/l	< 0.10	< 0.10	< 0.10	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	< 110	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	< 0.20	---	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	---	---	< 0.20	< 0.20
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	< 100	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	< 0.10	< 0.10	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	< 530	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	---	---	< 5.0	< 5.0	---	< 5.0	---	< 5.0	---	---	---	< 1.0	---	< 5.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	10/26/2011 12:39 PM	9/27/2011 10:50 AM	9/27/2011 10:50 AM	2/24/2014 10:35 AM	10/25/2011 4:45 PM	9/28/2011 1:36 PM	10/25/2011 2:45 PM	9/29/2011 4:05 PM	10/25/2011 11:22 AM	9/29/2011 11:40 AM	9/29/2011 11:40 AM	9/29/2011 1:20 PM	9/29/2011 1:20 PM	10/3/2011 9:05 AM	9/30/2011 4:30 PM
	Location	SBTC0100R 047	SBTC0100R 047	SBTC0100R 047	SBTC0100R 051	SBTC0100R 057	SBTC0100R 057	SBTC0100R 077B	SBTC0100R 077B	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 097	SBTC0100R 100
	Sample	SBTC0100R 047S 102611G024	SBTC0100R 047S 092711G078	SBTC0100R 047D 092711G078	SBTC0100R 051S 022414G042	SBTC0100R 057S 102511G020	SBTC0100R 057S 092811G088	SBTC0100R 077BS 102511G031	SBTC0100R 077BS 092911G081	SBTC0100R 087S 102511G032	SBTC0100R 087S 092911G081	SBTC0100R 087D 092911G081	SBTC0100R087S092911G081-split	SBTC0100R087S092911G081-split	SBTC0100R 097S 100311G084	SBTC0100R 100S 093011G084
	Depth	1.38 - 2.38 ft	6.8 - 7.8 ft	6.8 - 7.8 ft	0.5 - 4.2 ft	1 - 2 ft	7.8 - 8.8 ft	2.1 - 3.1 ft	7.1 - 8.1 ft	2.2 - 3.2 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.4 - 8.4 ft	7.4 - 8.4 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	D	T	T	T
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split	Split	Result	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	< 5.0	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 5.0	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 5.0	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 20	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 5.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	< 1.0	---	---	---	---	---	---	---	---	< 1.0	---	---
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	**1.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	< 5.0	---	---	---	---	---	---	---	---	< 1.0	---	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---	< 5.0	< 10	< 10

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	10/26/2011 12:39 PM	9/27/2011 10:50 AM	9/27/2011 10:50 AM	2/24/2014 10:35 AM	10/25/2011 4:45 PM	9/28/2011 1:36 PM	10/25/2011 2:45 PM	9/29/2011 4:05 PM	10/25/2011 11:22 AM	9/29/2011 11:40 AM	9/29/2011 11:40 AM	9/29/2011 1:20 PM	9/29/2011 1:20 PM	10/3/2011 9:05 AM	9/30/2011 4:30 PM
	Location	SBTC0100R 047	SBTC0100R 047	SBTC0100R 047	SBTC0100R 051	SBTC0100R 057	SBTC0100R 057	SBTC0100R 077B	SBTC0100R 077B	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 087	SBTC0100R 097	SBTC0100R 100
	Sample	SBTC0100R 047S 102611G024	SBTC0100R 047S 092711G078	SBTC0100R 047D 092711G078	SBTC0100R 051S 022414G042	SBTC0100R 057S 102511G020	SBTC0100R 057S 092811G088	SBTC0100R 077BS 102511G031	SBTC0100R 077BS 092911G081	SBTC0100R 087S 102511G032	SBTC0100R 087S 092911G081	SBTC0100R 087D 092911G081	SBTC0100R087S092911G081-split	SBTC0100R087S092911G081-split	SBTC0100R 097S 100311G084	SBTC0100R 100S 093011G084
	Depth	1.38 - 2.38 ft	6.8 - 7.8 ft	6.8 - 7.8 ft	0.5 - 4.2 ft	1 - 2 ft	7.8 - 8.8 ft	2.1 - 3.1 ft	7.1 - 8.1 ft	2.2 - 3.2 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.1 - 8.1 ft	7.4 - 8.4 ft	7.4 - 8.4 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	D	T	T	T
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Duplicate	Split	Split	Result	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---	< 5.0	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0

	Date / Time Collected	10/25/2011 2:38 PM	9/30/2011 4:15 PM	2/20/2014 2:35 PM	2/4/2014 12:35 PM	2/4/2014 3:55 PM	2/18/2014 10:00 AM	2/4/2014 2:35 PM	3/5/2014 3:00 PM	3/5/2014 3:00 PM	2/18/2014 11:35 AM	2/5/2014 11:15 AM	2/5/2014 3:00 PM	2/18/2014 2:20 PM	2/6/2014 10:40 AM	2/6/2014 10:40 AM
	Location	SBTC0100R 104	SBTC0100R 104	SBTC0100R 501R1	SBTC0100R 502	SBTC0100R 505	SBTC0100R 507	SBTC0100R 508	SBTC0100R 508	SBTC0100R 508	SBTC0100R 509	SBTC0100R 510	SBTC0100R 511	SBTC0100R 512	SBTC0100R 513	SBTC0100R 513
	Sample	SBTC0100R 104S 102511G039	SBTC0100R 104S 093011G076	SBTC0100R 501R1S 022014G041	SBTC0100R 502S 020414G039	SBTC0100R 505S 020414G042	SBTC0100R 507S 021814G043	SBTC0100R 508S 020414G042	SBTC0100R 508S 030514G074	SBTC0100R 508D 030514G074	SBTC0100R 509S 021814G040	SBTC0100R 510S 020514G041	SBTC0100R 511S 020514G044	SBTC0100R 512S 021814G042	SBTC0100R 513S 020614G042	SBTC0100R 513D 020614G042
	Depth	2.9 - 3.9 ft	6.6 - 7.6 ft	0.5 - 4.1 ft	0.5 - 3.9 ft	0.5 - 4.15 ft	0.5 - 4.25 ft	0.5 - 4.22 ft	7.5 - 7.35 ft	7.5 - 7.35 ft	0.5 - 4.04 ft	0.5 - 4.13 ft	0.5 - 4.36 ft	0.5 - 4.17 ft	0.5 - 4.19 ft	0.5 - 4.19 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate
Field																
Depth to Water	ft	-0.01	-0.05	**3.20**	**2.10**	**2.81**	**3.69**	**3.06**	**3.11**	**3.11**	**3.7**	**4.12**	**2.14**	**3.30**	**2.88**	**2.88**
Dissolved Oxygen	mg/l	**2.93**	**5.29**	**3.42**	**0.27**	**0.29**	**0.76**	**0.42**	**0.36**	**0.36**	**0.30**	**0.82**	**0.40**	**0.38**	**0.47**	**0.47**
Oxidation Reduction Potential	millivolts	-105.1	-128.9	-67.8	-147.9	-71.7	-69.1	-115.7	-89.3	-89.3	-78.4	-80.8	-166.8	-73.5	-106.2	-106.2
pH	su	**6.72**	**7.44**	**6.97**	**7.24**	**7.18**	**6.32**	**7.16**	**7.03**	**7.03**	**6.97**	**6.91**	**7.38**	**7.02**	**6.86**	**6.86**
Specific Conductance	mS/cm	**0.587**	**0.593**	**0.674**	**0.635**	**0.579**	**0.808**	**0.782**	**0.615**	**0.615**	**0.810**	**0.93**	**2.09**	**0.686**	**1.39**	**1.39**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**16.17**	**12.23**	**3.0**	**1.4**	**1.9**	**2.1**	**2.5**	**5.0**	**5.0**	**2.0**	**0.9**	**0.7**	**2.1**	**1.9**	**1.9**
Turbidity	ntu	-1.8	**136.1**	**9.10**	**6.29**	**8.78**	**29.2**	**9.81**	**19.1**	**19.1**	**6.97**	**18.5**	**22.9**	**68.9**	**8.86**	**8.86**
Metals																
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.0050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	---	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	Date / Time Collected	10/25/2011 2:38 PM	9/30/2011 4:15 PM	2/20/2014 2:35 PM	2/4/2014 12:35 PM	2/4/2014 3:55 PM	2/18/2014 10:00 AM	2/4/2014 2:35 PM	3/5/2014 3:00 PM	3/5/2014 3:00 PM	2/18/2014 11:35 AM	2/5/2014 11:15 AM	2/5/2014 3:00 PM	2/18/2014 2:20 PM	2/6/2014 10:40 AM	2/6/2014 10:40 AM
	Location	SBTC0100R 104	SBTC0100R 104	SBTC0100R 501R1	SBTC0100R 502	SBTC0100R 505	SBTC0100R 507	SBTC0100R 508	SBTC0100R 508	SBTC0100R 508	SBTC0100R 509	SBTC0100R 510	SBTC0100R 511	SBTC0100R 512	SBTC0100R 513	SBTC0100R 513
	Sample	SBTC0100R 104S 102511G039	SBTC0100R 104S 093011G076	SBTC0100R 501R1S 022014G041	SBTC0100R 502S 020414G039	SBTC0100R 505S 020414G042	SBTC0100R 507S 021814G043	SBTC0100R 508S 020414G042	SBTC0100R 508S 030514G074	SBTC0100R 508D 030514G074	SBTC0100R 509S 021814G040	SBTC0100R 510S 020514G041	SBTC0100R 511S 020514G044	SBTC0100R 512S 021814G042	SBTC0100R 513S 020614G042	SBTC0100R 513D 020614G042
	Depth	2.9 - 3.9 ft	6.6 - 7.6 ft	0.5 - 4.1 ft	0.5 - 3.9 ft	0.5 - 4.15 ft	0.5 - 4.25 ft	0.5 - 4.22 ft	7.5 - 7.35 ft	7.5 - 7.35 ft	0.5 - 4.04 ft	0.5 - 4.13 ft	0.5 - 4.36 ft	0.5 - 4.17 ft	0.5 - 4.19 ft	0.5 - 4.19 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate
PNA																
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
TPH																
Diesel Range Organics (C10-C20)	mg/l	< 0.10	< 0.10	---	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	< 0.10	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

	Date / Time Collected	10/25/2011 2:38 PM	9/30/2011 4:15 PM	2/20/2014 2:35 PM	2/4/2014 12:35 PM	2/4/2014 3:55 PM	2/18/2014 10:00 AM	2/4/2014 2:35 PM	3/5/2014 3:00 PM	3/5/2014 3:00 PM	2/18/2014 11:35 AM	2/5/2014 11:15 AM	2/5/2014 3:00 PM	2/18/2014 2:20 PM	2/6/2014 10:40 AM	2/6/2014 10:40 AM
	Location	SBTC0100R 104	SBTC0100R 104	SBTC0100R 501R1	SBTC0100R 502	SBTC0100R 505	SBTC0100R 507	SBTC0100R 508	SBTC0100R 508	SBTC0100R 508	SBTC0100R 509	SBTC0100R 510	SBTC0100R 511	SBTC0100R 512	SBTC0100R 513	SBTC0100R 513
	Sample	SBTC0100R 104S 102511G039	SBTC0100R 104S 093011G076	SBTC0100R 501R1S 022014G041	SBTC0100R 502S 020414G039	SBTC0100R 505S 020414G042	SBTC0100R 507S 021814G043	SBTC0100R 508S 020414G042	SBTC0100R 508S 030514G074	SBTC0100R 508D 030514G074	SBTC0100R 509S 021814G040	SBTC0100R 510S 020514G041	SBTC0100R 511S 020514G044	SBTC0100R 512S 021814G042	SBTC0100R 513S 020614G042	SBTC0100R 513D 020614G042
	Depth	2.9 - 3.9 ft	6.6 - 7.6 ft	0.5 - 4.1 ft	0.5 - 3.9 ft	0.5 - 4.15 ft	0.5 - 4.25 ft	0.5 - 4.22 ft	7.5 - 7.35 ft	7.5 - 7.35 ft	0.5 - 4.04 ft	0.5 - 4.13 ft	0.5 - 4.36 ft	0.5 - 4.17 ft	0.5 - 4.19 ft	0.5 - 4.19 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	< 1.0	---	---	< 1.0	---	< 1.0	< 1.0	< 1.0	---	---	< 1.0	---	---
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	< 5.0	---	---	< 5.0	---	< 5.0	< 5.0	< 5.0	---	---	< 5.0	---	---
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

	Date / Time Collected	10/25/2011 2:38 PM	9/30/2011 4:15 PM	2/20/2014 2:35 PM	2/4/2014 12:35 PM	2/4/2014 3:55 PM	2/18/2014 10:00 AM	2/4/2014 2:35 PM	3/5/2014 3:00 PM	3/5/2014 3:00 PM	2/18/2014 11:35 AM	2/5/2014 11:15 AM	2/5/2014 3:00 PM	2/18/2014 2:20 PM	2/6/2014 10:40 AM	2/6/2014 10:40 AM
	Location	SBTC0100R 104	SBTC0100R 104	SBTC0100R 501R1	SBTC0100R 502	SBTC0100R 505	SBTC0100R 507	SBTC0100R 508	SBTC0100R 508	SBTC0100R 508	SBTC0100R 509	SBTC0100R 510	SBTC0100R 511	SBTC0100R 512	SBTC0100R 513	SBTC0100R 513
	Sample	SBTC0100R 104S 102511G039	SBTC0100R 104S 093011G076	SBTC0100R 501R1S 022014G041	SBTC0100R 502S 020414G039	SBTC0100R 505S 020414G042	SBTC0100R 507S 021814G043	SBTC0100R 508S 020414G042	SBTC0100R 508S 030514G074	SBTC0100R 508D 030514G074	SBTC0100R 509S 021814G040	SBTC0100R 510S 020514G041	SBTC0100R 511S 020514G044	SBTC0100R 512S 021814G042	SBTC0100R 513S 020614G042	SBTC0100R 513D 020614G042
	Depth	2.9 - 3.9 ft	6.6 - 7.6 ft	0.5 - 4.1 ft	0.5 - 3.9 ft	0.5 - 4.15 ft	0.5 - 4.25 ft	0.5 - 4.22 ft	7.5 - 7.35 ft	7.5 - 7.35 ft	0.5 - 4.04 ft	0.5 - 4.13 ft	0.5 - 4.36 ft	0.5 - 4.17 ft	0.5 - 4.19 ft	0.5 - 4.19 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Result	Result	Duplicate
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

	Date / Time Collected	3/6/2014 8:50 AM	3/5/2014 3:30 PM	2/24/2014 2:50 PM	2/25/2014 10:35 AM	2/19/2014 10:30 AM	2/26/2014 9:15 AM	2/14/2014 2:15 PM	2/14/2014 11:20 AM	2/14/2014 10:00 AM	2/12/2014 3:05 PM	2/24/2014 4:05 PM	2/24/2014 11:20 AM
	Location	SBTC0100R 515	SBTC0100R 516	SBTC0100R 518	SBTC0100R 519	SBTC0100R 520	SBTC0100R 522R1	SBTC0100R 525	SBTC0100R 526	SBTC0100R 527	SBTC0100R 528	SBTC0100R 529	SBTC0100R 530
	Sample	SBTC0100R 515S 030614G043	SBTC0100R 516S 030514G040	SBTC0100R 518S 022414G041	SBTC0100R 519S 022514G058	SBTC0100R 520S 021914G043	SBTC0100R 522R1S 022614G045	SBTC0100R 525S 021414G041	SBTC0100R 526S 021414G043	SBTC0100R 527S 021414G043	SBTC0100R 528S 021214G040	SBTC0100R 529S 022414G041	SBTC0100R 530S 022414G041
	Depth	2.3 - 4.25 ft	0.5 - 3.98 ft	0.5 - 4.11 ft	3.8 - 5.78 ft	0.5 - 4.3 ft	0.5 - 4.46 ft	0.5 - 4.13 ft	0.5 - 4.29 ft	0.5 - 4.32 ft	0.5 - 3.95 ft	0.5 - 4.06 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Field													
Depth to Water	ft	---	**2.88**	**2.45**	**2.79**	---	---	**0.37**	**4.20**	**3.92**	**3.10**	**2.55**	**3.22**
Dissolved Oxygen	mg/l	**5.80**	**0.28**	---	**0.48**	**0.69**	**8.31**	**1.00**	**1.18**	**0.52**	**0.50**	---	---
Oxidation Reduction Potential	millivolts	-25.6	-102.8	**315.9**	-66.2	-33.7	**133.5**	**5.3**	-67.0	-89.5	-67.7	**268.1**	**13.9**
pH	su	**6.63**	**6.73**	**7.31**	**7.24**	---	**7.59**	**6.93**	**6.8**	**7.16**	**7**	**7.06**	**7.07**
Specific Conductance	mS/cm	**0.651**	**1.02**	**1.182**	**0.92**	---	**0.717**	**0.832**	**0.805**	**0.532**	**1.38**	**1.270**	**0.609**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**3.4**	**0.7**	**0.4**	**4.9**	---	**2.5**	**1.5**	**2.1**	**7.0**	**0.9**	**0.9**	**3.2**
Turbidity	ntu	**1000**	**18.1**	**4.80**	**1.76**	---	**522**	**13.8**	**9.19**	**1.33**	**16.3**	**6.85**	**11.8**
Metals													
Arsenic	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Barium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/l	**0.0020**	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	---	---
Beryllium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Copper	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Iron	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Lead	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---	---	---	---	**0.0055**	---
Molybdenum	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Nickel	mg/l	**0.17**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	---	---	---	---	---
Nickel	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Silver	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/l	**0.15**	< 0.0040	< 0.0040	< 0.0040	< 0.0040	**0.016**	---	---	---	---	---	---
Vanadium	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	ug/l	---	---	---	---	---	---	---	---	---	---	---	---

	Date / Time Collected	3/6/2014 8:50 AM	3/5/2014 3:30 PM	2/24/2014 2:50 PM	2/25/2014 10:35 AM	2/19/2014 10:30 AM	2/26/2014 9:15 AM	2/14/2014 2:15 PM	2/14/2014 11:20 AM	2/14/2014 10:00 AM	2/12/2014 3:05 PM	2/24/2014 4:05 PM	2/24/2014 11:20 AM
	Location	SBTC0100R 515	SBTC0100R 516	SBTC0100R 518	SBTC0100R 519	SBTC0100R 520	SBTC0100R 522R1	SBTC0100R 525	SBTC0100R 526	SBTC0100R 527	SBTC0100R 528	SBTC0100R 529	SBTC0100R 530
	Sample	SBTC0100R 515S 030614G043	SBTC0100R 516S 030514G040	SBTC0100R 518S 022414G041	SBTC0100R 519S 022514G058	SBTC0100R 520S 021914G043	SBTC0100R 522R1S 022614G045	SBTC0100R 525S 021414G041	SBTC0100R 526S 021414G043	SBTC0100R 527S 021414G043	SBTC0100R 528S 021214G040	SBTC0100R 529S 022414G041	SBTC0100R 530S 022414G041
	Depth	2.3 - 4.25 ft	0.5 - 3.98 ft	0.5 - 4.11 ft	3.8 - 5.78 ft	0.5 - 4.3 ft	0.5 - 4.46 ft	0.5 - 4.13 ft	0.5 - 4.29 ft	0.5 - 4.32 ft	0.5 - 3.95 ft	0.5 - 4.06 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PNA													
2-Methylnaphthalene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Acenaphthene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Acenaphthylene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Anthracene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Benzo(a)anthracene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Benzo(a)pyrene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Benzo(b)fluoranthene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Benzo(g,h,i)perylene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Benzo(k)fluoranthene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Chrysene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Dibenzo(a,h)anthracene	ug/l	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---
Fluoranthene	ug/l	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	---	---	---	---
Fluorene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	ug/l	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---
Naphthalene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
Phenanthrene	ug/l	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	---	---	---	---
Pyrene	ug/l	< 10	< 10	< 5.0	< 5.0	< 5.0	< 5.0	---	---	---	---	---	---
TPH													
Diesel Range Organics (C10-C20)	mg/l	---	---	---	---	---	---	---	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---
VOC													
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0

	Date / Time Collected	3/6/2014 8:50 AM	3/5/2014 3:30 PM	2/24/2014 2:50 PM	2/25/2014 10:35 AM	2/19/2014 10:30 AM	2/26/2014 9:15 AM	2/14/2014 2:15 PM	2/14/2014 11:20 AM	2/14/2014 10:00 AM	2/12/2014 3:05 PM	2/24/2014 4:05 PM	2/24/2014 11:20 AM
	Location	SBTC0100R 515	SBTC0100R 516	SBTC0100R 518	SBTC0100R 519	SBTC0100R 520	SBTC0100R 522R1	SBTC0100R 525	SBTC0100R 526	SBTC0100R 527	SBTC0100R 528	SBTC0100R 529	SBTC0100R 530
	Sample	SBTC0100R 515S 030614G043	SBTC0100R 516S 030514G040	SBTC0100R 518S 022414G041	SBTC0100R 519S 022514G058	SBTC0100R 520S 021914G043	SBTC0100R 522R1S 022614G045	SBTC0100R 525S 021414G041	SBTC0100R 526S 021414G043	SBTC0100R 527S 021414G043	SBTC0100R 528S 021214G040	SBTC0100R 529S 022414G041	SBTC0100R 530S 022414G041
	Depth	2.3 - 4.25 ft	0.5 - 3.98 ft	0.5 - 4.11 ft	3.8 - 5.78 ft	0.5 - 4.3 ft	0.5 - 4.46 ft	0.5 - 4.13 ft	0.5 - 4.29 ft	0.5 - 4.32 ft	0.5 - 3.95 ft	0.5 - 4.06 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 1.0	< 1.0	---	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.8**	< 1.0	< 1.0	---	< 1.0
Bromobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**8.2**	< 5.0	< 5.0	---	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Dibromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	---	< 10

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	Location	SBTC0100R 515	SBTC0100R 516	SBTC0100R 518	SBTC0100R 519	SBTC0100R 520	SBTC0100R 522R1	SBTC0100R 525	SBTC0100R 526	SBTC0100R 527	SBTC0100R 528	SBTC0100R 529	SBTC0100R 530
	Sample	SBTC0100R 515S 030614G043	SBTC0100R 516S 030514G040	SBTC0100R 518S 022414G041	SBTC0100R 519S 022514G058	SBTC0100R 520S 021914G043	SBTC0100R 522R1S 022614G045	SBTC0100R 525S 021414G041	SBTC0100R 526S 021414G043	SBTC0100R 527S 021414G043	SBTC0100R 528S 021214G040	SBTC0100R 529S 022414G041	SBTC0100R 530S 022414G041
	Depth	2.3 - 4.25 ft	0.5 - 3.98 ft	0.5 - 4.11 ft	3.8 - 5.78 ft	0.5 - 4.3 ft	0.5 - 4.46 ft	0.5 - 4.13 ft	0.5 - 4.29 ft	0.5 - 4.32 ft	0.5 - 3.95 ft	0.5 - 4.06 ft	0.5 - 4.1 ft
	Dissolved / Total	T	T	T	T	T	T	T	T	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**3.3**	< 2.0	< 2.0	---	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	---	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	---	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	---	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	**4.9**	< 2.0	< 2.0	---	< 2.0

	Date / Time Collected	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	9/27/2011 3:20 PM	9/27/2011 3:55 PM	10/24/2011 11:08 AM	10/24/2011 11:50 AM	10/24/2011 11:50 AM	9/28/2011 10:00 AM	9/28/2011 10:00 AM	2/6/2014 11:35 AM	2/12/2014 3:00 PM	2/12/2014 3:00 PM	2/25/2014 10:05 AM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 002	SBTC0125L 010	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 501	SBTC0125L 504	SBTC0125L 504	SBTC0125L503
	Sample	SBTC0100R 592ES 010912G016	SBTC0100R 592ED 010912G016	SBTC0100R592ES010912G016-SPLIT	SBTC0100R592ES010912G016-SPLIT	SBTC0125L 002S 092711G087	SBTC0125L 010S 092711G087	SBTC0125L 020S 102411G039	SBTC0125L020S102411G039-SPLIT	SBTC0125L020S102411G039-SPLIT	SBTC0125L 020S 092811G086	SBTC0125L 020D 092811G086	SBTC0125L 501S 020614G043	SBTC0125L 504S 021214G039	SBTC0125L 504D 021214G039	SBTC0125L 503S 022514G042
	Depth	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	7.7 - 8.7 ft	7.7 - 8.7 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	7.6 - 8.6 ft	7.6 - 8.6 ft	0.5 - 4.3 ft	0.5 - 3.9 ft	0.5 - 3.9 ft	0.5 - 4.24 ft
	Dissolved / Total	T	T	D	T	T	T	T	D	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Split	Split	Result	Result	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result
Field																
Depth to Water	ft	**2.45**	**2.45**	---	---	-0.22	-0.25	-1.08	---	---	**0.03**	**0.03**	**2.37**	**2.74**	---	**3.30**
Dissolved Oxygen	mg/l	**12.09**	**12.09**	---	---	**0.14**	**0.52**	**4.53**	---	---	**0.47**	**0.47**	**6.75**	**0.53**	---	**0.39**
Oxidation Reduction Potential	millivolts	-40.5	-40.5	---	---	-90.9	-64.3	-159.6	---	---	-33.9	-33.9	-21.2	-105.4	---	**215.7**
pH	su	**7.14**	**7.14**	---	---	**7.11**	**6.82**	**6.73**	---	---	**6.95**	**6.95**	**7.24**	**7.2**	---	**6.91**
Specific Conductance	mS/cm	**1.06**	**1.06**	---	---	**0.693**	**0.774**	**1.409**	---	---	**0.889**	**0.889**	**1.09**	**1.10**	---	**1.303**
Specific Conductance	uS/cm	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature	deg c	**3.2**	**3.2**	---	---	**12.71**	**13.09**	**12.90**	---	---	**13.75**	**13.75**	**3.4**	**1.5**	---	**5.0**
Turbidity	ntu	**30.8**	**30.8**	---	---	-11.4	**40.9**	**11.0**	---	---	**49.6**	**49.6**	**760**	**3.79**	---	**3.27**
Metals																
Arsenic	ug/l	---	---	**4.2**	**8.5**	---	---	---	< 1	< 1	---	---	---	---	---	---
Barium	ug/l	---	---	**53**	**65**	---	---	---	**120**	**120**	---	---	---	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	---	---	< 0.0010	< 0.0010	< 0.0010	---	---	< 0.0010	< 0.0010	< 0.0010	---	---	< 0.0010
Beryllium	ug/l	---	---	< 1	< 1	---	---	---	< 1	< 1	---	---	---	---	---	---
Cadmium	ug/l	---	---	< 0.2	< 0.2	---	---	---	< 0.2	< 0.2	---	---	---	---	---	---
Chromium (Total)	ug/l	---	---	< 1	---	---	---	---	**3.5**	< 1	---	---	---	---	---	---
Copper	ug/l	---	---	**1.3**	**12**	---	---	---	< 1	**1.5**	---	---	---	---	---	---
Iron	ug/l	---	---	**1000**	**7900**	---	---	---	**6700**	**6900**	---	---	---	---	---	---
Lead	ug/l	---	---	< 1	**2.4**	---	---	---	< 1	< 1	---	---	---	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	---	---	< 0.050	< 0.050	< 0.050	---	---	< 0.050	< 0.050	< 0.050	---	---	< 0.050
Molybdenum	ug/l	---	---	< 25	< 25	---	---	---	< 25	< 25	---	---	---	---	---	---
Nickel	mg/l	< 0.020	< 0.020	---	---	< 0.020	< 0.020	< 0.020	---	---	< 0.020	< 0.020	**0.024**	---	---	< 0.020
Nickel	ug/l	---	---	**3.4**	**5.9**	---	---	---	**5.6**	**3.4**	---	---	---	---	---	---
Selenium	ug/l	---	---	< 1	< 1	---	---	---	< 1	< 1	---	---	---	---	---	---
Silver	ug/l	---	---	< 0.2	< 0.2	---	---	---	< 0.2	< 0.2	---	---	---	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	---	---	< 0.0040	< 0.0040	< 0.0040	---	---	< 0.0040	< 0.0040	**0.036**	---	---	< 0.0040
Vanadium	ug/l	---	---	< 2	**3.8**	---	---	---	< 2	< 2	---	---	---	---	---	---
Zinc	ug/l	---	---	< 10	**15**	---	---	---	< 10	< 10	---	---	---	---	---	---

	Date / Time Collected	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	9/27/2011 3:20 PM	9/27/2011 3:55 PM	10/24/2011 11:08 AM	10/24/2011 11:50 AM	10/24/2011 11:50 AM	9/28/2011 10:00 AM	9/28/2011 10:00 AM	2/6/2014 11:35 AM	2/12/2014 3:00 PM	2/12/2014 3:00 PM	2/25/2014 10:05 AM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 002	SBTC0125L 010	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 501	SBTC0125L 504	SBTC0125L 504	SBTC0125L503
	Sample	SBTC0100R 592ES 010912G016	SBTC0100R 592ED 010912G016	SBTC0100R592ES010912G016-SPLIT	SBTC0100R592ES010912G016-SPLIT	SBTC0125L 002S 092711G087	SBTC0125L 010S 092711G087	SBTC0125L 020S 102411G039	SBTC0125L020S102411G039-SPLIT	SBTC0125L020S102411G039-SPLIT	SBTC0125L 020S 092811G086	SBTC0125L 020D 092811G086	SBTC0125L 501S 020614G043	SBTC0125L 504S 021214G039	SBTC0125L 504D 021214G039	SBTC0125L 503S 022514G042
	Depth	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	7.7 - 8.7 ft	7.7 - 8.7 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	7.6 - 8.6 ft	7.6 - 8.6 ft	0.5 - 4.3 ft	0.5 - 3.9 ft	0.5 - 3.9 ft	0.5 - 4.24 ft
	Dissolved / Total	T	T	D	T	T	T	T	D	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Split	Split	Result	Result	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result
PNA																
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.2	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0	< 2.0	---	---	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	< 2.0	< 2.0	< 2.0	---	---	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	---	< 1.0	< 2.0	< 2.0	< 2.0	---	< 1.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	---	< 5.0
TPH																
Diesel Range Organics (C10-C20)	mg/l	**0.13**	< 0.10	---	---	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	< 110	---	---	---	---	< 110	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	---	---	< 0.20	< 0.20	< 0.20	---	---	< 0.20	< 0.20	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	< 100	---	---	---	---	< 100	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	**0.26**	< 0.10	---	---	< 0.10	< 0.10	< 0.10	---	---	< 0.10	< 0.10	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	< 540	---	---	---	---	< 540	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	< 5.0	< 5.0	---	< 1.0	---	---	< 5.0	---	< 1.0	---	---	< 5.0	< 5.0	< 5.0	< 5.0

	Date / Time Collected	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	9/27/2011 3:20 PM	9/27/2011 3:55 PM	10/24/2011 11:08 AM	10/24/2011 11:50 AM	10/24/2011 11:50 AM	9/28/2011 10:00 AM	9/28/2011 10:00 AM	2/6/2014 11:35 AM	2/12/2014 3:00 PM	2/12/2014 3:00 PM	2/25/2014 10:05 AM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 002	SBTC0125L 010	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 501	SBTC0125L 504	SBTC0125L 504	SBTC0125L503
	Sample	SBTC0100R 592ES 010912G016	SBTC0100R 592ED 010912G016	SBTC0100R592ES010912G016-SPLIT	SBTC0100R592ES010912G016-SPLIT	SBTC0125L 002S 092711G087	SBTC0125L 010S 092711G087	SBTC0125L 020S 102411G039	SBTC0125L020S102411G039-SPLIT	SBTC0125L020S102411G039-SPLIT	SBTC0125L 020S 092811G086	SBTC0125L 020D 092811G086	SBTC0125L 501S 020614G043	SBTC0125L 504S 021214G039	SBTC0125L 504D 021214G039	SBTC0125L 503S 022514G042
	Depth	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	7.7 - 8.7 ft	7.7 - 8.7 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	7.6 - 8.6 ft	7.6 - 8.6 ft	0.5 - 4.3 ft	0.5 - 3.9 ft	0.5 - 3.9 ft	0.5 - 4.24 ft
	Dissolved / Total	T	T	D	T	T	T	T	D	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Split	Split	Result	Result	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	---	< 5.0	< 25	< 25	< 25	---	< 5.0	< 25	< 25	< 25	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	---	< 5.0	< 50	< 50	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	---	< 5.0	< 50	< 50	< 50	---	< 5.0	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	---	< 20	< 50	< 50	< 50	---	< 20	< 50	< 50	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	---	< 5.0	< 2.0	< 2.0	< 2.0	---	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	< 1.0	---	---	---	---	< 1.0	---	---	---	< 1.0	< 1.0	< 1.0
Bromochloromethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	< 1.0	---	---	---	---	< 1.0	---	---	---	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	---	< 5.0	< 10	< 10	< 10	---	< 5.0	< 10	< 10	< 10	< 10	< 10	< 10

	Date / Time Collected	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	1/9/2012 12:50 PM	9/27/2011 3:20 PM	9/27/2011 3:55 PM	10/24/2011 11:08 AM	10/24/2011 11:50 AM	10/24/2011 11:50 AM	9/28/2011 10:00 AM	9/28/2011 10:00 AM	2/6/2014 11:35 AM	2/12/2014 3:00 PM	2/12/2014 3:00 PM	2/25/2014 10:05 AM
	Location	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0100R 592E	SBTC0125L 002	SBTC0125L 010	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 020	SBTC0125L 501	SBTC0125L 504	SBTC0125L 504	SBTC0125L503
	Sample	SBTC0100R 592ES 010912G016	SBTC0100R 592ED 010912G016	SBTC0100R592ES010912G016-SPLIT	SBTC0100R592ES010912G016-SPLIT	SBTC0125L 002S 092711G087	SBTC0125L 010S 092711G087	SBTC0125L 020S 102411G039	SBTC0125L020S102411G039-SPLIT	SBTC0125L020S102411G039-SPLIT	SBTC0125L 020S 092811G086	SBTC0125L 020D 092811G086	SBTC0125L 501S 020614G043	SBTC0125L 504S 021214G039	SBTC0125L 504D 021214G039	SBTC0125L 503S 022514G042
	Depth	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	0.6 - 1.6 ft	7.7 - 8.7 ft	7.7 - 8.7 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	2.9 - 3.9 ft	7.6 - 8.6 ft	7.6 - 8.6 ft	0.5 - 4.3 ft	0.5 - 3.9 ft	0.5 - 3.9 ft	0.5 - 4.24 ft
	Dissolved / Total	T	T	D	T	T	T	T	D	T	T	T	T	T	T	T
Analyte	Units	Result	Duplicate	Split	Split	Result	Result	Result	Split	Split	Result	Duplicate	Result	Result	Duplicate	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	---	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	---	< 5.0	< 90	< 90	< 90	---	< 5.0	< 90	< 90	< 90	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/27/2011 4:05 PM	9/27/2011 3:00 PM	9/27/2011 1:45 PM	2/6/2014 11:10 AM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	2/25/2014 2:45 PM	2/25/2014 2:50 PM	2/25/2014 11:35 AM
	Location	SBTC0125R 006A	SBTC0125R 016A	SBTC0125R 026	SBTC0125R 502	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 504	SBTC0125R 506	SBTC0125R 507
	Sample	SBTC0125R 006AS 092711G078	SBTC0125R 016AS 092711G080	SBTC0125R 026S 092711G072	SBTC0125R 502S 020614G055	SBTC0125R 512AS 011612G077	SBTC0125R51 2AS011612G0 70-SPLIT	SBTC0125R51 2AS011612G0 70-SPLIT	SBTC0125R 504S 022514G041	SBTC0125R 506S 022514G048	SBTC0125R 507S 022514G060
	Depth	6.8 - 7.8 ft	7 - 8 ft	6.2 - 7.2 ft	2 - 5.5 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	0.5 - 4.08 ft	1.2 - 4.8 ft	2.5 - 6 ft
	Dissolved / Total	T	T	T	T	T	D	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Split	Split	Result	Result	Result
Field											
Depth to Water	ft	**3.92**	**2.22**	**5.18**	**4.49**	-0.32	---	---	**2.54**	**3.06**	**2.16**
Dissolved Oxygen	mg/l	**5.85**	**7.23**	**0.13**	**7.38**	---	---	---	**0.30**	**0.27**	**0.29**
Oxidation Reduction Potential	millivolts	-175.0	-122.1	-190.6	-25.6	-53.9	---	---	**264.0**	-98.5	**216.5**
pH	su	**7.26**	**7.48**	**7.16**	**7.1**	**7.5**	---	---	**7.12**	**7.25**	**7.13**
Specific Conductance	mS/cm	**0.900**	**0.003**	**0.966**	**1.22**	---	---	---	**1.392**	**1.12**	**1.261**
Specific Conductance	uS/cm	---	---	---	---	**950**	---	---	---	---	---
Temperature	deg c	**15.12**	**20.14**	**16.5**	**1.8**	**7.0**	---	---	**2.0**	**4.2**	**5.1**
Turbidity	ntu	-66.0	-42.7	**39.8**	**52.0**	**183**	---	---	**5.95**	**6.05**	**6.50**
Metals											
Arsenic	ug/l	---	---	---	---	---	**5.1**	**7.7**	---	---	---
Barium	ug/l	---	---	---	---	---	**350**	**380**	---	---	---
Beryllium	mg/l	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	< 0.0010	< 0.0010
Beryllium	ug/l	---	---	---	---	---	< 1	< 1	---	---	---
Cadmium	ug/l	---	---	---	---	---	< 0.2	< 0.2	---	---	---
Chromium (Total)	ug/l	---	---	---	---	---	< 1	**2.9**	---	---	---
Copper	ug/l	---	---	---	---	---	< 1	**5.8**	---	---	---
Iron	ug/l	---	---	---	---	---	**3500**	**7500**	---	---	---
Lead	ug/l	---	---	---	---	---	< 1	**8.8**	---	---	---
Mercury (Total)	ug/l	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	---	---	---	< 0.050	< 0.050
Molybdenum	ug/l	---	---	---	---	---	< 25	< 25	---	---	---
Nickel	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	---	---	< 0.020	< 0.020
Nickel	ug/l	---	---	---	---	---	< 2	**3.6**	---	---	---
Selenium	ug/l	---	---	---	---	---	< 1	< 1	---	---	---
Silver	ug/l	---	---	---	---	---	< 0.2	< 0.2	---	---	---
Vanadium	mg/l	< 0.0040	< 0.0040	< 0.0040	**0.0073**	**0.0081**	---	---	---	< 0.0040	< 0.0040
Vanadium	ug/l	---	---	---	---	---	< 2	**4.6**	---	---	---
Zinc	ug/l	---	---	---	---	---	< 10	**15**	---	---	---

	Date / Time Collected	9/27/2011 4:05 PM	9/27/2011 3:00 PM	9/27/2011 1:45 PM	2/6/2014 11:10 AM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	2/25/2014 2:45 PM	2/25/2014 2:50 PM	2/25/2014 11:35 AM
	Location	SBTC0125R 006A	SBTC0125R 016A	SBTC0125R 026	SBTC0125R 502	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 504	SBTC0125R 506	SBTC0125R 507
	Sample	SBTC0125R 006AS 092711G078	SBTC0125R 016AS 092711G080	SBTC0125R 026S 092711G072	SBTC0125R 502S 020614G055	SBTC0125R 512AS 011612G077	SBTC0125R512AS011612G070-SPLIT	SBTC0125R512AS011612G070-SPLIT	SBTC0125R 504S 022514G041	SBTC0125R 506S 022514G048	SBTC0125R 507S 022514G060
	Depth	6.8 - 7.8 ft	7 - 8 ft	6.2 - 7.2 ft	2 - 5.5 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	0.5 - 4.08 ft	1.2 - 4.8 ft	2.5 - 6 ft
	Dissolved / Total	T	T	T	T	T	D	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Split	Split	Result	Result	Result
PNA											
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.3	---	< 5.0	< 5.0
Acenaphthene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
Acenaphthylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
Anthracene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Chrysene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	---	< 2.0	< 2.0
Fluoranthene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.1	---	< 1.0	< 1.0
Fluorene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.1	---	< 2.0	< 2.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
Phenanthrene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 1.1	---	< 2.0	< 2.0
Pyrene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.1	---	< 5.0	< 5.0
TPH											
Diesel Range Organics (C10-C20)	mg/l	< 0.10	< 0.10	< 0.10	---	< 0.10	---	---	---	---	---
Diesel Range Organics (C10-C20)	ug/l	---	---	---	---	---	---	< 100	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	< 0.20	< 0.20	< 0.20	---	< 0.20	---	---	---	---	---
Gasoline Range Organics (C6-C10)	ug/l	---	---	---	---	---	---	< 100	---	---	---
Oil Range Organics (C20-C34)	mg/l	< 0.10	< 0.10	< 0.10	---	< 0.10	---	---	---	---	---
Oil Range Organics (C20-C34)	ug/l	---	---	---	---	---	---	< 520	---	---	---
VOC											
1,1,1,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	---	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	---	---	---	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0

	Date / Time Collected	9/27/2011 4:05 PM	9/27/2011 3:00 PM	9/27/2011 1:45 PM	2/6/2014 11:10 AM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	2/25/2014 2:45 PM	2/25/2014 2:50 PM	2/25/2014 11:35 AM
	Location	SBTC0125R 006A	SBTC0125R 016A	SBTC0125R 026	SBTC0125R 502	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 504	SBTC0125R 506	SBTC0125R 507
	Sample	SBTC0125R 006AS 092711G078	SBTC0125R 016AS 092711G080	SBTC0125R 026S 092711G072	SBTC0125R 502S 020614G055	SBTC0125R 512AS 011612G077	SBTC0125R512AS011612G070-SPLIT	SBTC0125R512AS011612G070-SPLIT	SBTC0125R 504S 022514G041	SBTC0125R 506S 022514G048	SBTC0125R 507S 022514G060
	Depth	6.8 - 7.8 ft	7 - 8 ft	6.2 - 7.2 ft	2 - 5.5 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	0.5 - 4.08 ft	1.2 - 4.8 ft	2.5 - 6 ft
	Dissolved / Total	T	T	T	T	T	D	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Split	Split	Result	Result	Result
1,2,4-Trichlorobenzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	< 25	< 25	< 25	< 25	< 25	---	< 5.0	< 25	< 25	< 25
2-Hexanone	ug/l	< 50	< 50	< 50	< 50	< 50	---	< 5.0	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	< 50	< 50	< 50	< 50	< 50	---	< 5.0	< 50	< 50	< 50
Acetone	ug/l	< 50	< 50	< 50	< 50	< 50	---	< 20	< 50	< 50	< 50
Acrylonitrile	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 5.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	---	---	---	---	---	---	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 5.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	---	---	---	---	---	---	< 1.0	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	---	< 5.0	< 10	< 10	< 10

Table 7. Reach 3 Groundwater Analytical Data - TCRI 2011 - 2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	9/27/2011 4:05 PM	9/27/2011 3:00 PM	9/27/2011 1:45 PM	2/6/2014 11:10 AM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	1/16/2012 3:05 PM	2/25/2014 2:45 PM	2/25/2014 2:50 PM	2/25/2014 11:35 AM
	Location	SBTC0125R 006A	SBTC0125R 016A	SBTC0125R 026	SBTC0125R 502	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 512A	SBTC0125R 504	SBTC0125R 506	SBTC0125R 507
	Sample	SBTC0125R 006AS 092711G078	SBTC0125R 016AS 092711G080	SBTC0125R 026S 092711G072	SBTC0125R 502S 020614G055	SBTC0125R 512AS 011612G077	SBTC0125R512AS011612G070-SPLIT	SBTC0125R512AS011612G070-SPLIT	SBTC0125R 504S 022514G041	SBTC0125R 506S 022514G048	SBTC0125R 507S 022514G060
	Depth	6.8 - 7.8 ft	7 - 8 ft	6.2 - 7.2 ft	2 - 5.5 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	6.7 - 7.7 ft	0.5 - 4.08 ft	1.2 - 4.8 ft	2.5 - 6 ft
	Dissolved / Total	T	T	T	T	T	D	T	T	T	T
Analyte	Units	Result	Result	Result	Result	Result	Split	Split	Result	Result	Result
Di-isopropyl ether (DIPE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 1.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	---	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	< 50	< 50	< 50	< 50	< 50	---	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	< 90	< 90	< 90	< 90	< 90	---	< 5.0	< 90	< 90	< 90
Toluene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	---	---	< 2.0	< 2.0	< 2.0

Groundwater Footnotes:
All temporary and permanent monitoring wells listed on this table are constructed of 2-inch diameter polyvinyl chloride (PVC) with 5-foot long well screens that are constructed from wire wound PVC with 0.010 inch openings (10 slot).
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
Shaded values reflect samples collected as part of the Data Gap Assessment.
(A) = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(E) = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(L) = Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(9) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specific rules. The generic residential drinking water criterion of 4 ug/L is linked to the generic residential soil direct contact criterion of 400 mg/kg. A higher concentration in the drinking water, up to the state action level of 15 ug/L, may be allowed as a site-specific remedy and still allow for drinking water use, under Section 20120a(2) and 20120b of the NREPA if soil concentrations are appropriately lower than 400 mg/kg. If a site-specific criterion is approved based on this subdivision, a notice shall be filed on the deed for all property where the groundwater concentrations will exceed 4 ug/L to provide notice of the potential for unacceptable risk if soil or groundwater concentrations increase. Acceptable combinations of site-specific soil and drinking water concentrations are presented in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(S) = Criterion defaults to the hazardous substance-specific water solubility limit.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
(AA) = Use 10,000 ug/l where groundwater enters a structure through the use of a water well, sump or other device. Use 28,000 ug/l for all other uses.
--- = not completed/not analyzed.
D = dissolved (filtered).
deg c = degrees Celsius.
ft = feet.
ID = insufficient data to develop criterion.
mg/l = milligram per liter.
mS/cm = millisiemens per centimeter.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLV = hazardous substance is not likely to volatilize under most conditions.
ntu = nephelometric turbidity unit.
pH = a measure of the acidity or basicity of an aqueous solution.
PNA = polynuclear aromatic hydrocarbon.
su = standard unit.
T = total (unfiltered).
TPH = total petroleum hydrocarbon.
ug/l = micrograms per liter.
uS/cm = microsiemens per centimeter.
VOC = volatile organic compound.

Table 8. Reach 3 Surface Water Analytical Data - TCRI 2011-2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria	Rule 57 Final Acute Value	Rule 57 Human Cancer Value Nondrinking Water Source	Rule 57 Human Noncancer Value Nondrinking Water Source	Target Detection Limits - Water	9/30/2011 10:00 AM	9/30/2011 10:00 AM	9/30/2011 11:30 AM	9/30/2011 11:30 AM	9/30/2011 12:10 PM	9/30/2011 12:45 PM
	Location						SWTC0100R 001	SWTC0100R 001	SWTC0100R 002	SWTC0100R 002	SWTC0100R 003	SWTC0100R 004
	Sample	Groundwater Surface Water Interface Criteria					SWTC0100R 001S 093011FX	SWTC0100R 001S093011 FX-split	SWTC0100R 002S 093011FX	SWTC0100R 002D 093011FX	SWTC0100R 003S 093011FX	SWTC0100R 004S 093011FX
	Dissolved / Total						T	T	T	T	T	T
Analyte	Units						Result	Split	Result	Duplicate	Result	Result
Field												
Depth to Water	ft	NCE	NCE	NCE	NCE	NCE	0	---	0	0	0	0
Dissolved Oxygen	mg/l	NCE	NCE	NCE	NCE	NCE	**7.16**	---	**7.51**	**7.51**	**6.94**	**8.14**
Oxidation Reduction Potential	millivolts	NCE	NCE	NCE	NCE	NCE	-118.7	---	-126.6	-126.6	-133.4	-120.4
pH	su	9	NCE	NCE	NCE	NCE	**7.46**	---	**7.51**	**7.51**	**7.47**	**7.39**
Specific Conductance	mS/cm	NCE	NCE	NCE	NCE	NCE	**0.412**	---	**0.401**	**0.401**	**0.465**	**0.312**
Temperature	deg c	NCE	NCE	NCE	NCE	NCE	**12.07**	---	**12.84**	**12.84**	**12.65**	**13.57**
Turbidity	ntu	NCE	NCE	NCE	NCE	NCE	**10.7**	---	**8.2**	**8.2**	**8.6**	**192.6**
Metals												
Arsenic	ug/l	10(X)	680	NA	280	5	---	**2.6**	---	---	---	---
Barium	ug/l	1100(B)(G)	6100	NA	160000	100	---	**33**	---	---	---	---
Beryllium	mg/l	0.02(G)	0.37	NA	1.2	0.001	< 0.0010	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Beryllium	ug/l	20(G)	370	NA	1200	1	---	< 1	---	---	---	---
Cadmium	ug/l	4.2(B)(G,X)	21D	NA	130	1	---	< 0.2	---	---	---	---
Chromium (Total)	ug/l	150	2300D	NA	9400	10	---	< 1	---	---	---	---
Copper	ug/l	18(B)(G)	60D	NA	38000	4	---	**1.0**	---	---	---	---
Iron	ug/l	(B)NA	NCE	NCE	NCE	200	---	**1200**	---	---	---	---
Lead	ug/l	40(B)(G,X)	780D	NA	190	3	---	< 1	---	---	---	---
Mercury (Total)	ug/l	0.0013(B,Z)	2.8@	@ NA	0.0018@	0.001	---	< 0.2	---	---	---	---
Molybdenum	mg/l	3.2(B)(X)	58	NA	10	0.05	< 0.050	---	< 0.050	< 0.050	< 0.050	< 0.050
Molybdenum	ug/l	3200(B)(X)	58000	NA	10000	50	---	< 25	---	---	---	---
Nickel	mg/l	0.11(B)(G)	1.9D	NA	210	0.02	< 0.020	---	< 0.020	< 0.020	< 0.020	< 0.020
Nickel	ug/l	110(B)(G)	1900D	NA	210000	20	---	< 2.0	---	---	---	---
Selenium	ug/l	5(B)	120	NA	2700	5	---	< 1	---	---	---	---
Silver	ug/l	0.2(B)(M);0.06	1.1	NA	11000	0.2	---	< 0.2	---	---	---	---
Vanadium	mg/l	0.027	0.16	NA	0.54	0.004	< 0.0040	---	< 0.0040	< 0.0040	< 0.0040	**0.0094**
Vanadium	ug/l	27	160	NA	540	4	---	< 2	---	---	---	---
Zinc	ug/l	240(B)(G)	480D	NA	16000	50	---	< 10	---	---	---	---
PNA												
2-Methylnaphthalene	ug/l	19ID	340	NA	1000	5	< 5.0	< 5.3	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthene	ug/l	38	200	NA	890	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
Acenaphthylene	ug/l	ID	ID	NA	ID	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
Anthracene	ug/l	ID	ID	NA	2400	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
Benzo(a)anthracene	ug/l	(Q)ID	ID	NLS	NLS	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	(Q)ID	# ID	# NLS	# NLS	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	(Q)ID	# ID	# NLS	# NLS	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	ID	NCE	NCE	NCE	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	(Q)NA	NCE	NCE	NCE	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0

Sheet 1 of 7

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria	Rule 57 Final Acute Value	Rule 57 Human Cancer Value Nondrinking Water Source	Rule 57 Human Noncancer Value Nondrinking Water Source	Target Detection Limits - Water	9/30/2011 10:00 AM	9/30/2011 10:00 AM	9/30/2011 11:30 AM	9/30/2011 11:30 AM	9/30/2011 12:10 PM	9/30/2011 12:45 PM
	Location						SWTC0100R 001	SWTC0100R 001	SWTC0100R 002	SWTC0100R 002	SWTC0100R 003	SWTC0100R 004
	Sample	Groundwater Surface Water Interface Criteria					SWTC0100R 001S 093011FX	SWTC0100R 001S093011 FX-split	SWTC0100R 002S 093011FX	SWTC0100R 002D 093011FX	SWTC0100R 003S 093011FX	SWTC0100R 004S 093011FX
	Dissolved / Total						T	T	T	T	T	T
Analyte	Units						Result	Split	Result	Duplicate	Result	Result
Chrysene	ug/l	(Q)ID	# ID	# ID	# ID	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	(Q)ID	# ID	# NLS	# NLS	2	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0
Fluoranthene	ug/l	1.6	28	NA	18	1	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0	< 1.0
Fluorene	ug/l	12	220	NA	160	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
Indeno(1,2,3-c,d)pyrene	ug/l	(Q)ID	# ID	# NLS	# NLS	2	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	ug/l	11	200	NA	2300	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
Phenanthrene	ug/l	2(M);1.4	9.4	NA	ID*	2	< 2.0	< 1.1	< 2.0	< 2.0	< 2.0	< 2.0
Pyrene	ug/l	ID	ID	NA	15	5	< 5.0	< 1.1	< 5.0	< 5.0	< 5.0	< 5.0
TPH												
Diesel Range Organics (C10-C20)	mg/l	NCE	NCE	NCE	NCE	0.1	< 0.10	---	< 0.10	< 0.10	< 0.10	**0.14**
Diesel Range Organics (C10-C20)	ug/l	NCE	NCE	NCE	NCE	100	---	< 110	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/l	NCE	NCE	NCE	NCE	0.1	< 0.20	---	< 0.20	< 0.20	< 0.20	< 0.20
Gasoline Range Organics (C6-C10)	ug/l	NCE	NCE	NCE	NCE	100	---	< 100	---	---	---	---
Oil Range Organics (C20-C34)	mg/l	NCE	NCE	NCE	NCE	0.5	**0.47**	---	**0.26**	**0.36**	**0.30**	**0.71**
Oil Range Organics (C20-C34)	ug/l	NCE	NCE	NCE	NCE	500	---	< 530	---	---	---	---
VOC												
1,1,1,2-Tetrachloroethane	ug/l	ID	# ID	100#	3500#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	89	1600	NA	42000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	78(X)	1800#	78#	4300#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	32	570	NA	1.834e+006	1	< 1.0	---	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	330(X)	6400#	330#	3000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	740	13000	NA	62000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	130(I)	2300	NA	33000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	NCE	ID	NA	73	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	NA	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	NCE	ID	NA	650	5	---	< 1.0	---	---	---	---
1,2,4-Trichlorobenzene	ug/l	99(X)	200	NA	99	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	17(I)	310	NA	330	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	13	240	NA	11000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	360(I)(X)	16000#	360#	420000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	230(I)(X)	4000#	290#	380000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	45(I)	810	NA	4200	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	28	200	NA	65	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	NCE	160#	140#	39000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	NCE	160#	140#	39000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	NCE	NCE	NCE	NCE	1	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	17	210#	240#	11000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	2200(I)	40000	NA	3.8e+006	25	< 25	< 5.0	< 25	< 25	< 25	< 25

Table 8. Reach 3 Surface Water Analytical Data - TCRI 2011-2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria	Rule 57 Final Acute Value	Rule 57 Human Cancer Value Nondrinking Water Source	Rule 57 Human Noncancer Value Nondrinking Water Source	Target Detection Limits - Water	9/30/2011 10:00 AM	9/30/2011 10:00 AM	9/30/2011 11:30 AM	9/30/2011 11:30 AM	9/30/2011 12:10 PM	9/30/2011 12:45 PM
	Location						SWTC0100R 001	SWTC0100R 001	SWTC0100R 002	SWTC0100R 002	SWTC0100R 003	SWTC0100R 004
	Sample	Groundwater Surface Water Interface Criteria					SWTC0100R 001S 093011FX	SWTC0100R 001S093011 FX-split	SWTC0100R 002S 093011FX	SWTC0100R 002D 093011FX	SWTC0100R 003S 093011FX	SWTC0100R 004S 093011FX
	Dissolved / Total						T	T	T	T	T	T
Analyte	Units						Result	Split	Result	Duplicate	Result	Result
2-Hexanone	ug/l	ID	ID	NA	630000	50	< 50	< 5.0	< 50	< 50	< 50	< 50
2-Methylnaphthalene	ug/l	19ID	340	NA	1000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	(I)ID	ID	NA	ID	50	< 50	< 5.0	< 50	< 50	< 50	< 50
Acetone	ug/l	1700(I)	30000	NA	450000	50	< 50	< 20	< 50	< 50	< 50	< 50
Acrylonitrile	ug/l	2(I)(M);1.2	1200#	1.2#	320#	2	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
Benzene	ug/l	200(I)(X)	1900#	310#	510#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	(I)NA	NCE	NCE	NCE	1	---	< 1.0	---	---	---	---
Bromochloromethane	ug/l	NCE	ID	NA	59000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	ID	# ID	180#	4500#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	ID	# ID	890#	8100#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	35	640	NA	2600	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	(I,R)ID	ID	NA	34000	5	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon tetrachloride	ug/l	45(X)	1400#	45#	140#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	25(I)	450	NA	3200	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	1100(X)	20000#	9400#	2.7e+007#	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	350(X)	11000#	# *	11000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	(I)ID	# ID	7300#	1.3e+006#	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	620	11000	NA	36000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	NCE	ID	NA	ID	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	ID	# ID	150#	12000#	5	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloropropane	ug/l	ID	# ID	4.9#	# ID*	0.2	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	ug/l	NA	NCE	NCE	NCE	5	---	< 1.0	---	---	---	---
Dichlorodifluoromethane	ug/l	ID	ID	NA	90000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	ID	ID	NA	1e+006	10	< 10	< 5.0	< 10	< 10	< 10	< 10
Di-isopropyl ether (DIPE)	ug/l	ID	ID	NA	1.2e+006	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	18(I)	320#	110#	8900#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	5.7(X)	280#	5.7#	8200#	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	ID	ID	NA	130000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	6.7(X)	210#	6.7#	7.6#	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	28ID	500	NA	3800	5	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
m&p-Xylene	ug/l	(J)	NCE	NCE	NCE	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	NCE	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	1500(X)	17000#	2600#	90000#	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	7100(X)	420000#	7100#	63000#	5	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	ug/l	11	200	NA	2300	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	ID	ID	NA	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	(I)ID	ID	NA	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/l	(J)	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Table 8. Reach 3 Surface Water Analytical Data - TCRI 2011-2014
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Rule 57 Final Acute Value**	**Rule 57 Human Cancer Value Nondrinking Water Source**	**Rule 57 Human Noncancer Value Nondrinking Water Source**	**Target Detection Limits - Water**	9/30/2011 10:00 AM	9/30/2011 10:00 AM	9/30/2011 11:30 AM	9/30/2011 11:30 AM	9/30/2011 12:10 PM	9/30/2011 12:45 PM
	Location						SWTC0100R 001	SWTC0100R 001	SWTC0100R 002	SWTC0100R 002	SWTC0100R 003	SWTC0100R 004
	Sample	**Groundwater Surface Water Interface Criteria**					SWTC0100R 001S 093011FX	SWTC0100R 001S093011 FX-split	SWTC0100R 002S 093011FX	SWTC0100R 002D 093011FX	SWTC0100R 003S 093011FX	SWTC0100R 004S 093011FX
	Dissolved / Total						T	T	T	T	T	T
Analyte	Units						Result	Split	Result	Duplicate	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/l	NCE	ID	NA	ID	5	**9.5**	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	ug/l	ID	ID	NA	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	80(X)	2900#	80#	18000#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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	Date / Time Collected	**Part 201 Generic Residential Cleanup Criteria**	**Rule 57 Final Acute Value**	**Rule 57 Human Cancer Value Nondrinking Water Source**	**Rule 57 Human Noncancer Value Nondrinking Water Source**	**Target Detection Limits - Water**	9/30/2011 10:00 AM	9/30/2011 10:00 AM	9/30/2011 11:30 AM	9/30/2011 11:30 AM	9/30/2011 12:10 PM	9/30/2011 12:45 PM
	Location						SWTC0100R 001	SWTC0100R 001	SWTC0100R 002	SWTC0100R 002	SWTC0100R 003	SWTC0100R 004
	Sample	**Groundwater Surface Water Interface Criteria**					SWTC0100R 001S 093011FX	SWTC0100R 001S093011 FX-split	SWTC0100R 002S 093011FX	SWTC0100R 002D 093011FX	SWTC0100R 003S 093011FX	SWTC0100R 004S 093011FX
	Dissolved / Total						T	T	T	T	T	T
Analyte	Units						Result	Split	Result	Duplicate	Result	Result
t-Amyl methyl ether (TAME)	ug/l	NA	NCE	NCE	NCE	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	NA	NCE	NCE	NCE	50	< 50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	(I)ID	ID	NA	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	60(X)	2900#	60#	1800#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	11000(X)	150000	NA	26000	90	< 90	< 5.0	< 90	< 90	< 90	< 90
Toluene	ug/l	270(I)	2600	NA	51000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	1500(X)	28000	NA	19000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	200(X)	3500#	370#	550#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	NA	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	13(X)	17000#	13#	4400#	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	41(I)	730	NA	16000	3	< 2.0	---	< 2.0	< 2.0	< 2.0	< 2.0

Surface Water Footnotes:
Data compared to Rule 323.1057 - MDEQ Rule 57 Water Quality Standards.
Bold values are concentrations detected above the reporting limit.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(Z) = Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
* = the lowest HNV, WV, HCV or FCV given for this chemical will adequately protect the uses identified with an ID* or *.
@ = bioaccumulative chemical of concern.
# = carcinogen.
--- = not completed/not analyzed.
D = Value expressed as dissolved.
deg c = degrees Celsius.
ft = feet.
ID = insufficient data to develop criterion.

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mg/l = milligram per liter.
mS/cm = millisiemens per centimeter.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLS = no literature search has been conducted.
ntu = nephelometric turbidity unit.
pH = a measure of the acidity or basicity of an aqueous solution.
PNA = polynuclear aromatic hydrocarbon.
su = standard unit.
T = total (unfiltered).
TPH = total petroleum hydrocarbon.
ug/l = micrograms per liter.
VOC = volatile organic compound.

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	11/22/2011 11:27 AM	11/19/2011 9:14 AM	12/12/2011 10:29 AM	12/12/2011 10:49 AM	1/11/2012 10:50 AM	1/11/2012 10:50 AM	1/11/2012 10:40 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		ESTC0050L 103	ESTC0050R 104	ESTC0075L 107	ESTC0075L 107	ESTC0075R 131	ESTC0075R 131	ESTC0075R 133
	Sample						ESTC0050L 103S 112211S040	ESTC0050R 104S 111911S020	ESTC0075L 107S 121211S010	ESTC0075L107S121211S010-SPLIT	ESTC0075R 131S 011112S000	ESTC0075R131S011112S000-SPLIT	ESTC0075R 133S 011112S010
	Depth						4 - 4 ft	2 - 2 ft	1 - 1 ft	1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	1 - 1 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unknown Saturation	Unknown Saturation	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Split	Result	Split	Result
Metals													
Arsenic	mg/kg	7.6	4.6	4.6	NLV	0.1	---	---	---	**65**	---	**14**	---
Barium	mg/kg	37000(B)	1300(B)	720(B)(G)	(B)NLV	1	---	---	---	**9.8**	---	**17**	---
Beryllium	mg/kg	410	51	250(G)	NLV	0.5	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	550(B)	6(B)	5(B)(G,X)	(B)NLV	0.2	---	---	---	**0.55**	---	< 0.2	---
Chromium (Total)	mg/kg	2500	30	3.3	NLV	2	---	---	---	**9.5**	---	**4.9**	---
Copper	mg/kg	20000(B)	5800(B)	100(B)(G)	(B)NLV	1	---	---	---	**19**	---	**3.9**	---
Iron	mg/kg	160000(B)	6(B)	(B)NA	(B)NLV	5	---	---	---	**19000**	---	**12000**	---
Lead	mg/kg	400(B)	700(B)	7000(B)(G,X)	(B)NLV	1	---	---	---	**7.2**	---	**3.0**	---
Molybdenum	mg/kg	2600(B)	1.5(B)	64(B)(X)	(B)NLV	1	**1.4**	< 1.0	**3.1**	**3.4**	< 1.0	**2.0**	< 1.0
Nickel	mg/kg	40000(B)	100(B)	110(B)(G)	(B)NLV	1	**8.1**	**9.1**	**15**	**25**	**4.4**	**5.3**	**4.9**
Selenium	mg/kg	2600(B)	4(B)	0.4(B)	(B)NLV	0.2	---	---	---	**4.2**	---	**0.22**	---
Silver	mg/kg	2500(B)	4.5(B)	0.1(B)(M);27	(B)NLV	0.1	---	---	---	< 0.1	---	< 0.1	---
Vanadium	mg/kg	750(DD)	72	430	NLV	1	**13**	**14**	**9.7**	**18**	**7.1**	**7.7**	**6.3**
Zinc	mg/kg	170000(B)	2400(B)	240(B)(G)	(B)NLV	1	---	---	---	**66**	---	**20**	---
PNA													
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 580	< 330	< 680	< 330
Acenaphthene	ug/kg	4.1e+007	300000	8700	1.9e+008	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Acenaphthylene	ug/kg	1.6e+006	5900	ID	1.6e+006	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Anthracene	ug/kg	2.3e+008	41000	ID	1e+009(D)	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	NLL	NLL	NLV	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Chrysene	ug/kg	2e+006(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Fluoranthene	ug/kg	4.6e+007	730000	5500	1e+009(D)	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Fluorene	ug/kg	2.7e+007	390000	5300	5.8e+008	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 470	< 330	< 550	< 330
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Phenanthrene	ug/kg	1.6e+006	56000	2100	2.8e+006	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330
Pyrene	ug/kg	2.9e+007	480000	ID	1e+009(D)	330	< 330	< 330	< 330	< 230	< 330	< 270	< 330

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	11/22/2011 11:27 AM	11/19/2011 9:14 AM	12/12/2011 10:29 AM	12/12/2011 10:49 AM	1/11/2012 10:50 AM	1/11/2012 10:50 AM	1/11/2012 10:40 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		ESTC0050L 103	ESTC0050R 104	ESTC0075L 107	ESTC0075L 107	ESTC0075R 131	ESTC0075R 131	ESTC0075R 133
	Sample						ESTC0050L 103S 112211S040	ESTC0050R 104S 111911S020	ESTC0075L 107S 121211S010	ESTC0075L107S121211S010-SPLIT	ESTC0075R 131S 011112S000	ESTC0075R131S011112S000-SPLIT	ESTC0075R 133S 011112S010
	Depth						4 - 4 ft	2 - 2 ft	1 - 1 ft	1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	1 - 1 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unknown Saturation	Unknown Saturation	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Split	Result	Split	Result
Solids													
Moisture	%	NCE	NCE	NCE	NCE	NCE	**18**	**16**	**14**	---	**32**	---	**39**
Solids	%	NCE	NCE	NCE	NCE	NCE	---	---	---	**85.6**	---	**73.3**	---
TPH													
Diesel Range Organics (C10-C20)	mg/kg	NCE	NCE	NCE	NCE	10	< 12	**18**	< 11	---	**30**	---	**24**
Diesel Range Organics (C10-C20)	ug/kg	NCE	NCE	NCE	NCE	10000	---	---	---	**32000**	---	< 34000	---
Gasoline Range Organics (C6-C10)	mg/kg	NCE	NCE	NCE	NCE	10	< 4.0	< 4.0	< 4.0	---	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	NCE	NCE	NCE	NCE	10000	---	---	---	< 6500	---	< 10000	---
Oil Range Organics (C20-C34)	mg/kg	NCE	NCE	NCE	NCE	20	**46**	**160**	**49**	---	**150**	---	**210**
Oil Range Organics (C20-C34)	ug/kg	NCE	NCE	NCE	NCE	20000	---	---	---	< 120000	---	**140000**	---
VOC													
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	1500	ID	6200	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,1,1-Trichloroethane	ug/kg	5e+008(C)	4000	1800	250000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,1,2,2-Tetrachloroethane	ug/kg	53000	170	1600(X)	4300	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,1,2-Trichloroethane	ug/kg	180000	100	6600(X)	4600	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,1-Dichloroethane	ug/kg	2.7e+007(C)	18000	15000	230000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,1-Dichloroethylene	ug/kg	200000(I)	140(I)	2600(I)	62(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,2,3-Trichlorobenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	840	NA	4000	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,2,3-Trimethylbenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 65	< 250	< 100	< 250
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	4200	5900(X)	9.6e+006(C)	330	< 250	< 250	< 250	< 320	< 250	< 500	< 250
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	2100(I)	570(I)	4.3e+006(C)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	14000	280	1.1e+007(C)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,2-Dichloroethane	ug/kg	91000(I)	100(I)	7200(I)(X)	2100(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,2-Dichloropropane	ug/kg	140000(I)	100(I)	4600(I)(X)	4000(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	1800(I)	1100(I)	2.6e+006(C)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,3-Dichlorobenzene	ug/kg	200000(C)	170	680	26000	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
1,3-Dichloropropene, cis	ug/kg	NCE	NCE	NCE	NCE	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,3-Dichloropropene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
1,4-Dichloro-2-butene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 53	< 51	< 55	< 320	< 86	< 500	< 110
1,4-Dichlorobenzene	ug/kg	400000	1700	360	19000	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	260000(I)	44000(I)	5.4e+007(C)	750	< 750	< 750	< 750	< 320	< 750	< 500	< 750
2-Hexanone	ug/kg	3.2e+007(C)	20000	ID	990000	2500	< 2500	< 2500	< 2500	< 320	< 2500	< 500	< 2500
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 320	< 330	< 500	< 370
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	36000(I)	(I)ID	3.7e+007(C)	2500	< 2500	< 2500	< 2500	< 320	< 2500	< 500	< 2500

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	11/22/2011 11:27 AM	11/19/2011 9:14 AM	12/12/2011 10:29 AM	12/12/2011 10:49 AM	1/11/2012 10:50 AM	1/11/2012 10:50 AM	1/11/2012 10:40 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		ESTC0050L 103	ESTC0050R 104	ESTC0075L 107	ESTC0075L 107	ESTC0075R 131	ESTC0075R 131	ESTC0075R 133
	Sample						ESTC0050L 103S 112211S040	ESTC0050R 104S 111911S020	ESTC0075L 107S 121211S010	ESTC0075L107S121211S010-SPLIT	ESTC0075R 131S 011112S000	ESTC0075R131S011112S000-SPLIT	ESTC0075R 133S 011112S010
	Depth						4 - 4 ft	2 - 2 ft	1 - 1 ft	1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	1 - 1 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unknown Saturation	Unknown Saturation	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Split	Result	Split	Result
Acetone	ug/kg	2.3e+007(I)	15000(I)	34000(I)	2.9e+008(C)	1000	< 1000	< 1000	< 1000	< 1300	< 1000	< 2000	< 1000
Acrylonitrile	ug/kg	16000(I)	100(I)(M);52	100(I)(M);40	6600(I)	100	< 100	< 100	< 100	< 320	< 100	< 500	< 110
Benzene	ug/kg	180000(I)	100(I)	4000(I)(X)	1600(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Bromobenzene	ug/kg	540000(I)	550(I)	(I)NA	310000(I)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Bromochloromethane	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Bromodichloromethane	ug/kg	110000	1600(W)	ID	1200	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Bromoform	ug/kg	820000	1600(W)	ID	150000	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Bromomethane	ug/kg	320000	200	700	860	200	< 200	< 200	< 200	< 260	< 200	< 400	< 200
Carbon disulfide	ug/kg	7.2e+006(C,DD)	16000(I,R)	(I,R)ID	76000(I,R)	250	< 250	< 250	< 250	< 65	< 250	< 100	< 250
Carbon tetrachloride	ug/kg	96000	100	900(X)	190	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Chlorobenzene	ug/kg	4.3e+006(C)	2000(I)	500(I)	120000(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Chloroethane	ug/kg	2.6e+006(C)	8600	22000(X)	2.9e+006(C)	250	< 250	< 250	< 250	< 320	< 290	< 500	< 370
Chloroform	ug/kg	1.2e+006	1600(W)	7000	7200	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Chloromethane	ug/kg	1.6e+006(C)	5200(I)	(I)ID	2300(I)	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	1400	12000	22000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Cyclohexane	ug/kg	NCE	NCE	NCE	NCE	500	< 500	< 500	< 500	< 320	< 500	< 500	< 500
Dibromochloromethane	ug/kg	110000	1600(W)	ID	3900	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Dibromochloropropane	ug/kg	4400(C)	10(M);4	ID	220(C)	10	< 53	< 51	< 55	< 320	< 86	< 500	< 110
Dibromomethane	ug/kg	2.5e+006(C)	1600	NA	ID	250	< 250	< 250	< 250	< 65	< 250	< 100	< 250
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	95000	ID	900000	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
Diethyl ether	ug/kg	1.1e+008(C)	200	ID	2.8e+007(C)	200	< 200	< 200	< 200	< 260	< 200	< 400	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	600	ID	670000(C)	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
Ethylbenzene	ug/kg	2.2e+007(C)	1500(I)	360(I)	87000(I)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Ethylene dibromide	ug/kg	92	20(M);1	110(X)	670	20	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	980	ID	540000	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
Hexachloroethane	ug/kg	230000	430	1800(X)	40000	300	< 300	< 300	< 300	< 320	< 300	< 500	< 300
Isopropyl benzene	ug/kg	2.5e+007(C)	91000	3200	400000(C)	250	< 250	< 250	< 250	< 65	< 250	< 100	< 250
m&p-Xylene	ug/kg	(J)	(J)	(J)	(J)	100	< 110	< 100	< 110	< 130	< 170	< 200	< 220
Methyl Iodide	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Methylene chloride	ug/kg	1.3e+006	100	30000(X)	45000	100	< 100	< 100	< 100	< 130	< 100	< 200	< 110
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	800	140000(X)	9.9e+006(C)	250	< 250	< 250	< 250	< 65	< 250	< 100	< 250
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 320	< 330	< 500	< 370
n-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
n-Propylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
o-Xylene	ug/kg	(J)	(J)	(J)	(J)	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	11/22/2011 11:27 AM	11/19/2011 9:14 AM	12/12/2011 10:29 AM	12/12/2011 10:49 AM	1/11/2012 10:50 AM	1/11/2012 10:50 AM	1/11/2012 10:40 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		ESTC0050L 103	ESTC0050R 104	ESTC0075L 107	ESTC0075L 107	ESTC0075R 131	ESTC0075R 131	ESTC0075R 133
	Sample						ESTC0050L 103S 112211S040	ESTC0050R 104S 111911S020	ESTC0075L 107S 121211S010	ESTC0075L107S121211S010-SPLIT	ESTC0075R 131S 011112S000	ESTC0075R131S011112S000-SPLIT	ESTC0075R 133S 011112S010
	Depth						4 - 4 ft	2 - 2 ft	1 - 1 ft	1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	1 - 1 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unknown Saturation	Unknown Saturation	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Split	Result	Split	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
sec-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Styrene	ug/kg	400000	2700	2100(X)	250000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	3900	NA	58000	250	< 250	< 250	< 250	< 320	< 250	< 500	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	78000	NA	3.1e+008(C)	2500	< 2500	< 2500	< 2500	< 3200	< 2500	< 5000	< 2500
t-Butylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Tetrachloroethylene	ug/kg	200000(C)	100	1200(X)	11000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Tetrahydrofuran	ug/kg	2.9e+006	1900	220000(X)	1.3e+006	1000	< 1000	< 1000	< 1000	< 320	< 1000	< 500	< 1000
Toluene	ug/kg	5e+007(C)	16000(I)	5400(I)	330000(C)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	2000	30000(X)	23000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Trichloroethylene	ug/kg	500000(C,DD)	100	4000(X)	1000	50	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Trichlorofluoromethane	ug/kg	7.9e+007(C)	52000	NA	2.8e+006(C)	100	< 100	< 100	< 100	< 65	< 100	< 100	< 110
Vinyl chloride	ug/kg	3800	40	260(X)	270	40	< 53	< 51	< 55	< 65	< 86	< 100	< 110
Xylenes	ug/kg	4.1e+008(C)	5600(I)	820(I)	6.3e+006(C)	150	< 110	< 100	< 110	---	< 170	---	< 220

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/11/2012 2:50 PM	1/11/2012 3:00 PM	1/17/2012 9:09 AM	1/19/2012 11:01 AM	1/20/2012 4:21 PM	1/20/2012 4:31 PM	1/23/2012 10:47 AM	1/18/2012 2:47 PM	1/20/2012 2:58 PM	1/20/2012 3:37 PM	1/20/2012 3:37 PM	1/20/2012 4:11 PM	1/20/2012 4:41 PM	1/20/2012 4:51 PM	1/23/2012 10:57 AM
	Location	ESTC0075R 134	ESTC0075R 135	ESTC0100L 126	ESTC0100L 131	ESTC0100L 137	ESTC0100L 138	ESTC0100L 139	ESTC0100R 146	ESTC0100R 153	ESTC0100R 154	ESTC0100R 154	ESTC0100R 155	ESTC0100R 156	ESTC0100R 157	ESTC0100R 158
	Sample	ESTC0075R 134S 011112S015	ESTC0075R 135S 011112S000	ESTC0100L 126S 011712S015	ESTC0100L 131S 011912S010	ESTC0100L 137S 012012S005	ESTC0100L 138S 012012S005	ESTC0100L 139S 012312S005	ESTC0100R 146S 011812S005	ESTC0100R 153S 012012S010	ESTC0100R 154S 012012S020	ESTC0100R154S012012S020-SPLIT	ESTC0100R 155S 012012S005	ESTC0100R 156S 012012S000	ESTC0100R 157S 012012S005	ESTC0100R 158S 012312S005
	Depth	1.5 - 1.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	2 - 2 ft	2 - 2 ft	0.5 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	**8.0**	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	**95**	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.6	< 0.50	< 0.50	< 0.76	< 0.50	**0.29**	< 0.50	< 1.3	< 0.50	**0.83**
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	**0.72**	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	**8.8**	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	**76**	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	**20000**	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	**11**	---	---	---	---
Molybdenum	mg/kg	**3.8**	< 1.0	**1.7**	< 1.0	**3.0**	**3.3**	**1.1**	**5.6**	**4.1**	**8.1**	**5.8**	**1.8**	< 2.5	**5.6**	< 1.4
Nickel	mg/kg	**8.1**	**6.7**	**5.7**	**6.6**	**8.6**	**5.1**	**5.2**	**11**	**13**	**8.9**	**8.7**	**6.2**	**5.6**	**8.2**	**13**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	**2.3**	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---
Vanadium	mg/kg	**14**	**10**	**7.0**	**10**	**10**	**6.5**	**7.7**	**14**	**20**	**11**	**15**	< 1.0	**5.5**	**11**	**26**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	**43**	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 1100	< 330	< 390	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	**460**	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	**470**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	**470**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	**640**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	**470**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	**560**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	**600**	< 330	< 330	< 330	< 330	< 870	< 330	< 390	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 420	< 330	< 330	< 330	< 330	< 440	< 330	< 390	< 330	< 330

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/11/2012 2:50 PM	1/11/2012 3:00 PM	1/17/2012 9:09 AM	1/19/2012 11:01 AM	1/20/2012 4:21 PM	1/20/2012 4:31 PM	1/23/2012 10:47 AM	1/18/2012 2:47 PM	1/20/2012 2:58 PM	1/20/2012 3:37 PM	1/20/2012 3:37 PM	1/20/2012 4:11 PM	1/20/2012 4:41 PM	1/20/2012 4:51 PM	1/23/2012 10:57 AM
	Location	ESTC0075R 134	ESTC0075R 135	ESTC0100L 126	ESTC0100L 131	ESTC0100L 137	ESTC0100L 138	ESTC0100L 139	ESTC0100R 146	ESTC0100R 153	ESTC0100R 154	ESTC0100R 154	ESTC0100R 155	ESTC0100R 156	ESTC0100R 157	ESTC0100R 158
	Sample	ESTC0075R 134S 011112S015	ESTC0075R 135S 011112S000	ESTC0100L 126S 011712S015	ESTC0100L 131S 011912S010	ESTC0100L 137S 012012S005	ESTC0100L 138S 012012S005	ESTC0100L 139S 012312S005	ESTC0100R 146S 011812S005	ESTC0100R 153S 012012S010	ESTC0100R 154S 012012S020	ESTC0100R154S012012S020-SPLIT	ESTC0100R 155S 012012S005	ESTC0100R 156S 012012S000	ESTC0100R 157S 012012S005	ESTC0100R 158S 012312S005
	Depth	1.5 - 1.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	2 - 2 ft	2 - 2 ft	0.5 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
Solids																
Moisture	%	**35**	**9.6**	**55**	**34**	**49**	**88**	**37**	**66**	**58**	**61**	---	**59**	**88**	**56**	**79**
Solids	%	---	---	---	---	---	---	---	---	---	---	**45.9**	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**29**	< 11	< 22	< 15	**37**	< 83	< 15	< 29	< 23	**66**	---	< 25	< 79	**270**	< 45
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	< 54000	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.7	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 8.1	< 4.0	< 4.7
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**150**	**56**	**180**	**78**	**430**	**1400**	**180**	**270**	**240**	**810**	---	**200**	**1000**	**840**	**120**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	**780000**	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,1,1-Trichloroethane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,1,2,2-Tetrachloroethane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,1,2-Trichloroethane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,1-Dichloroethane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,1-Dichloroethylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 170	< 290	< 4000	< 250	< 1300
1,2,4-Trichlorobenzene	ug/kg	**330**	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,2-Dichlorobenzene	ug/kg	**120**	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,2-Dichloroethane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,2-Dichloropropane	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,3-Dichlorobenzene	ug/kg	**160**	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,3-Dichloropropene, cis	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,3-Dichloropropene, trans	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
1,4-Dichloro-2-butene, trans	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 870	< 290	< 4000	< 240	< 1300
1,4-Dichlorobenzene	ug/kg	**150**	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
2-Butanone (MEK)	ug/kg	< 750	< 750	< 770	< 750	< 750	< 14000	< 750	< 1500	< 900	< 1100	< 870	< 980	< 13000	< 800	< 4500
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 4100	< 2500	< 2500	< 2500	< 2500	< 870	< 2500	< 4000	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 770	< 330	< 580	< 14000	< 350	< 1500	< 900	< 1100	< 870	< 980	< 13000	< 800	< 4500
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 4100	< 2500	< 2500	< 2500	< 2500	< 870	< 2500	< 4000	< 2500	< 2500

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Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
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	Date \ Time Collected	1/11/2012 2:50 PM	1/11/2012 3:00 PM	1/17/2012 9:09 AM	1/19/2012 11:01 AM	1/20/2012 4:21 PM	1/20/2012 4:31 PM	1/23/2012 10:47 AM	1/18/2012 2:47 PM	1/20/2012 2:58 PM	1/20/2012 3:37 PM	1/20/2012 3:37 PM	1/20/2012 4:11 PM	1/20/2012 4:41 PM	1/20/2012 4:51 PM	1/23/2012 10:57 AM
	Location	ESTC0075R 134	ESTC0075R 135	ESTC0100L 126	ESTC0100L 131	ESTC0100L 137	ESTC0100L 138	ESTC0100L 139	ESTC0100R 146	ESTC0100R 153	ESTC0100R 154	ESTC0100R 154	ESTC0100R 155	ESTC0100R 156	ESTC0100R 157	ESTC0100R 158
	Sample	ESTC0075R 134S 011112S015	ESTC0075R 135S 011112S000	ESTC0100L 126S 011712S015	ESTC0100L 131S 011912S010	ESTC0100L 137S 012012S005	ESTC0100L 138S 012012S005	ESTC0100L 139S 012312S005	ESTC0100R 146S 011812S005	ESTC0100R 153S 012012S010	ESTC0100R 154S 012012S020	ESTC0100R154S012012S020-SPLIT	ESTC0100R 155S 012012S005	ESTC0100R 156S 012012S000	ESTC0100R 157S 012012S005	ESTC0100R 158S 012312S005
	Depth	1.5 - 1.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	2 - 2 ft	2 - 2 ft	0.5 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1900	< 1000	< 1500	< 34000	< 1000	< 3600	< 2300	< 4900	< 3500	< 2400	< 33000	< 2800	< 11000
Acrylonitrile	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 870	< 290	< 4000	< 240	< 1300
Benzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Bromobenzene	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Bromochloromethane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Bromodichloromethane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Bromoform	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Bromomethane	ug/kg	< 200	< 200	< 230	< 200	< 200	< 4100	< 200	< 440	< 270	< 320	< 700	< 290	< 4000	< 240	< 1300
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 170	< 290	< 4000	< 250	< 1300
Carbon tetrachloride	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Chlorobenzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Chloroethane	ug/kg	< 320	< 250	< 770	< 330	< 580	< 14000	< 350	< 1500	< 900	< 1100	< 870	< 980	< 13000	< 800	< 4500
Chloroform	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Chloromethane	ug/kg	< 250	< 250	< 390	< 250	< 290	**6200**	< 250	< 440	< 450	< 540	< 870	< 490	< 6700	< 560	< 1300
cis-1,2-Dichloroethylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 4100	< 500	< 500	< 500	< 500	< 870	< 500	< 4000	< 500	< 1300
Dibromochloromethane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Dibromochloropropane	ug/kg	< 96	< 40	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 870	< 290	< 4000	< 240	< 1300
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 170	< 290	< 4000	< 250	< 1300
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
Diethyl ether	ug/kg	< 200	< 200	< 230	< 200	< 200	< 4100	< 200	< 440	< 270	< 320	< 700	< 290	< 4000	< 240	< 1300
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
Ethylbenzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Ethylene dibromide	ug/kg	< 96	< 40	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 4100	< 300	< 440	< 300	< 320	< 870	< 300	< 4000	< 300	< 1300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 170	< 290	< 4000	< 250	< 1300
m&p-Xylene	ug/kg	< 190	< 100	< 460	< 200	< 350	< 8200	< 210	< 870	< 540	< 650	< 350	< 590	< 8000	< 480	< 2700
Methyl Iodide	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Methylene chloride	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 350	< 290	< 4000	< 240	< 1300
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 170	< 290	< 4000	< 250	< 1300
Naphthalene	ug/kg	**350**	< 330	< 770	< 330	< 580	< 14000	< 350	< 1500	< 900	< 1100	< 870	< 980	< 13000	< 800	< 4500
n-Butylbenzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
n-Propylbenzene	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
o-Xylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/11/2012 2:50 PM	1/11/2012 3:00 PM	1/17/2012 9:09 AM	1/19/2012 11:01 AM	1/20/2012 4:21 PM	1/20/2012 4:31 PM	1/23/2012 10:47 AM	1/18/2012 2:47 PM	1/20/2012 2:58 PM	1/20/2012 3:37 PM	1/20/2012 3:37 PM	1/20/2012 4:11 PM	1/20/2012 4:41 PM	1/20/2012 4:51 PM	1/23/2012 10:57 AM
	Location	ESTC0075R 134	ESTC0075R 135	ESTC0100L 126	ESTC0100L 131	ESTC0100L 137	ESTC0100L 138	ESTC0100L 139	ESTC0100R 146	ESTC0100R 153	ESTC0100R 154	ESTC0100R 154	ESTC0100R 155	ESTC0100R 156	ESTC0100R 157	ESTC0100R 158
	Sample	ESTC0075R 134S 011112S015	ESTC0075R 135S 011112S000	ESTC0100L 126S 011712S015	ESTC0100L 131S 011912S010	ESTC0100L 137S 012012S005	ESTC0100L 138S 012012S005	ESTC0100L 139S 012312S005	ESTC0100R 146S 011812S005	ESTC0100R 153S 012012S010	ESTC0100R 154S 012012S020	ESTC0100R154S012012S020-SPLIT	ESTC0100R 155S 012012S005	ESTC0100R 156S 012012S000	ESTC0100R 157S 012012S005	ESTC0100R 158S 012312S005
	Depth	1.5 - 1.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	2 - 2 ft	2 - 2 ft	0.5 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
sec-Butylbenzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Styrene	ug/kg	**100**	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 4100	< 250	< 440	< 270	< 320	< 870	< 290	< 4000	< 250	< 1300
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 14000	< 2500	< 2500	< 2500	< 2500	< 8700	< 2500	< 13000	< 2500	< 4500
t-Butylbenzene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Tetrachloroethylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 14000	< 1000	< 1500	< 1000	< 1100	< 870	< 1000	< 13000	< 1000	< 4500
Toluene	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	**8600**	**2900**	< 290	< 4000	**1800**	< 1300
trans-1,2-Dichloroethylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Trichloroethylene	ug/kg	< 96	< 50	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Trichlorofluoromethane	ug/kg	< 100	< 100	< 230	< 100	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Vinyl chloride	ug/kg	< 96	< 40	< 230	< 99	< 170	< 4100	< 110	< 440	< 270	< 320	< 170	< 290	< 4000	< 240	< 1300
Xylenes	ug/kg	< 190	< 100	< 460	< 200	< 350	< 8200	< 210	< 870	< 540	< 650	---	< 590	< 8000	< 480	< 2700

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/23/2012 10:57 AM	1/25/2012 10:43 AM	1/25/2012 1:14 PM	2/2/2012 9:48 AM
	Location	ESTC0100R 158	ESTC0100R 159	ESTC0100R 160	ESTC0125R 205
	Sample	ESTC0100R 158D 012312S005	ESTC0100R 159S 012512S005	ESTC0100R 160S 012512S010	ESTC0125R 205S 020212S005
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result
Metals					
Arsenic	mg/kg	---	---	---	---
Barium	mg/kg	---	---	---	---
Beryllium	mg/kg	**0.64**	< 0.50	**0.93**	< 0.50
Cadmium	mg/kg	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---
Copper	mg/kg	---	---	---	---
Iron	mg/kg	---	---	---	---
Lead	mg/kg	---	---	---	---
Molybdenum	mg/kg	< 1.2	**1.4**	**2.5**	**1.0**
Nickel	mg/kg	**11**	**9.2**	**22**	**9.0**
Selenium	mg/kg	---	---	---	---
Silver	mg/kg	---	---	---	---
Vanadium	mg/kg	**16**	**10**	**44**	**17**
Zinc	mg/kg	---	---	---	---
PNA					
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/23/2012 10:57 AM	1/25/2012 10:43 AM	1/25/2012 1:14 PM	2/2/2012 9:48 AM
	Location	ESTC0100R 158	ESTC0100R 159	ESTC0100R 160	ESTC0125R 205
	Sample	ESTC0100R 158D 012312S005	ESTC0100R 159S 012512S005	ESTC0100R 160S 012512S010	ESTC0125R 205S 020212S005
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result
Solids					
Moisture	%	**74**	**45**	**64**	**19**
Solids	%	---	---	---	---
TPH					
Diesel Range Organics (C10-C20)	mg/kg	< 37	< 18	**54**	< 11
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**180**	**120**	**460**	**80**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---
VOC					
1,1,1,2-Tetrachloroethane	ug/kg	< 830	< 140	< 380	< 100
1,1,1-Trichloroethane	ug/kg	< 830	< 140	< 380	< 58
1,1,2,2-Tetrachloroethane	ug/kg	< 830	< 140	< 380	< 58
1,1,2-Trichloroethane	ug/kg	< 830	< 140	< 380	< 58
1,1-Dichloroethane	ug/kg	< 830	< 140	< 380	< 58
1,1-Dichloroethylene	ug/kg	< 830	< 140	< 380	< 58
1,2,3-Trichlorobenzene	ug/kg	< 830	< 250	< 380	< 250
1,2,3-Trichloropropane	ug/kg	< 830	< 140	< 380	< 100
1,2,3-Trimethylbenzene	ug/kg	< 830	< 250	< 380	< 250
1,2,4-Trichlorobenzene	ug/kg	< 830	< 250	< 380	< 250
1,2,4-Trimethylbenzene	ug/kg	< 830	< 140	< 380	< 100
1,2-Dichlorobenzene	ug/kg	< 830	< 140	< 380	< 100
1,2-Dichloroethane	ug/kg	< 830	< 140	< 380	< 58
1,2-Dichloropropane	ug/kg	< 830	< 140	< 380	< 58
1,3,5-Trimethylbenzene	ug/kg	< 830	< 140	< 380	< 100
1,3-Dichlorobenzene	ug/kg	< 830	< 140	< 380	< 100
1,3-Dichloropropene, cis	ug/kg	< 830	< 140	< 380	< 58
1,3-Dichloropropene, trans	ug/kg	< 830	< 140	< 380	< 58
1,4-Dichloro-2-butene, trans	ug/kg	< 830	< 140	< 380	< 58
1,4-Dichlorobenzene	ug/kg	< 830	< 140	< 380	< 100
2-Butanone (MEK)	ug/kg	< 2800	< 760	< 1900	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 2800	< 480	< 1900	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500

Table 9. Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/23/2012 10:57 AM	1/25/2012 10:43 AM	1/25/2012 1:14 PM	2/2/2012 9:48 AM
	Location	ESTC0100R 158	ESTC0100R 159	ESTC0100R 160	ESTC0125R 205
	Sample	ESTC0100R 158D 012312S005	ESTC0100R 159S 012512S005	ESTC0100R 160S 012512S010	ESTC0125R 205S 020212S005
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result
Acetone	ug/kg	< 6900	< 1300	< 3700	< 1000
Acrylonitrile	ug/kg	< 830	< 140	< 380	< 100
Benzene	ug/kg	< 830	< 140	< 380	< 58
Bromobenzene	ug/kg	< 830	< 140	< 380	< 100
Bromochloromethane	ug/kg	< 830	< 140	< 380	< 100
Bromodichloromethane	ug/kg	< 830	< 140	< 380	< 100
Bromoform	ug/kg	< 830	< 140	< 380	< 100
Bromomethane	ug/kg	< 830	< 200	< 380	< 200
Carbon disulfide	ug/kg	< 830	< 250	< 380	< 250
Carbon tetrachloride	ug/kg	< 830	< 140	< 380	< 58
Chlorobenzene	ug/kg	< 830	< 140	< 380	< 58
Chloroethane	ug/kg	< 2800	< 480	< 1300	< 250
Chloroform	ug/kg	< 830	< 140	< 380	< 58
Chloromethane	ug/kg	< 830	< 250	< 640	< 250
cis-1,2-Dichloroethylene	ug/kg	< 830	< 140	< 380	< 58
Cyclohexane	ug/kg	< 830	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 830	< 140	< 380	< 100
Dibromochloropropane	ug/kg	< 830	< 140	< 380	< 58
Dibromomethane	ug/kg	< 830	< 250	< 380	< 250
Dichlorodifluoromethane	ug/kg	< 830	< 250	< 380	< 250
Diethyl ether	ug/kg	< 830	< 200	< 380	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 830	< 250	< 380	< 250
Ethylbenzene	ug/kg	< 830	< 140	< 380	< 58
Ethylene dibromide	ug/kg	< 830	< 140	< 380	< 58
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 830	< 250	< 380	< 250
Hexachloroethane	ug/kg	< 830	< 300	< 380	< 300
Isopropyl benzene	ug/kg	< 830	< 250	< 380	< 250
m&p-Xylene	ug/kg	< 1700	< 290	< 770	< 120
Methyl Iodide	ug/kg	< 830	< 140	< 380	< 100
Methylene chloride	ug/kg	< 830	< 310	< 890	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 830	< 250	< 380	< 250
Naphthalene	ug/kg	< 2800	< 480	< 1300	< 330
n-Butylbenzene	ug/kg	< 830	< 140	< 380	< 58
n-Propylbenzene	ug/kg	< 830	< 140	< 380	< 100
o-Xylene	ug/kg	< 830	< 140	< 380	< 58

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	Date \ Time Collected	1/23/2012 10:57 AM	1/25/2012 10:43 AM	1/25/2012 1:14 PM	2/2/2012 9:48 AM
	Location	ESTC0100R 158	ESTC0100R 159	ESTC0100R 160	ESTC0125R 205
	Sample	ESTC0100R 158D 012312S005	ESTC0100R 159S 012512S005	ESTC0100R 160S 012512S010	ESTC0125R 205S 020212S005
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Duplicate	Result	Result	Result
p-Isopropyl toluene (p-Cymene)	ug/kg	< 830	< 140	< 380	< 100
sec-Butylbenzene	ug/kg	< 830	< 140	< 380	< 58
Styrene	ug/kg	< 830	< 140	< 380	< 58
t-Amyl methyl ether (TAME)	ug/kg	< 830	< 250	< 380	< 250
t-Butyl alcohol	ug/kg	< 2800	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 830	< 140	< 380	< 58
Tetrachloroethylene	ug/kg	< 830	< 140	< 380	< 58
Tetrahydrofuran	ug/kg	< 2800	< 1000	< 1300	< 1000
Toluene	ug/kg	< 830	< 140	< 380	< 100
trans-1,2-Dichloroethylene	ug/kg	< 830	< 140	< 380	< 58
Trichloroethylene	ug/kg	< 830	< 140	< 380	< 58
Trichlorofluoromethane	ug/kg	< 830	< 140	< 380	< 100
Vinyl chloride	ug/kg	< 830	< 140	< 380	< 58
Xylenes	ug/kg	< 1700	< 290	< 770	< 120

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
--- = not completed/not analyzed.
ft = feet.

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Table 9. Footnotes - Reach 3 Unsaturated Soil Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLL = hazardous substance is not likely to leach under most soil conditions.
NLV = hazardous substance is not likely to volatilize under most conditions.
pH = a measure of the acidity or basicity of an aqueous solution.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
USCS = Unified Soil Classification System.
VOC = volatile organic compound.

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	11/19/2011 9:19 AM	11/19/2011 9:19 AM	12/9/2011 11:29 AM	12/9/2011 11:41 AM	12/12/2011 10:03 AM	12/13/2011 9:49 AM	12/13/2011 9:49 AM	1/9/2012 11:24 AM	1/9/2012 11:27 AM	1/9/2012 2:14 PM	1/9/2012 2:21 PM	1/10/2012 9:54 AM
	Location			ESTC0050R 105	ESTC0050R 105	ESTC0075L 104	ESTC0075L 105	ESTC0075L 106	ESTC0075L 108	ESTC0075L 108	ESTC0075L 109	ESTC0075L 110	ESTC0075L 111	ESTC0075L 112	ESTC0075L 113
	Sample	Direct Contact Criteria		ESTC0050R 105S 111911S000	ESTC0050R105S111911S000-SPLIT	ESTC0075L 104S 120911S010	ESTC0075L 105S 120911S015	ESTC0075L 106S 121211S000	ESTC0075L 108S 121311S000	ESTC0075L108S121311S000-SPLIT	ESTC0075L 109S 010912S000	ESTC0075L 110S 010912S000	ESTC0075L 111S 010912S000	ESTC0075L 112S 010912S015	ESTC0075L 113S 011012S000
	Depth			0 - 0.5 ft	0 - 0 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	0 - 0.5 ft
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	7.6	0.1	---	**13**	---	---	---	---	**17**	---	---	---	---	---
Barium	mg/kg	37000(B)	1	---	**12**	---	---	---	---	**11**	---	---	---	---	---
Beryllium	mg/kg	410	0.5	< 0.50	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50	**0.53**	< 0.50	< 0.50
Cadmium	mg/kg	550(B)	0.2	---	< 0.2	---	---	---	---	< 0.2	---	---	---	---	---
Chromium (Total)	mg/kg	2500	2	---	**5.5**	---	---	---	---	**6.0**	---	---	---	---	---
Copper	mg/kg	20000(B)	1	---	**3.0**	---	---	---	---	**6.8**	---	---	---	---	---
Iron	mg/kg	160000(B)	5	---	**19000**	---	---	---	---	**8700**	---	---	---	---	---
Lead	mg/kg	400(B)	1	---	**2.2**	---	---	---	---	**3.6**	---	---	---	---	---
Molybdenum	mg/kg	2600(B)	1	**2.5**	**1.7**	**1.6**	**5.2**	< 1.0	**1.3**	< 1	**10**	< 1.0	**63**	**9.6**	< 1.0
Nickel	mg/kg	40000(B)	1	**6.8**	**5.7**	**13**	**14**	**5.5**	**13**	**8.8**	**5.2**	**3.8**	**20**	**7.0**	**6.1**
Selenium	mg/kg	2600(B)	0.2	---	< 0.2	---	---	---	---	**0.28**	---	---	---	---	---
Silver	mg/kg	2500(B)	0.1	---	< 0.1	---	---	---	---	< 0.1	---	---	---	---	---
Vanadium	mg/kg	750(DD)	1	**11**	**8.8**	**19**	**20**	**8.1**	**17**	**10**	**7.6**	**4.7**	**23**	**9.6**	**5.8**
Zinc	mg/kg	170000(B)	1	---	**20**	---	---	---	---	**22**	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 330	< 740	< 330	< 330	< 330	< 330	< 620	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	4.1e+007	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	1.6e+006	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	2.3e+008	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	2e+006(Q)	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	4.6e+007	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	2.7e+007	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	330	< 330	< 590	< 330	< 330	< 330	< 330	< 490	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	1.6e+007	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	1.6e+006	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	2.9e+007	330	< 330	< 290	< 330	< 330	< 330	< 330	< 250	< 330	< 330	< 330	< 330	< 330

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	11/19/2011 9:19 AM	11/19/2011 9:19 AM	12/9/2011 11:29 AM	12/9/2011 11:41 AM	12/12/2011 10:03 AM	12/13/2011 9:49 AM	12/13/2011 9:49 AM	1/9/2012 11:24 AM	1/9/2012 11:27 AM	1/9/2012 2:14 PM	1/9/2012 2:21 PM	1/10/2012 9:54 AM
	Location			ESTC0050R 105	ESTC0050R 105	ESTC0075L 104	ESTC0075L 105	ESTC0075L 106	ESTC0075L 108	ESTC0075L 108	ESTC0075L 109	ESTC0075L 110	ESTC0075L 111	ESTC0075L 112	ESTC0075L 113
	Sample	Direct Contact Criteria		ESTC0050R 105S 111911S000	ESTC0050R105S111911S000-SPLIT	ESTC0075L 104S 120911S010	ESTC0075L 105S 120911S015	ESTC0075L 106S 121211S000	ESTC0075L 108S 121311S000	ESTC0075L108S121311S000-SPLIT	ESTC0075L 109S 010912S000	ESTC0075L 110S 010912S000	ESTC0075L 111S 010912S000	ESTC0075L 112S 010912S015	ESTC0075L 113S 011012S000
	Depth			0 - 0.5 ft	0 - 0 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	0 - 0.5 ft
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
Solids															
Moisture	%	NCE	NCE	**33**	---	**21**	**55**	**15**	**20**	---	**40**	**17**	**44**	**59**	**13**
Solids	%	NCE	NCE	---	**67.9**	---	---	---	---	**81.2**	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	NCE	10	< 15	---	**35**	**24**	< 11	**13**	---	< 16	< 11	< 17	< 23	< 11
Diesel Range Organics (C10-C20)	ug/kg	NCE	10000	---	**61000**	---	---	---	---	< 31000	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	NCE	10	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	NCE	10000	---	< 10000	---	---	---	---	< 7900	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	NCE	20	**55**	---	**200**	**150**	**27**	**48**	---	**140**	< 23	**240**	**61**	**34**
Oil Range Organics (C20-C34)	ug/kg	NCE	20000	---	< 150000	---	---	---	---	< 120000	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,1,1-Trichloroethane	ug/kg	5e+008(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,1,2,2-Tetrachloroethane	ug/kg	53000	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,1,2-Trichloroethane	ug/kg	180000	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,1-Dichloroethane	ug/kg	2.7e+007(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,1-Dichloroethylene	ug/kg	200000(I)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,2,3-Trichlorobenzene	ug/kg	NCE	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,2,3-Trimethylbenzene	ug/kg	NCE	250	< 250	< 100	< 250	< 250	< 250	< 250	< 79	< 250	< 250	< 250	< 290	< 250
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	330	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,2-Dichloroethane	ug/kg	91000(I)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,2-Dichloropropane	ug/kg	140000(I)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,3-Dichlorobenzene	ug/kg	200000(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
1,3-Dichloropropene, cis	ug/kg	NCE	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,3-Dichloropropene, trans	ug/kg	NCE	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
1,4-Dichloro-2-butene, trans	ug/kg	NCE	50	< 89	< 500	< 59	< 230	< 50	< 57	< 400	< 130	< 51	< 140	< 290	< 50
1,4-Dichlorobenzene	ug/kg	400000	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	750	< 750	< 500	< 750	< 780	< 750	< 750	< 400	< 750	< 750	< 750	< 950	< 750
2-Hexanone	ug/kg	3.2e+007(C)	2500	< 2500	< 500	< 2500	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	8.1e+006	330	< 330	< 500	< 330	< 780	< 330	< 330	< 400	< 440	< 330	< 480	< 950	< 330

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	11/19/2011 9:19 AM	11/19/2011 9:19 AM	12/9/2011 11:29 AM	12/9/2011 11:41 AM	12/12/2011 10:03 AM	12/13/2011 9:49 AM	12/13/2011 9:49 AM	1/9/2012 11:24 AM	1/9/2012 11:27 AM	1/9/2012 2:14 PM	1/9/2012 2:21 PM	1/10/2012 9:54 AM
	Location			ESTC0050R 105	ESTC0050R 105	ESTC0075L 104	ESTC0075L 105	ESTC0075L 106	ESTC0075L 108	ESTC0075L 108	ESTC0075L 109	ESTC0075L 110	ESTC0075L 111	ESTC0075L 112	ESTC0075L 113
	Sample	Direct Contact Criteria		ESTC0050R 105S 111911S000	ESTC0050R105S111911S000-SPLIT	ESTC0075L 104S 120911S010	ESTC0075L 105S 120911S015	ESTC0075L 106S 121211S000	ESTC0075L 108S 121311S000	ESTC0075L108S121311S000-SPLIT	ESTC0075L 109S 010912S000	ESTC0075L 110S 010912S000	ESTC0075L 111S 010912S000	ESTC0075L 112S 010912S015	ESTC0075L 113S 011012S000
	Depth			0 - 0.5 ft	0 - 0 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	0 - 0.5 ft
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	2500	< 2500	< 500	< 2500	< 2500	< 2500	< 2500	< 400	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	2.3e+007(I)	1000	< 1000	< 2000	< 1000	< 1900	< 1000	< 1000	< 1600	< 2000	< 1000	< 1200	< 2400	< 1000
Acrylonitrile	ug/kg	16000(I)	100	< 100	< 500	< 100	< 230	< 100	< 100	< 400	< 130	< 100	< 140	< 290	< 100
Benzene	ug/kg	180000(I)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Bromobenzene	ug/kg	540000(I)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Bromochloromethane	ug/kg	NCE	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Bromodichloromethane	ug/kg	110000	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Bromoform	ug/kg	820000	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Bromomethane	ug/kg	320000	200	< 200	< 400	< 200	< 230	< 200	< 200	< 320	< 200	< 200	< 200	< 290	< 200
Carbon disulfide	ug/kg	7.2e+006(C,DD)	250	< 250	< 100	< 250	< 250	< 250	< 250	< 79	< 250	< 250	< 250	< 290	< 250
Carbon tetrachloride	ug/kg	96000	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Chlorobenzene	ug/kg	4.3e+006(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Chloroethane	ug/kg	2.6e+006(C)	250	< 300	< 500	< 250	< 780	< 250	< 250	< 400	< 440	< 250	< 480	< 950	< 250
Chloroform	ug/kg	1.2e+006	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Chloromethane	ug/kg	1.6e+006(C)	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Cyclohexane	ug/kg	NCE	500	< 500	< 500	< 500	< 500	< 500	< 500	< 400	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	110000	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Dibromochloropropane	ug/kg	4400(C)	10	< 89	< 500	< 59	< 230	< 49	< 57	< 400	< 130	< 51	< 140	< 290	< 45
Dibromomethane	ug/kg	2.5e+006(C)	250	< 250	< 100	< 250	< 250	< 250	< 250	< 79	< 250	< 250	< 250	< 290	< 250
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
Diethyl ether	ug/kg	1.1e+008(C)	200	< 200	< 400	< 200	< 230	< 200	< 200	< 320	< 200	< 200	< 200	< 290	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
Ethylbenzene	ug/kg	2.2e+007(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Ethylene dibromide	ug/kg	92	20	< 89	< 100	< 59	< 230	< 49	< 57	< 79	< 130	< 51	< 140	< 290	< 45
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
Hexachloroethane	ug/kg	230000	300	< 300	< 500	< 300	< 300	< 300	< 300	< 400	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	2.5e+007(C)	250	< 250	< 100	< 250	< 250	< 250	< 250	< 79	< 250	< 250	< 250	< 290	< 250
m&p-Xylene	ug/kg	(J)	100	< 180	< 200	< 120	< 470	< 100	< 110	< 160	< 260	< 100	< 290	< 570	< 100
Methyl Iodide	ug/kg	NCE	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Methylene chloride	ug/kg	1.3e+006	100	< 100	< 200	< 100	< 230	< 100	< 100	< 160	< 130	< 100	< 140	< 290	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	250	< 250	< 100	< 250	< 250	< 250	< 250	< 79	< 250	< 250	< 250	< 290	< 250
Naphthalene	ug/kg	1.6e+007	330	< 330	< 500	< 330	< 780	< 330	< 330	< 400	< 440	< 330	< 480	< 950	< 330
n-Butylbenzene	ug/kg	2.5e+006	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria	Target Detection Limits - Soil	11/19/2011 9:19 AM	11/19/2011 9:19 AM	12/9/2011 11:29 AM	12/9/2011 11:41 AM	12/12/2011 10:03 AM	12/13/2011 9:49 AM	12/13/2011 9:49 AM	1/9/2012 11:24 AM	1/9/2012 11:27 AM	1/9/2012 2:14 PM	1/9/2012 2:21 PM	1/10/2012 9:54 AM
	Location			ESTC0050R 105	ESTC0050R 105	ESTC0075L 104	ESTC0075L 105	ESTC0075L 106	ESTC0075L 108	ESTC0075L 108	ESTC0075L 109	ESTC0075L 110	ESTC0075L 111	ESTC0075L 112	ESTC0075L 113
	Sample	Direct Contact Criteria		ESTC0050R 105S 111911S000	ESTC0050R105S111911S000-SPLIT	ESTC0075L 104S 120911S010	ESTC0075L 105S 120911S015	ESTC0075L 106S 121211S000	ESTC0075L 108S 121311S000	ESTC0075L108S121311S000-SPLIT	ESTC0075L 109S 010912S000	ESTC0075L 110S 010912S000	ESTC0075L 111S 010912S000	ESTC0075L 112S 010912S015	ESTC0075L 113S 011012S000
	Depth			0 - 0.5 ft	0 - 0 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	0 - 0.5 ft
	USCS Code			Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status			Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units			Result	Split	Result	Result	Result	Result	Split	Result	Result	Result	Result	Result
n-Propylbenzene	ug/kg	2.5e+006(I)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
o-Xylene	ug/kg	(J)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
sec-Butylbenzene	ug/kg	2.5e+006	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Styrene	ug/kg	400000	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	250	< 250	< 500	< 250	< 250	< 250	< 250	< 400	< 250	< 250	< 250	< 290	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	2500	< 2500	< 5000	< 2500	< 2500	< 2500	< 2500	< 4000	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	2.5e+006(I)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Tetrachloroethylene	ug/kg	200000(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Tetrahydrofuran	ug/kg	2.9e+006	1000	< 1000	< 500	< 1000	< 1000	< 1000	< 1000	< 400	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	5e+007(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Trichloroethylene	ug/kg	500000(C,DD)	50	< 89	< 100	< 59	< 230	< 50	< 57	< 79	< 130	< 51	< 140	< 290	< 50
Trichlorofluoromethane	ug/kg	7.9e+007(C)	100	< 100	< 100	< 100	< 230	< 100	< 100	< 79	< 130	< 100	< 140	< 290	< 100
Vinyl chloride	ug/kg	3800	40	< 89	< 100	< 59	< 230	< 49	< 57	< 79	< 130	< 51	< 140	< 290	< 45
Xylenes	ug/kg	4.1e+008(C)	150	< 180	---	< 120	< 470	< 100	< 110	---	< 260	< 100	< 290	< 570	< 100

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/10/2012 3:29 PM	1/11/2012 1:20 PM	1/11/2012 3:10 PM	1/11/2012 4:00 PM	1/11/2012 5:15 PM	1/12/2012 2:16 PM	1/12/2012 2:24 PM	1/16/2012 11:36 AM	1/16/2012 11:41 AM	1/16/2012 11:41 AM	1/16/2012 11:47 AM	1/16/2012 3:59 PM	1/16/2012 4:04 PM	1/16/2012 4:04 PM	12/8/2011 5:01 PM
	Location	ESTC0075L 114	ESTC0075L 115	ESTC0075L 116	ESTC0075L 117	ESTC0075L 118	ESTC0075L 119	ESTC0075L 120	ESTC0075L 121	ESTC0075L 122	ESTC0075L 122	ESTC0075L 123	ESTC0075L 124	ESTC0075L 125	ESTC0075L 125	ESTC0075R 114
	Sample	ESTC0075L 114S 011012S000	ESTC0075L 115S 011112S000	ESTC0075L 116S 011112S000	ESTC0075L 117S 011112S000	ESTC0075L 118S 011112S000	ESTC0075L 119S 011212S000	ESTC0075L 120S 011212S005	ESTC0075L 121S 011612S000	ESTC0075L 122S 011612S020	ESTC0075L 122D 011612S020	ESTC0075L 123S 011612S020	ESTC0075L 124S 011612S000	ESTC0075L 125S 011612S015	ESTC0075L125S011612S015-SPLIT	ESTC0075R 114S 120811S015
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0 - 0.5 ft	2 - 2 ft	2 - 2 ft	2 - 2 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**7.6**	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**14**	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**5.5**	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**4.2**	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**11000**	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**12**	---
Molybdenum	mg/kg	**1.6**	**1.3**	**1.2**	**1.8**	< 1.0	< 1.0	**2.1**	**2.7**	< 1.0	< 1.0	< 1.0	**7.2**	< 1.0	< 1	**5.3**
Nickel	mg/kg	**5.5**	**4.2**	**5.7**	**5.4**	**5.9**	**7.1**	**14**	**9.2**	**6.2**	**9.9**	**8.5**	**13**	**4.6**	**6.5**	**8.5**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.2	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 0.1	---
Vanadium	mg/kg	**9.0**	**7.2**	**8.5**	**7.7**	**6.0**	**7.8**	**20**	**15**	**10**	**15**	**16**	**17**	**7.2**	**9.1**	**12**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	**19**	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 280	< 330
Acenaphthene	ug/kg	**460**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 230	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 110	< 330

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
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	Location	ESTC0075L 114	ESTC0075L 115	ESTC0075L 116	ESTC0075L 117	ESTC0075L 118	ESTC0075L 119	ESTC0075L 120	ESTC0075L 121	ESTC0075L 122	ESTC0075L 122	ESTC0075L 123	ESTC0075L 124	ESTC0075L 125	ESTC0075L 125	ESTC0075R 114
	Sample	ESTC0075L 114S 011012S000	ESTC0075L 115S 011112S000	ESTC0075L 116S 011112S000	ESTC0075L 117S 011112S000	ESTC0075L 118S 011112S000	ESTC0075L 119S 011212S000	ESTC0075L 120S 011212S005	ESTC0075L 121S 011612S000	ESTC0075L 122S 011612S020	ESTC0075L 122D 011612S020	ESTC0075L 123S 011612S020	ESTC0075L 124S 011612S000	ESTC0075L 125S 011612S015	ESTC0075L125S011612S015-SPLIT	ESTC0075R 114S 120811S015
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0 - 0.5 ft	2 - 2 ft	2 - 2 ft	2 - 2 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result
Solids																
Moisture	%	**31**	**12**	**11**	**21**	**8.4**	**17**	**18**	**51**	**18**	**15**	**37**	**56**	**10**	---	**49**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	**88.5**	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 14	< 11	< 11	< 13	< 10	**35**	< 12	< 20	< 11	< 11	< 16	**33**	**15**	---	**21**
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 28000	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 6700	---
Oil Range Organics (C20-C34)	mg/kg	**130**	**27**	**38**	**61**	**21**	**220**	**54**	**250**	**39**	**40**	**100**	**320**	**140**	---	**200**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	< 110000	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,1,1-Trichloroethane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,1,2,2-Tetrachloroethane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,1,2-Trichloroethane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,1-Dichloroethane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,1-Dichloroethylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 67	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,2-Dichloroethane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,2-Dichloropropane	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
1,3-Dichloropropene, cis	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,3-Dichloropropene, trans	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
1,4-Dichloro-2-butene, trans	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 340	< 180
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 810	< 750	< 340	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 630	< 330	< 330	< 350	< 810	< 330	< 340	< 600

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	Date \ Time Collected	1/10/2012 3:29 PM	1/11/2012 1:20 PM	1/11/2012 3:10 PM	1/11/2012 4:00 PM	1/11/2012 5:15 PM	1/12/2012 2:16 PM	1/12/2012 2:24 PM	1/16/2012 11:36 AM	1/16/2012 11:41 AM	1/16/2012 11:41 AM	1/16/2012 11:47 AM	1/16/2012 3:59 PM	1/16/2012 4:04 PM	1/16/2012 4:04 PM	12/8/2011 5:01 PM
	Location	ESTC0075L 114	ESTC0075L 115	ESTC0075L 116	ESTC0075L 117	ESTC0075L 118	ESTC0075L 119	ESTC0075L 120	ESTC0075L 121	ESTC0075L 122	ESTC0075L 122	ESTC0075L 123	ESTC0075L 124	ESTC0075L 125	ESTC0075L 125	ESTC0075R 114
	Sample	ESTC0075L 114S 011012S000	ESTC0075L 115S 011112S000	ESTC0075L 116S 011112S000	ESTC0075L 117S 011112S000	ESTC0075L 118S 011112S000	ESTC0075L 119S 011212S000	ESTC0075L 120S 011212S005	ESTC0075L 121S 011612S000	ESTC0075L 122S 011612S020	ESTC0075L 122D 011612S020	ESTC0075L 123S 011612S020	ESTC0075L 124S 011612S000	ESTC0075L 125S 011612S015	ESTC0075L125S011612S015-SPLIT	ESTC0075R 114S 120811S015
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0 - 0.5 ft	2 - 2 ft	2 - 2 ft	2 - 2 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 340	< 2500
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1600	< 1000	< 1000	< 1000	< 2000	< 1000	< 1300	< 1500
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 340	< 180
Benzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 200	< 270	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 67	< 250
Carbon tetrachloride	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Chlorobenzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Chloroethane	ug/kg	< 280	< 250	< 250	< 250	< 250	< 250	< 250	< 630	< 250	< 250	< 350	< 810	< 250	< 340	< 600
Chloroform	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
cis-1,2-Dichloroethylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 340	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Dibromochloropropane	ug/kg	< 83	< 44	< 42	< 58	< 39	< 40	< 39	< 190	< 57	< 48	< 100	< 240	< 44	< 340	< 180
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 67	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 240	< 200	< 270	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
Ethylbenzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Ethylene dibromide	ug/kg	< 83	< 44	< 42	< 58	< 39	< 40	< 39	< 190	< 57	< 48	< 100	< 240	< 44	< 67	< 180
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 340	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 67	< 250
m&p-Xylene	ug/kg	< 170	< 100	< 100	< 120	< 100	< 100	< 100	< 380	< 110	< 100	< 210	< 490	< 100	< 130	< 360
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 130	< 180
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 67	< 250
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 630	< 330	< 330	< 350	< 810	< 330	< 340	< 600
n-Butylbenzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180

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	Date \ Time Collected	1/10/2012 3:29 PM	1/11/2012 1:20 PM	1/11/2012 3:10 PM	1/11/2012 4:00 PM	1/11/2012 5:15 PM	1/12/2012 2:16 PM	1/12/2012 2:24 PM	1/16/2012 11:36 AM	1/16/2012 11:41 AM	1/16/2012 11:41 AM	1/16/2012 11:47 AM	1/16/2012 3:59 PM	1/16/2012 4:04 PM	1/16/2012 4:04 PM	12/8/2011 5:01 PM
	Location	ESTC0075L 114	ESTC0075L 115	ESTC0075L 116	ESTC0075L 117	ESTC0075L 118	ESTC0075L 119	ESTC0075L 120	ESTC0075L 121	ESTC0075L 122	ESTC0075L 122	ESTC0075L 123	ESTC0075L 124	ESTC0075L 125	ESTC0075L 125	ESTC0075R 114
	Sample	ESTC0075L 114S 011012S000	ESTC0075L 115S 011112S000	ESTC0075L 116S 011112S000	ESTC0075L 117S 011112S000	ESTC0075L 118S 011112S000	ESTC0075L 119S 011212S000	ESTC0075L 120S 011212S005	ESTC0075L 121S 011612S000	ESTC0075L 122S 011612S020	ESTC0075L 122D 011612S020	ESTC0075L 123S 011612S020	ESTC0075L 124S 011612S000	ESTC0075L 125S 011612S015	ESTC0075L125S011612S015-SPLIT	ESTC0075R 114S 120811S015
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0 - 0.5 ft	2 - 2 ft	2 - 2 ft	2 - 2 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result	Split	Result
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
o-Xylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
sec-Butylbenzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Styrene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 340	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3400	< 2500
t-Butylbenzene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Tetrachloroethylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 340	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
trans-1,2-Dichloroethylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Trichloroethylene	ug/kg	< 83	< 50	< 50	< 58	< 50	< 50	< 50	< 190	< 57	< 50	< 100	< 240	< 50	< 67	< 180
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 190	< 100	< 100	< 100	< 240	< 100	< 67	< 180
Vinyl chloride	ug/kg	< 83	< 44	< 42	< 58	< 40	< 40	< 40	< 190	< 57	< 48	< 100	< 240	< 44	< 67	< 180
Xylenes	ug/kg	< 170	< 100	< 100	< 120	< 100	< 100	< 100	< 380	< 110	< 100	< 210	< 490	< 100	---	< 360

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	12/8/2011 5:08 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 2:45 PM	12/9/2011 2:57 PM	12/12/2011 10:13 AM	12/12/2011 10:21 AM	12/12/2011 12:16 PM	12/12/2011 1:35 PM	12/13/2011 4:12 PM	12/17/2011 9:00 AM	1/9/2012 10:28 AM	1/9/2012 11:13 AM	1/9/2012 11:13 AM
	Location	ESTC0075R 115	ESTC0075R 116	ESTC0075R 116	ESTC0075R 116	ESTC0075R 117	ESTC0075R 118	ESTC0075R 119	ESTC0075R 120	ESTC0075R 121	ESTC0075R 122	ESTC0075R 123	ESTC0075R 124	ESTC0075R 125	ESTC0075R 126	ESTC0075R 126
	Sample	ESTC0075R 115S 120811S015	ESTC0075R 116S 120911S015	ESTC0075R 116D 120911S015	ESTC0075R116S120911S015-SPLIT	ESTC0075R 117S 120911S000	ESTC0075R 118S 120911S000	ESTC0075R 119S 121211S000	ESTC0075R 120S 121211S000	ESTC0075R 121S 121211S000	ESTC0075R 122S 121211S015	ESTC0075R 123S 121311S010	ESTC0075R 124S 121711S010	ESTC0075R 125S 010912S005	ESTC0075R 126S 010912S000	ESTC0075R126S010912S000-SPLIT
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Metals																
Arsenic	mg/kg	---	---	---	**65**	---	---	---	---	---	---	---	---	---	---	**36**
Barium	mg/kg	---	---	---	**27**	---	---	---	---	---	---	---	---	---	---	**29**
Beryllium	mg/kg	< 0.50	< 1.3	< 0.79	< 0.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.83	< 0.50	**0.32**
Cadmium	mg/kg	---	---	---	< 0.2	---	---	---	---	---	---	---	---	---	---	< 0.2
Chromium (Total)	mg/kg	---	---	---	**4.1**	---	---	---	---	---	---	---	---	---	---	**6.8**
Copper	mg/kg	---	---	---	**7.8**	---	---	---	---	---	---	---	---	---	---	**7.2**
Iron	mg/kg	---	---	---	**32000**	---	---	---	---	---	---	---	---	---	---	**15000**
Lead	mg/kg	---	---	---	**3.1**	---	---	---	---	---	---	---	---	---	---	**3.2**
Molybdenum	mg/kg	< 1.0	**23**	**10**	**17**	**1.4**	**1.0**	**1.8**	**1.1**	**2.6**	**1.1**	**8.6**	**2.9**	**6.4**	**2.3**	**4.5**
Nickel	mg/kg	**5.2**	**9.3**	**5.5**	**9.1**	**6.0**	**5.6**	**6.2**	**8.8**	**11**	**6.5**	**5.4**	**12**	**11**	**6.2**	**8.9**
Selenium	mg/kg	---	---	---	**0.91**	---	---	---	---	---	---	---	---	---	---	**0.68**
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	< 0.1
Vanadium	mg/kg	**8.9**	**6.3**	**3.4**	**6.7**	**8.2**	**14**	**7.8**	**15**	**17**	**8.8**	**6.7**	**18**	**19**	**8.4**	**12**
Zinc	mg/kg	---	---	---	**28**	---	---	---	---	---	---	---	---	---	---	**28**
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 370	< 330	< 3700	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 940
Acenaphthene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Acenaphthylene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Anthracene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Benzo(a)anthracene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Benzo(a)pyrene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Benzo(b)fluoranthene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Benzo(g,h,i)perylene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Benzo(k)fluoranthene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Chrysene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Dibenzo(a,h)anthracene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Fluoranthene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Fluorene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 370	< 330	< 3000	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 750
Naphthalene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Phenanthrene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380
Pyrene	ug/kg	< 330	< 370	< 330	< 1500	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 380

	Date \ Time Collected	12/8/2011 5:08 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 2:45 PM	12/9/2011 2:57 PM	12/12/2011 10:13 AM	12/12/2011 10:21 AM	12/12/2011 12:16 PM	12/12/2011 1:35 PM	12/13/2011 4:12 PM	12/17/2011 9:00 AM	1/9/2012 10:28 AM	1/9/2012 11:13 AM	1/9/2012 11:13 AM
	Location	ESTC0075R 115	ESTC0075R 116	ESTC0075R 116	ESTC0075R 116	ESTC0075R 117	ESTC0075R 118	ESTC0075R 119	ESTC0075R 120	ESTC0075R 121	ESTC0075R 122	ESTC0075R 123	ESTC0075R 124	ESTC0075R 125	ESTC0075R 126	ESTC0075R 126
	Sample	ESTC0075R 115S 120811S015	ESTC0075R 116S 120911S015	ESTC0075R 116D 120911S015	ESTC0075R116S120911S015-SPLIT	ESTC0075R 117S 120911S000	ESTC0075R 118S 120911S000	ESTC0075R 119S 121211S000	ESTC0075R 120S 121211S000	ESTC0075R 121S 121211S000	ESTC0075R 122S 121211S015	ESTC0075R 123S 121311S010	ESTC0075R 124S 121711S010	ESTC0075R 125S 010912S005	ESTC0075R 126S 010912S000	ESTC0075R126S010912S000-SPLIT
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
Solids																
Moisture	%	**31**	**87**	**78**	---	**26**	**14**	**56**	**44**	**22**	**42**	**46**	**36**	**78**	**42**	---
Solids	%	---	---	---	**13.5**	---	---	---	---	---	---	---	---	---	---	**53.1**
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 14	< 75	**92**	---	< 13	**21**	**31**	**22**	**14**	**27**	**31**	**28**	< 44	< 16	---
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	**240000**	---	---	---	---	---	---	---	---	---	---	< 47000
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 7.7	< 4.6	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.6	< 4.0	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 73000	---	---	---	---	---	---	---	---	---	---	< 14000
Oil Range Organics (C20-C34)	mg/kg	**82**	**680**	**880**	---	**39**	**92**	**280**	**140**	**63**	**220**	**180**	**190**	**450**	**140**	---
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 740000	---	---	---	---	---	---	---	---	---	---	< 190000
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,1,1-Trichloroethane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,1,2,2-Tetrachloroethane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,1,2-Trichloroethane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,1-Dichloroethane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,1-Dichloroethylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,2,3-Trichlorobenzene	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
1,2,3-Trichloropropane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,2,3-Trimethylbenzene	ug/kg	< 250	< 3400	< 1200	< 730	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 140
1,2,4-Trichlorobenzene	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
1,2,4-Trimethylbenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,2-Dichlorobenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,2-Dichloroethane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,2-Dichloropropane	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,3,5-Trimethylbenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,3-Dichlorobenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
1,3-Dichloropropene, cis	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,3-Dichloropropene, trans	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
1,4-Dichloro-2-butene, trans	ug/kg	< 83	< 3400	< 1200	< 3600	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 720
1,4-Dichlorobenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
2-Butanone (MEK)	ug/kg	< 750	< 11000	< 3800	< 3600	< 750	< 750	< 840	< 750	< 750	< 750	< 750	< 750	< 3700	< 750	< 720
2-Hexanone	ug/kg	< 2500	< 3400	< 2500	< 3600	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 720
2-Methylnaphthalene	ug/kg	< 330	< 11000	< 3800	< 3600	< 330	< 330	< 840	< 520	< 330	< 430	< 500	< 330	< 3700	< 420	< 720

	Date \ Time Collected	12/8/2011 5:08 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 2:45 PM	12/9/2011 2:57 PM	12/12/2011 10:13 AM	12/12/2011 10:21 AM	12/12/2011 12:16 PM	12/12/2011 1:35 PM	12/13/2011 4:12 PM	12/17/2011 9:00 AM	1/9/2012 10:28 AM	1/9/2012 11:13 AM	1/9/2012 11:13 AM
	Location	ESTC0075R 115	ESTC0075R 116	ESTC0075R 116	ESTC0075R 116	ESTC0075R 117	ESTC0075R 118	ESTC0075R 119	ESTC0075R 120	ESTC0075R 121	ESTC0075R 122	ESTC0075R 123	ESTC0075R 124	ESTC0075R 125	ESTC0075R 126	ESTC0075R 126
	Sample	ESTC0075R 115S 120811S015	ESTC0075R 116S 120911S015	ESTC0075R 116D 120911S015	ESTC0075R116S120911S015-SPLIT	ESTC0075R 117S 120911S000	ESTC0075R 118S 120911S000	ESTC0075R 119S 121211S000	ESTC0075R 120S 121211S000	ESTC0075R 121S 121211S000	ESTC0075R 122S 121211S015	ESTC0075R 123S 121311S010	ESTC0075R 124S 121711S010	ESTC0075R 125S 010912S005	ESTC0075R 126S 010912S000	ESTC0075R126S010912S000-SPLIT
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 3400	< 2500	< 3600	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 720
Acetone	ug/kg	< 1000	< 29000	< 9600	< 15000	< 1000	< 1000	< 2100	< 1800	< 1000	< 1100	< 1200	< 1000	< 9300	< 1100	< 2900
Acrylonitrile	ug/kg	< 100	< 3400	< 1200	< 3600	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 720
Benzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Bromobenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Bromochloromethane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Bromodichloromethane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Bromoform	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Bromomethane	ug/kg	< 200	< 3400	< 1200	< 2900	< 200	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 1100	< 200	< 580
Carbon disulfide	ug/kg	< 250	< 3400	< 1200	< 730	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 140
Carbon tetrachloride	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Chlorobenzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Chloroethane	ug/kg	< 280	< 11000	< 3800	< 3600	< 250	< 250	< 840	< 520	< 250	< 430	< 500	< 330	< 3700	< 420	< 720
Chloroform	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Chloromethane	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
cis-1,2-Dichloroethylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Cyclohexane	ug/kg	< 500	< 3400	< 1200	< 3600	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1100	< 500	< 720
Dibromochloromethane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Dibromochloropropane	ug/kg	< 83	< 3400	< 1200	< 3600	< 74	< 46	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 720
Dibromomethane	ug/kg	< 250	< 3400	< 1200	< 730	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 140
Dichlorodifluoromethane	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
Diethyl ether	ug/kg	< 200	< 3400	< 1200	< 2900	< 200	< 200	< 250	< 200	< 200	< 200	< 200	< 200	< 1100	< 200	< 580
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
Ethylbenzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	**180**	< 1100	< 130	< 140
Ethylene dibromide	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 46	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
Hexachloroethane	ug/kg	< 300	< 3400	< 1200	< 3600	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 1100	< 300	< 720
Isopropyl benzene	ug/kg	< 250	< 3400	< 1200	< 730	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 140
m&p-Xylene	ug/kg	< 170	< 6900	< 2300	< 1500	< 150	< 100	< 500	< 310	< 120	< 260	< 300	**480**	< 2200	< 250	< 290
Methyl Iodide	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Methylene chloride	ug/kg	< 100	< 3400	< 1200	< 1500	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 290
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 3400	< 1200	< 730	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 140
Naphthalene	ug/kg	< 330	< 11000	< 3800	< 3600	< 330	< 330	< 840	< 520	< 330	< 430	< 500	< 330	< 3700	< 420	< 720
n-Butylbenzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140

	Date \ Time Collected	12/8/2011 5:08 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 1:13 PM	12/9/2011 2:45 PM	12/9/2011 2:57 PM	12/12/2011 10:13 AM	12/12/2011 10:21 AM	12/12/2011 12:16 PM	12/12/2011 1:35 PM	12/13/2011 4:12 PM	12/17/2011 9:00 AM	1/9/2012 10:28 AM	1/9/2012 11:13 AM	1/9/2012 11:13 AM
	Location	ESTC0075R 115	ESTC0075R 116	ESTC0075R 116	ESTC0075R 116	ESTC0075R 117	ESTC0075R 118	ESTC0075R 119	ESTC0075R 120	ESTC0075R 121	ESTC0075R 122	ESTC0075R 123	ESTC0075R 124	ESTC0075R 125	ESTC0075R 126	ESTC0075R 126
	Sample	ESTC0075R 115S 120811S015	ESTC0075R 116S 120911S015	ESTC0075R 116D 120911S015	ESTC0075R116S120911S015-SPLIT	ESTC0075R 117S 120911S000	ESTC0075R 118S 120911S000	ESTC0075R 119S 121211S000	ESTC0075R 120S 121211S000	ESTC0075R 121S 121211S000	ESTC0075R 122S 121211S015	ESTC0075R 123S 121311S010	ESTC0075R 124S 121711S010	ESTC0075R 125S 010912S005	ESTC0075R 126S 010912S000	ESTC0075R126S010912S000-SPLIT
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split
n-Propylbenzene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
o-Xylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
sec-Butylbenzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Styrene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 3400	< 1200	< 3600	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 1100	< 250	< 720
t-Butyl alcohol	ug/kg	< 2500	< 11000	< 3800	< 36000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3700	< 2500	< 7200
t-Butylbenzene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Tetrachloroethylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Tetrahydrofuran	ug/kg	< 1000	< 11000	< 3800	< 3600	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 3700	< 1000	< 720
Toluene	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	**430**	< 1100	< 130	< 140
trans-1,2-Dichloroethylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Trichloroethylene	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 50	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Trichlorofluoromethane	ug/kg	< 100	< 3400	< 1200	< 730	< 100	< 100	< 250	< 150	< 100	< 130	< 150	< 100	< 1100	< 130	< 140
Vinyl chloride	ug/kg	< 83	< 3400	< 1200	< 730	< 74	< 46	< 250	< 150	< 60	< 130	< 150	< 99	< 1100	< 130	< 140
Xylenes	ug/kg	< 170	< 6900	< 2300	---	< 150	< 100	< 500	< 310	< 120	< 260	< 300	**480**	< 2200	< 250	---

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/9/2012 2:08 PM	1/10/2012 9:43 AM	1/10/2012 9:43 AM	1/10/2012 3:39 PM	1/11/2012 10:20 AM	1/11/2012 10:30 AM	1/11/2012 5:05 PM	1/12/2012 2:08 PM	1/16/2012 11:28 AM	1/16/2012 11:55 AM	1/16/2012 11:58 AM	1/16/2012 3:47 PM	1/18/2012 12:26 PM	1/18/2012 2:52 PM	1/18/2012 3:01 PM
	Location	ESTC0075R 127	ESTC0075R 128	ESTC0075R 128	ESTC0075R 129	ESTC0075R 130	ESTC0075R 132	ESTC0075R 136	ESTC0075R 137	ESTC0075R 138	ESTC0075R 139	ESTC0075R 140	ESTC0075R 141	ESTC0100L 127	ESTC0100L 128	ESTC0100L 129
	Sample	ESTC0075R 127S 010912S000	ESTC0075R 128S 011012S000	ESTC0075R 128D 011012S000	ESTC0075R 129S 011012S000	ESTC0075R 130S 011112S000	ESTC0075R 132S 011112S000	ESTC0075R 136S 011112S000	ESTC0075R 137S 011212S000	ESTC0075R 138S 011612S000	ESTC0075R 139S 011612S015	ESTC0075R 140S 011612S015	ESTC0075R 141S 011612S010	ESTC0100L 127S 011812S000	ESTC0100L 128S 011812S000	ESTC0100L 129S 011812S000
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1 - 1 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.7**	**1.1**	**1.1**	< 1.0	< 1.0	< 1.0	**3.2**	**1.2**	< 1.0	**1.7**	< 1.0	**3.5**	< 1.0	< 1.0	**2.3**
Nickel	mg/kg	**6.6**	**5.7**	**5.1**	**3.9**	**3.4**	**3.0**	**12**	**9.8**	**9.0**	**12**	**8.1**	**16**	**4.1**	**4.2**	**8.4**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**13**	**7.2**	**6.6**	**7.7**	**4.7**	**4.6**	**16**	**7.5**	**12**	**16**	**10**	**17**	**5.1**	**6.4**	**8.7**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	**400**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	**380**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	1/9/2012 2:08 PM	1/10/2012 9:43 AM	1/10/2012 9:43 AM	1/10/2012 3:39 PM	1/11/2012 10:20 AM	1/11/2012 10:30 AM	1/11/2012 5:05 PM	1/12/2012 2:08 PM	1/16/2012 11:28 AM	1/16/2012 11:55 AM	1/16/2012 11:58 AM	1/16/2012 3:47 PM	1/18/2012 12:26 PM	1/18/2012 2:52 PM	1/18/2012 3:01 PM
	Location	ESTC0075R 127	ESTC0075R 128	ESTC0075R 128	ESTC0075R 129	ESTC0075R 130	ESTC0075R 132	ESTC0075R 136	ESTC0075R 137	ESTC0075R 138	ESTC0075R 139	ESTC0075R 140	ESTC0075R 141	ESTC0100L 127	ESTC0100L 128	ESTC0100L 129
	Sample	ESTC0075R 127S 010912S000	ESTC0075R 128S 011012S000	ESTC0075R 128D 011012S000	ESTC0075R 129S 011012S000	ESTC0075R 130S 011112S000	ESTC0075R 132S 011112S000	ESTC0075R 136S 011112S000	ESTC0075R 137S 011212S000	ESTC0075R 138S 011612S000	ESTC0075R 139S 011612S015	ESTC0075R 140S 011612S015	ESTC0075R 141S 011612S010	ESTC0100L 127S 011812S000	ESTC0100L 128S 011812S000	ESTC0100L 129S 011812S000
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1 - 1 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**49**	**30**	**31**	**14**	**18**	**15**	**39**	**9.0**	**12**	**15**	**7.6**	**15**	**22**	**13**	**40**
Solids	%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 19	< 14	< 14	**24**	< 12	< 11	**22**	< 10	< 11	< 11	**11**	**50**	< 12	< 11	< 15
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**230**	**130**	**150**	**130**	< 24	**51**	**240**	< 21	**47**	**64**	**43**	**130**	**32**	**34**	**160**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,1,1-Trichloroethane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,1,2,2-Tetrachloroethane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,1,2-Trichloroethane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,1-Dichloroethane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,1-Dichloroethylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,2-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,2-Dichloroethane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,2-Dichloropropane	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,3,5-Trimethylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,3-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
1,3-Dichloropropene, cis	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,3-Dichloropropene, trans	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,4-Dichloro-2-butene, trans	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
1,4-Dichlorobenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 570	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 390

	Date \ Time Collected	1/9/2012 2:08 PM	1/10/2012 9:43 AM	1/10/2012 9:43 AM	1/10/2012 3:39 PM	1/11/2012 10:20 AM	1/11/2012 10:30 AM	1/11/2012 5:05 PM	1/12/2012 2:08 PM	1/16/2012 11:28 AM	1/16/2012 11:55 AM	1/16/2012 11:58 AM	1/16/2012 3:47 PM	1/18/2012 12:26 PM	1/18/2012 2:52 PM	1/18/2012 3:01 PM
	Location	ESTC0075R 127	ESTC0075R 128	ESTC0075R 128	ESTC0075R 129	ESTC0075R 130	ESTC0075R 132	ESTC0075R 136	ESTC0075R 137	ESTC0075R 138	ESTC0075R 139	ESTC0075R 140	ESTC0075R 141	ESTC0100L 127	ESTC0100L 128	ESTC0100L 129
	Sample	ESTC0075R 127S 010912S000	ESTC0075R 128S 011012S000	ESTC0075R 128D 011012S000	ESTC0075R 129S 011012S000	ESTC0075R 130S 011112S000	ESTC0075R 132S 011112S000	ESTC0075R 136S 011112S000	ESTC0075R 137S 011212S000	ESTC0075R 138S 011612S000	ESTC0075R 139S 011612S015	ESTC0075R 140S 011612S015	ESTC0075R 141S 011612S010	ESTC0100L 127S 011812S000	ESTC0100L 128S 011812S000	ESTC0100L 129S 011812S000
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1 - 1 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1400	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1200
Acrylonitrile	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Benzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Bromobenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Bromochloromethane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Bromodichloromethane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Bromoform	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Chlorobenzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Chloroethane	ug/kg	< 570	< 270	< 270	< 250	< 250	< 250	< 380	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 390
Chloroform	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Dibromochloropropane	ug/kg	< 170	< 80	< 82	< 47	< 53	< 48	< 110	< 37	< 45	< 50	< 39	< 48	< 60	< 45	< 120
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Ethylene dibromide	ug/kg	< 170	< 80	< 82	< 47	< 53	< 48	< 110	< 37	< 45	< 50	< 39	< 48	< 60	< 45	< 120
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 340	< 160	< 160	< 100	< 110	< 100	< 230	< 100	< 100	< 100	< 100	< 100	< 120	< 100	< 230
Methyl Iodide	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Methylene chloride	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 570	< 330	< 330	< 330	< 330	< 330	< 380	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 390
n-Butylbenzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120

	Date \ Time Collected	1/9/2012 2:08 PM	1/10/2012 9:43 AM	1/10/2012 9:43 AM	1/10/2012 3:39 PM	1/11/2012 10:20 AM	1/11/2012 10:30 AM	1/11/2012 5:05 PM	1/12/2012 2:08 PM	1/16/2012 11:28 AM	1/16/2012 11:55 AM	1/16/2012 11:58 AM	1/16/2012 3:47 PM	1/18/2012 12:26 PM	1/18/2012 2:52 PM	1/18/2012 3:01 PM
	Location	ESTC0075R 127	ESTC0075R 128	ESTC0075R 128	ESTC0075R 129	ESTC0075R 130	ESTC0075R 132	ESTC0075R 136	ESTC0075R 137	ESTC0075R 138	ESTC0075R 139	ESTC0075R 140	ESTC0075R 141	ESTC0100L 127	ESTC0100L 128	ESTC0100L 129
	Sample	ESTC0075R 127S 010912S000	ESTC0075R 128S 011012S000	ESTC0075R 128D 011012S000	ESTC0075R 129S 011012S000	ESTC0075R 130S 011112S000	ESTC0075R 132S 011112S000	ESTC0075R 136S 011112S000	ESTC0075R 137S 011212S000	ESTC0075R 138S 011612S000	ESTC0075R 139S 011612S015	ESTC0075R 140S 011612S015	ESTC0075R 141S 011612S010	ESTC0100L 127S 011812S000	ESTC0100L 128S 011812S000	ESTC0100L 129S 011812S000
	Depth	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	1.5 - 1.5 ft	1 - 1 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
n-Propylbenzene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
o-Xylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
p-Isopropyl toluene (p-Cymene)	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
sec-Butylbenzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Styrene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Tetrachloroethylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
trans-1,2-Dichloroethylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Trichloroethylene	ug/kg	< 170	< 80	< 82	< 50	< 53	< 50	< 110	< 50	< 50	< 50	< 50	< 50	< 60	< 50	< 120
Trichlorofluoromethane	ug/kg	< 170	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 120
Vinyl chloride	ug/kg	< 170	< 80	< 82	< 47	< 53	< 48	< 110	< 40	< 45	< 50	< 40	< 48	< 60	< 45	< 120
Xylenes	ug/kg	< 340	< 160	< 160	< 100	< 110	< 100	< 230	< 100	< 100	< 100	< 100	< 100	< 120	< 100	< 230

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/18/2012 3:33 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 2:06 PM	1/19/2012 3:15 PM	1/19/2012 3:41 PM	1/20/2012 3:25 PM	1/25/2012 1:22 PM	1/25/2012 1:29 PM	1/26/2012 9:46 AM	1/26/2012 10:01 AM	1/26/2012 10:56 AM	3/12/2012 11:27 AM	3/12/2012 11:36 AM
	Location	ESTC0100L 130	ESTC0100L 132	ESTC0100L 132	ESTC0100L 132	ESTC0100L 133	ESTC0100L 134	ESTC0100L 135	ESTC0100L 136	ESTC0100L 140	ESTC0100L 141	ESTC0100L 142	ESTC0100L 143	ESTC0100L 144	ESTC0100L 269	ESTC0100L 270
	Sample	ESTC0100L 130S 011812S010	ESTC0100L 132S 011912S005	ESTC0100L 132D 011912S005	ESTC0100L132S011912S005-SPLIT	ESTC0100L 133S 011912S005	ESTC0100L 134S 011912S000	ESTC0100L 135S 011912S000	ESTC0100L 136S 012012S005	ESTC0100L 140S 012512S000	ESTC0100L 141S 012512S000	ESTC0100L 142S 012612S010	ESTC0100L 143S 012612S005	ESTC0100L 144S 012612S000	ESTC0100L 269S 031212S005	ESTC0100L 270S 031212S005
	Depth	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	**9.6**	---	---	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	**74**	---	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.67	< 0.50	**0.59**	< 0.50	< 0.50	< 1.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.71	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	**0.45**	---	---	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	**11**	---	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	**13**	---	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	**16000**	---	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	**6.9**	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.2**	**1.8**	**1.3**	**1.2**	**1.8**	< 1.0	**11**	**4.9**	< 1.0	**1.6**	**2.0**	**5.5**	**1.2**	**2.3**	**1.6**
Nickel	mg/kg	**3.9**	**13**	**11**	**12**	**11**	**3.4**	< 3.0	**9.9**	**5.0**	**5.6**	**13**	**13**	**8.2**	**11**	**9.0**
Selenium	mg/kg	---	---	---	**1.5**	---	---	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**5.4**	**22**	**17**	**18**	**17**	**6.0**	**3.6**	**14**	**7.0**	**7.6**	**14**	**19**	**13**	**15**	**15**
Zinc	mg/kg	---	---	---	**46**	---	---	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 1500	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	**660**	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 1200	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	**710**	< 330	< 590	< 330	< 330	< 450	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/18/2012 3:33 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 2:06 PM	1/19/2012 3:15 PM	1/19/2012 3:41 PM	1/20/2012 3:25 PM	1/25/2012 1:22 PM	1/25/2012 1:29 PM	1/26/2012 9:46 AM	1/26/2012 10:01 AM	1/26/2012 10:56 AM	3/12/2012 11:27 AM	3/12/2012 11:36 AM
	Location	ESTC0100L 130	ESTC0100L 132	ESTC0100L 132	ESTC0100L 132	ESTC0100L 133	ESTC0100L 134	ESTC0100L 135	ESTC0100L 136	ESTC0100L 140	ESTC0100L 141	ESTC0100L 142	ESTC0100L 143	ESTC0100L 144	ESTC0100L 269	ESTC0100L 270
	Sample	ESTC0100L 130S 011812S010	ESTC0100L 132S 011912S005	ESTC0100L 132D 011912S005	ESTC0100L132S011912S005-SPLIT	ESTC0100L 133S 011912S005	ESTC0100L 134S 011912S000	ESTC0100L 135S 011912S000	ESTC0100L 136S 012012S005	ESTC0100L 140S 012512S000	ESTC0100L 141S 012512S000	ESTC0100L 142S 012612S010	ESTC0100L 143S 012612S005	ESTC0100L 144S 012612S000	ESTC0100L 269S 031212S005	ESTC0100L 270S 031212S005
	Depth	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Solids																
Moisture	%	**33**	**74**	**69**	---	**54**	**49**	**89**	**50**	**18**	**27**	**18**	**79**	**56**	**41**	**22**
Solids	%	---	---	---	**34.0**	---	---	---	---	---	---	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 14	**47**	**35**	---	< 21	< 18	< 89	**22**	< 12	**22**	**40**	**85**	**61**	< 17	< 12
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	< 74000	---	---	---	---	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0	< 9.4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.7	< 4.0	---	---
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	< 25000	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**84**	**330**	**320**	---	**190**	**87**	**320**	**260**	**55**	**180**	**130**	**630**	**370**	**200**	**57**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	< 290000	---	---	---	---	---	---	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,1,1-Trichloroethane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,1,2,2-Tetrachloroethane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,1,2-Trichloroethane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,1-Dichloroethane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,1-Dichloroethylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,2,3-Trichlorobenzene	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 780	< 540	< 250	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,2-Dichloroethane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,2-Dichloropropane	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,3,5-Trimethylbenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
1,3-Dichloropropene, cis	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,3-Dichloropropene, trans	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,4-Dichloro-2-butene, trans	ug/kg	< 89	< 780	< 540	< 1200	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
1,4-Dichlorobenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
2-Butanone (MEK)	ug/kg	< 750	< 2600	< 1800	< 1200	< 750	< 750	< 16000	< 750	< 750	< 750	< 750	< 4100	< 890	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 1200	< 2500	< 2500	< 4800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 2600	< 1800	< 1200	< 720	< 570	< 16000	< 630	< 330	< 330	< 330	< 4100	< 890	< 410	< 330

	Date \ Time Collected	1/18/2012 3:33 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 2:06 PM	1/19/2012 3:15 PM	1/19/2012 3:41 PM	1/20/2012 3:25 PM	1/25/2012 1:22 PM	1/25/2012 1:29 PM	1/26/2012 9:46 AM	1/26/2012 10:01 AM	1/26/2012 10:56 AM	3/12/2012 11:27 AM	3/12/2012 11:36 AM
	Location	ESTC0100L 130	ESTC0100L 132	ESTC0100L 132	ESTC0100L 132	ESTC0100L 133	ESTC0100L 134	ESTC0100L 135	ESTC0100L 136	ESTC0100L 140	ESTC0100L 141	ESTC0100L 142	ESTC0100L 143	ESTC0100L 144	ESTC0100L 269	ESTC0100L 270
	Sample	ESTC0100L 130S 011812S010	ESTC0100L 132S 011912S005	ESTC0100L 132D 011912S005	ESTC0100L132S011912S005-SPLIT	ESTC0100L 133S 011912S005	ESTC0100L 134S 011912S000	ESTC0100L 135S 011912S000	ESTC0100L 136S 012012S005	ESTC0100L 140S 012512S000	ESTC0100L 141S 012512S000	ESTC0100L 142S 012612S010	ESTC0100L 143S 012612S005	ESTC0100L 144S 012612S000	ESTC0100L 269S 031212S005	ESTC0100L 270S 031212S005
	Depth	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 1200	< 2500	< 2500	< 4800	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 6500	< 4500	< 4900	< 1800	< 1400	< 40000	< 1600	< 1000	< 1000	< 1000	< 10000	< 2200	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 780	< 540	< 1200	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Benzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Bromobenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Bromochloromethane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Bromodichloromethane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Bromoform	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Bromomethane	ug/kg	< 200	< 780	< 540	< 990	< 220	< 200	< 4800	< 200	< 200	< 200	< 200	< 1200	< 270	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 780	< 540	< 250	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Carbon tetrachloride	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Chlorobenzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Chloroethane	ug/kg	< 300	< 2600	< 1800	< 1200	< 720	< 570	< 16000	< 630	< 250	< 250	< 250	< 4100	< 890	< 410	< 250
Chloroform	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Chloromethane	ug/kg	< 250	< 1300	< 540	< 1200	< 360	< 250	< 8000	< 310	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Cyclohexane	ug/kg	< 500	< 780	< 540	< 1200	< 500	< 500	< 4800	< 500	< 500	< 500	< 500	< 1200	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Dibromochloropropane	ug/kg	< 89	< 780	< 540	< 1200	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Dibromomethane	ug/kg	< 250	< 780	< 540	< 250	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Diethyl ether	ug/kg	< 200	< 780	< 540	< 990	< 220	< 200	< 4800	< 200	< 200	< 200	< 200	< 1200	< 270	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Ethylbenzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Ethylene dibromide	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 780	< 540	< 1200	< 300	< 300	< 4800	< 300	< 300	< 300	< 300	< 1200	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 780	< 540	< 250	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
m&p-Xylene	ug/kg	< 180	< 1600	< 1100	< 490	< 430	< 340	< 9700	< 380	< 110	< 150	< 110	< 2500	< 530	< 240	< 120
Methyl Iodide	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Methylene chloride	ug/kg	< 100	< 780	< 540	< 490	< 220	< 170	< 4800	< 190	< 110	< 150	< 100	< 1200	< 270	< 120	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 780	< 540	< 250	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
Naphthalene	ug/kg	< 330	< 2600	< 1800	< 1200	< 720	< 570	< 16000	< 630	< 330	< 330	< 330	< 4100	< 890	< 410	< 330
n-Butylbenzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60

	Date \ Time Collected	1/18/2012 3:33 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 1:26 PM	1/19/2012 2:06 PM	1/19/2012 3:15 PM	1/19/2012 3:41 PM	1/20/2012 3:25 PM	1/25/2012 1:22 PM	1/25/2012 1:29 PM	1/26/2012 9:46 AM	1/26/2012 10:01 AM	1/26/2012 10:56 AM	3/12/2012 11:27 AM	3/12/2012 11:36 AM
	Location	ESTC0100L 130	ESTC0100L 132	ESTC0100L 132	ESTC0100L 132	ESTC0100L 133	ESTC0100L 134	ESTC0100L 135	ESTC0100L 136	ESTC0100L 140	ESTC0100L 141	ESTC0100L 142	ESTC0100L 143	ESTC0100L 144	ESTC0100L 269	ESTC0100L 270
	Sample	ESTC0100L 130S 011812S010	ESTC0100L 132S 011912S005	ESTC0100L 132D 011912S005	ESTC0100L132S011912S005-SPLIT	ESTC0100L 133S 011912S005	ESTC0100L 134S 011912S000	ESTC0100L 135S 011912S000	ESTC0100L 136S 012012S005	ESTC0100L 140S 012512S000	ESTC0100L 141S 012512S000	ESTC0100L 142S 012612S010	ESTC0100L 143S 012612S005	ESTC0100L 144S 012612S000	ESTC0100L 269S 031212S005	ESTC0100L 270S 031212S005
	Depth	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Duplicate	Split	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
n-Propylbenzene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
o-Xylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	**240**	< 100
sec-Butylbenzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Styrene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 780	< 540	< 1200	< 250	< 250	< 4800	< 250	< 250	< 250	< 250	< 1200	< 270	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2600	< 2500	< 12000	< 2500	< 2500	< 16000	< 2500	< 2500	< 2500	< 2500	< 4100	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Tetrachloroethylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Tetrahydrofuran	ug/kg	< 1000	< 2600	< 1800	< 1200	< 1000	< 1000	< 16000	< 1000	< 1000	< 1000	< 1000	< 4100	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
trans-1,2-Dichloroethylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Trichloroethylene	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Trichlorofluoromethane	ug/kg	< 100	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 100	< 100	< 100	< 1200	< 270	< 120	< 100
Vinyl chloride	ug/kg	< 89	< 780	< 540	< 250	< 220	< 170	< 4800	< 190	< 53	< 73	< 53	< 1200	< 270	< 120	< 60
Xylenes	ug/kg	< 180	< 1600	< 1100	---	< 430	< 340	< 9700	< 380	< 110	< 150	< 110	< 2500	< 530	< 240	< 120

	Date \ Time Collected	3/12/2012 11:53 AM	3/12/2012 12:04 PM	3/12/2012 12:04 PM	1/16/2012 4:11 PM	1/18/2012 12:32 PM	1/18/2012 12:38 PM	1/18/2012 12:38 PM	1/18/2012 1:44 PM	1/18/2012 3:06 PM	1/18/2012 3:24 PM	1/19/2012 10:59 AM	1/19/2012 11:09 AM	1/19/2012 1:45 PM	1/19/2012 1:59 PM
	Location	ESTC0100L 271	ESTC0100L 272	ESTC0100L 272	ESTC0100R 142	ESTC0100R 143	ESTC0100R 144	ESTC0100R 144	ESTC0100R 145	ESTC0100R 147	ESTC0100R 148	ESTC0100R 149	ESTC0100R 150	ESTC0100R 151	ESTC0100R 152
	Sample	ESTC0100L 271S 031212S005	ESTC0100L 272S 031212S005	ESTC0100L272S031212S0005-SPLIT	ESTC0100R 142S 011612S010	ESTC0100R 143S 011812S000	ESTC0100R 144S 011812S010	ESTC0100R144S011812S010-SPLIT	ESTC0100R 145S 011812S015	ESTC0100R 147S 011812S000	ESTC0100R 148S 011812S000	ESTC0100R 149S 011912S000	ESTC0100R 150S 011912S000	ESTC0100R 151S 011912S010	ESTC0100R 152S 011912S000
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0 - 0 ft	1 - 1 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	**23**	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	**120**	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	**0.27**	< 0.61	< 0.50	< 0.77	**0.43**	< 0.68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	**0.46**	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	**8.6**	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	**10**	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	**64000**	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	**5.9**	---	---	---	---	---	---	---
Molybdenum	mg/kg	**2.0**	**2.7**	**1.9**	**5.1**	< 1.0	**3.8**	**4.1**	**2.6**	< 1.0	**1.1**	< 1.0	< 1.0	**1.3**	**1.2**
Nickel	mg/kg	**8.3**	**9.1**	**9.8**	**12**	**4.7**	**13**	**12**	**5.3**	**6.8**	**4.8**	**4.3**	**4.6**	**8.6**	**13**
Selenium	mg/kg	---	---	---	---	---	---	**1.5**	---	---	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	< 0.1	---	---	---	---	---	---	---
Vanadium	mg/kg	**13**	**14**	**14**	**15**	**7.0**	**18**	**16**	**9.7**	**7.8**	**5.7**	**6.4**	**8.2**	**11**	**8.0**
Zinc	mg/kg	---	---	---	---	---	---	**59**	---	---	---	---	---	---	---
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 950	< 330	< 330	< 330	< 2300	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 760	< 330	< 330	< 330	< 1900	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 380	< 330	< 330	< 330	< 940	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	3/12/2012 11:53 AM	3/12/2012 12:04 PM	3/12/2012 12:04 PM	1/16/2012 4:11 PM	1/18/2012 12:32 PM	1/18/2012 12:38 PM	1/18/2012 12:38 PM	1/18/2012 1:44 PM	1/18/2012 3:06 PM	1/18/2012 3:24 PM	1/19/2012 10:59 AM	1/19/2012 11:09 AM	1/19/2012 1:45 PM	1/19/2012 1:59 PM
	Location	ESTC0100L 271	ESTC0100L 272	ESTC0100L 272	ESTC0100R 142	ESTC0100R 143	ESTC0100R 144	ESTC0100R 144	ESTC0100R 145	ESTC0100R 147	ESTC0100R 148	ESTC0100R 149	ESTC0100R 150	ESTC0100R 151	ESTC0100R 152
	Sample	ESTC0100L 271S 031212S005	ESTC0100L 272S 031212S005	ESTC0100L272S031212S005-SPLIT	ESTC0100R 142S 011612S010	ESTC0100R 143S 011812S000	ESTC0100R 144S 011812S010	ESTC0100R144S011812S010-SPLIT	ESTC0100R 145S 011812S015	ESTC0100R 147S 011812S000	ESTC0100R 148S 011812S000	ESTC0100R 149S 011912S000	ESTC0100R 150S 011912S000	ESTC0100R 151S 011912S010	ESTC0100R 152S 011912S000
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0 - 0 ft	1 - 1 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
Solids															
Moisture	%	**27**	**59**	---	**75**	**30**	**78**	---	**77**	**31**	**19**	**15**	**22**	**50**	**8.9**
Solids	%	---	---	**52.8**	---	---	---	**21.3**	---	---	---	---	---	---	---
TPH															
Diesel Range Organics (C10-C20)	mg/kg	**17**	< 23	---	< 39	< 13	< 45	---	< 41	< 14	< 12	< 11	< 12	< 20	< 10
Diesel Range Organics (C10-C20)	ug/kg	---	---	< 47000	---	---	---	< 120000	---	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	---	---	---	< 4.0	< 4.0	< 4.6	---	< 4.3	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	< 45000	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**240**	**340**	---	**410**	**27**	**360**	---	**390**	**31**	< 25	< 23	**42**	**170**	< 21
Oil Range Organics (C20-C34)	ug/kg	---	---	**280000**	---	---	---	< 470000	---	---	---	---	---	---	---
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,1,1-Trichloroethane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,1,2,2-Tetrachloroethane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,1,2-Trichloroethane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,1-Dichloroethane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,1-Dichloroethylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,2,3-Trichlorobenzene	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 300	< 140	< 840	< 250	< 1100	< 450	< 980	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,2-Dichloroethane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,2-Dichloropropane	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,3,5-Trimethylbenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
1,3-Dichloropropene, cis	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,3-Dichloropropene, trans	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,4-Dichloro-2-butene, trans	ug/kg	< 71	< 300	< 690	< 840	< 83	< 1100	< 2200	< 980	< 82	< 55	< 50	< 61	< 180	< 50
1,4-Dichlorobenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
2-Butanone (MEK)	ug/kg	< 750	< 1000	< 690	< 2800	< 750	< 3800	< 2200	< 3300	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 690	< 2500	< 2500	< 2500	< 2200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 1000	< 690	< 2800	< 330	< 3800	< 2200	< 3300	< 330	< 330	< 330	< 330	< 610	< 330

	Date \ Time Collected	3/12/2012 11:53 AM	3/12/2012 12:04 PM	3/12/2012 12:04 PM	1/16/2012 4:11 PM	1/18/2012 12:32 PM	1/18/2012 12:38 PM	1/18/2012 12:38 PM	1/18/2012 1:44 PM	1/18/2012 3:06 PM	1/18/2012 3:24 PM	1/19/2012 10:59 AM	1/19/2012 11:09 AM	1/19/2012 1:45 PM	1/19/2012 1:59 PM
	Location	ESTC0100L 271	ESTC0100L 272	ESTC0100L 272	ESTC0100R 142	ESTC0100R 143	ESTC0100R 144	ESTC0100R 144	ESTC0100R 145	ESTC0100R 147	ESTC0100R 148	ESTC0100R 149	ESTC0100R 150	ESTC0100R 151	ESTC0100R 152
	Sample	ESTC0100L 271S 031212S005	ESTC0100L 272S 031212S005	ESTC0100L272S031212S0005-SPLIT	ESTC0100R 142S 011612S010	ESTC0100R 143S 011812S000	ESTC0100R 144S 011812S010	ESTC0100R144S011812S010-SPLIT	ESTC0100R 145S 011812S015	ESTC0100R 147S 011812S000	ESTC0100R 148S 011812S000	ESTC0100R 149S 011912S000	ESTC0100R 150S 011912S000	ESTC0100R 151S 011912S010	ESTC0100R 152S 011912S000
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0 - 0 ft	1 - 1 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 690	< 2500	< 2500	< 2500	< 2200	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 2500	< 2800	< 7000	< 1000	< 9500	< 8900	< 8200	< 1000	< 1000	< 1000	< 1000	< 1500	< 1000
Acrylonitrile	ug/kg	< 100	< 300	< 690	< 840	< 100	< 1100	< 2200	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Benzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Bromobenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Bromochloromethane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Bromodichloromethane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Bromoform	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Bromomethane	ug/kg	< 200	< 300	< 550	< 840	< 200	< 1100	< 1800	< 980	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 300	< 140	< 840	< 250	< 1100	< 450	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Chlorobenzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Chloroethane	ug/kg	< 250	< 1000	< 690	< 2800	< 280	< 3800	< 2200	< 3300	< 270	< 250	< 250	< 250	< 610	< 250
Chloroform	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Chloromethane	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Cyclohexane	ug/kg	< 500	< 500	< 690	< 840	< 500	< 1100	< 2200	< 980	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Dibromochloropropane	ug/kg	< 71	< 300	< 690	< 840	< 83	< 1100	< 2200	< 980	< 82	< 55	< 48	< 61	< 180	< 40
Dibromomethane	ug/kg	< 250	< 300	< 140	< 840	< 250	< 1100	< 450	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 300	< 550	< 840	< 200	< 1100	< 1800	< 980	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Ethylene dibromide	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 48	< 61	< 180	< 40
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 690	< 840	< 300	< 1100	< 2200	< 980	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 300	< 140	< 840	< 250	< 1100	< 450	< 980	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 140	< 610	< 280	< 1700	< 170	< 2300	< 890	< 2000	< 160	< 110	< 100	< 120	< 370	< 100
Methyl Iodide	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Methylene chloride	ug/kg	< 100	< 300	< 280	< 840	< 100	< 1100	< 890	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 300	< 140	< 840	< 250	< 1100	< 450	< 980	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 1000	< 690	< 2800	< 330	< 3800	< 2200	< 3300	< 330	< 330	< 330	< 330	< 610	< 330
n-Butylbenzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50

	Date \ Time Collected	3/12/2012 11:53 AM	3/12/2012 12:04 PM	3/12/2012 12:04 PM	1/16/2012 4:11 PM	1/18/2012 12:32 PM	1/18/2012 12:38 PM	1/18/2012 12:38 PM	1/18/2012 1:44 PM	1/18/2012 3:06 PM	1/18/2012 3:24 PM	1/19/2012 10:59 AM	1/19/2012 11:09 AM	1/19/2012 1:45 PM	1/19/2012 1:59 PM
	Location	ESTC0100L 271	ESTC0100L 272	ESTC0100L 272	ESTC0100R 142	ESTC0100R 143	ESTC0100R 144	ESTC0100R 144	ESTC0100R 145	ESTC0100R 147	ESTC0100R 148	ESTC0100R 149	ESTC0100R 150	ESTC0100R 151	ESTC0100R 152
	Sample	ESTC0100L 271S 031212S005	ESTC0100L 272S 031212S005	ESTC0100L272S031212S0005-SPLIT	ESTC0100R 142S 011612S010	ESTC0100R 143S 011812S000	ESTC0100R 144S 011812S010	ESTC0100R144S011812S010-SPLIT	ESTC0100R 145S 011812S015	ESTC0100R 147S 011812S000	ESTC0100R 148S 011812S000	ESTC0100R 149S 011912S000	ESTC0100R 150S 011912S000	ESTC0100R 151S 011912S010	ESTC0100R 152S 011912S000
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	0 - 0 ft	1 - 1 ft	1 - 1 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Result	Result
n-Propylbenzene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
o-Xylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	**490**	**340**	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
sec-Butylbenzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Styrene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 300	< 690	< 840	< 250	< 1100	< 2200	< 980	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 6900	< 2800	< 2500	< 3800	< 22000	< 3300	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Tetrachloroethylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 690	< 2800	< 1000	< 3800	< 2200	< 3300	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
trans-1,2-Dichloroethylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Trichloroethylene	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 50	< 61	< 180	< 50
Trichlorofluoromethane	ug/kg	< 100	< 300	< 140	< 840	< 100	< 1100	< 450	< 980	< 100	< 100	< 100	< 100	< 180	< 100
Vinyl chloride	ug/kg	< 71	< 300	< 140	< 840	< 83	< 1100	< 450	< 980	< 82	< 55	< 48	< 61	< 180	< 40
Xylenes	ug/kg	< 140	< 610	---	< 1700	< 170	< 2300	---	< 2000	< 160	< 110	< 100	< 120	< 370	< 100

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/25/2012 2:28 PM	1/25/2012 2:28 PM	1/26/2012 9:32 AM	1/26/2012 10:14 AM	1/26/2012 1:01 PM	1/26/2012 1:01 PM	1/26/2012 1:15 PM	2/28/2012 10:07 AM	2/28/2012 10:12 AM	2/28/2012 10:18 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:44 AM	2/28/2012 10:53 AM
	Location	ESTC0100R 161	ESTC0100R 161	ESTC0100R 162	ESTC0100R 163	ESTC0100R 164	ESTC0100R 164	ESTC0100R 165	ESTC0100R 275	ESTC0100R 276	ESTC0100R 277	ESTC0100R 278	ESTC0100R 278	ESTC0100R 278	ESTC0100R 279	ESTC0100R 280
	Sample	ESTC0100R 161S 012512S010	ESTC0100R161S012512S010-SPLIT	ESTC0100R 162S 012612S005	ESTC0100R 163S 012612S005	ESTC0100R 164S 012612S005	ESTC0100R164S012612S005-SPLIT	ESTC0100R 165S 012612S000	ESTC0100R 275S 022812S000	ESTC0100R 276S 022812S000	ESTC0100R 277S 022812S010	ESTC0100R 278S 022812S005	ESTC0100R 278D 022812S005	ESTC0100R278D022812S005-SPLIT	ESTC0100R 279S 022812S005	ESTC0100R 280S 022812S010
	Depth	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split	Result	Result
Metals																
Arsenic	mg/kg	---	**5.0**	---	---	---	**19**	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	**150**	---	---	---	**130**	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	< 0.71	**0.52**	< 0.50	< 0.66	< 0.50	**0.28**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.33**	< 0.50	< 0.50
Cadmium	mg/kg	---	**0.31**	---	---	---	**0.68**	---	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**7.6**	---	---	---	**6.6**	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	**7.4**	---	---	---	**45**	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	**9200**	---	---	---	**21000**	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	**4.6**	---	---	---	**12**	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	**1.9**	**2.5**	**2.3**	**3.0**	**3.2**	**4.6**	**530**	**3.4**	**1.4**	**1.7**	**2.6**	**2.4**	**1.9**	**2.0**	< 1.0
Nickel	mg/kg	**10**	**8.2**	**7.3**	**11**	**5.5**	**8.7**	**14**	**7.3**	**8.7**	**9.7**	**13**	**12**	**11**	**11**	**9.0**
Selenium	mg/kg	---	**1.1**	---	---	---	**2.2**	---	---	---	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	< 0.1	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	**19**	**13**	**11**	**19**	**7.5**	**12**	**17**	**12**	**13**	**16**	**22**	**17**	**19**	**16**	**21**
Zinc	mg/kg	---	**32**	---	---	---	**24**	---	---	---	---	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 1700	< 330	< 330	< 330	< 1300	< 330	< 330	< 330	< 330	< 330	< 330	< 610	< 330	< 330
Acenaphthene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Anthracene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Chrysene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Fluoranthene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Fluorene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 1300	< 330	< 330	< 330	< 1000	< 330	< 330	< 330	< 330	< 330	< 330	< 490	< 330	< 330
Naphthalene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Phenanthrene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330
Pyrene	ug/kg	< 330	< 670	< 330	< 330	< 330	< 500	< 330	< 330	< 330	< 330	< 330	< 330	< 240	< 330	< 330

	Date \ Time Collected	1/25/2012 2:28 PM	1/25/2012 2:28 PM	1/26/2012 9:32 AM	1/26/2012 10:14 AM	1/26/2012 1:01 PM	1/26/2012 1:01 PM	1/26/2012 1:15 PM	2/28/2012 10:07 AM	2/28/2012 10:12 AM	2/28/2012 10:18 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:44 AM	2/28/2012 10:53 AM
	Location	ESTC0100R 161	ESTC0100R 161	ESTC0100R 162	ESTC0100R 163	ESTC0100R 164	ESTC0100R 164	ESTC0100R 165	ESTC0100R 275	ESTC0100R 276	ESTC0100R 277	ESTC0100R 278	ESTC0100R 278	ESTC0100R 278	ESTC0100R 279	ESTC0100R 280
	Sample	ESTC0100R 161S 012512S010	ESTC0100R161S012512S010-SPLIT	ESTC0100R 162S 012612S005	ESTC0100R 163S 012612S005	ESTC0100R 164S 012612S005	ESTC0100R164S012612S005-SPLIT	ESTC0100R 165S 012612S000	ESTC0100R 275S 022812S000	ESTC0100R 276S 022812S000	ESTC0100R 277S 022812S010	ESTC0100R 278S 022812S005	ESTC0100R 278D 022812S005	ESTC0100R278D022812S005-SPLIT	ESTC0100R 279S 022812S005	ESTC0100R 280S 022812S010
	Depth	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split	Result	Result
Solids																
Moisture	%	**74**	---	**64**	**76**	**55**	---	**62**	**36**	**24**	**38**	**20**	**24**	---	**21**	**18**
Solids	%	---	**29.8**	---	---	---	**39.7**	---	---	---	---	---	---	**82.1**	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	**50**	---	< 27	< 40	< 21	---	< 24	**270**	**46**	**22**	< 12	< 13	---	< 12	< 12
Diesel Range Organics (C10-C20)	ug/kg	---	< 84000	---	---	---	< 63000	---	---	---	---	---	---	< 30000	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.2	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	---	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**460**	---	**310**	**520**	**220**	---	**350**	**670**	**190**	**290**	**92**	**100**	---	**47**	**29**
Oil Range Organics (C20-C34)	ug/kg	---	< 340000	---	---	---	**640000**	---	---	---	---	---	---	< 120000	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,1,2,2-Tetrachloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,1,2-Trichloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,1-Dichloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,1-Dichloroethylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,2,3-Trichlorobenzene	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 250	< 200	< 350	< 250	< 250	< 250	< 250	< 250	< 73	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	**470**	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,2-Dichloroethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,2-Dichloropropane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,3,5-Trimethylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	**270**	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,3-Dichloropropene, trans	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
1,4-Dichloro-2-butene, trans	ug/kg	< 790	< 1500	< 380	< 920	< 230	< 1000	< 350	< 100	< 64	< 110	< 56	< 64	< 360	< 68	< 52
1,4-Dichlorobenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
2-Butanone (MEK)	ug/kg	< 3700	< 1500	< 1300	< 3100	< 770	< 1000	< 1200	< 750	< 750	< 750	< 750	< 750	< 360	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 1500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 360	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 2600	< 1500	< 1300	< 3100	< 770	< 1000	< 1200	< 330	< 330	< 360	< 330	< 330	< 360	< 330	< 330

	Date \ Time Collected	1/25/2012 2:28 PM	1/25/2012 2:28 PM	1/26/2012 9:32 AM	1/26/2012 10:14 AM	1/26/2012 1:01 PM	1/26/2012 1:01 PM	1/26/2012 1:15 PM	2/28/2012 10:07 AM	2/28/2012 10:12 AM	2/28/2012 10:18 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:44 AM	2/28/2012 10:53 AM
	Location	ESTC0100R 161	ESTC0100R 161	ESTC0100R 162	ESTC0100R 163	ESTC0100R 164	ESTC0100R 164	ESTC0100R 165	ESTC0100R 275	ESTC0100R 276	ESTC0100R 277	ESTC0100R 278	ESTC0100R 278	ESTC0100R 278	ESTC0100R 279	ESTC0100R 280
	Sample	ESTC0100R 161S 012512S010	ESTC0100R161S012512S010-SPLIT	ESTC0100R 162S 012612S005	ESTC0100R 163S 012612S005	ESTC0100R 164S 012612S005	ESTC0100R164S012612S005-SPLIT	ESTC0100R 165S 012612S000	ESTC0100R 275S 022812S000	ESTC0100R 276S 022812S000	ESTC0100R 277S 022812S010	ESTC0100R 278S 022812S005	ESTC0100R 278D 022812S005	ESTC0100R278D022812S005-SPLIT	ESTC0100R 279S 022812S005	ESTC0100R 280S 022812S010
	Depth	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 1500	< 2500	< 2500	< 2500	< 1000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 360	< 2500	< 2500
Acetone	ug/kg	< 6600	< 6000	< 3200	< 7700	< 1900	< 4100	< 2900	**1000**	< 1000	< 1000	< 1000	< 1000	< 1500	< 1000	< 1000
Acrylonitrile	ug/kg	< 790	< 1500	< 380	< 920	< 230	< 1000	< 350	< 100	< 100	< 110	< 100	< 100	< 360	< 100	< 100
Benzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Bromobenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Bromochloromethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Bromodichloromethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Bromoform	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Bromomethane	ug/kg	< 790	< 1200	< 380	< 920	< 230	< 810	< 350	< 200	< 200	< 200	< 200	< 200	< 290	< 200	< 200
Carbon disulfide	ug/kg	< 790	< 300	< 380	< 920	< 250	< 200	< 350	< 250	< 250	< 250	< 250	< 250	< 73	< 250	< 250
Carbon tetrachloride	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Chlorobenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Chloroethane	ug/kg	< 2600	< 1500	< 1300	< 3100	< 770	< 1000	< 1200	< 330	< 250	< 360	< 250	< 250	< 360	< 250	< 250
Chloroform	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Chloromethane	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Cyclohexane	ug/kg	< 790	< 1500	< 500	< 920	< 500	< 1000	< 500	< 500	< 500	< 500	< 500	< 500	< 360	< 500	< 500
Dibromochloromethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Dibromochloropropane	ug/kg	< 790	< 1500	< 380	< 920	< 230	< 1000	< 350	< 100	< 64	< 110	< 56	< 64	< 360	< 68	< 52
Dibromomethane	ug/kg	< 790	< 300	< 380	< 920	< 250	< 200	< 350	< 250	< 250	< 250	< 250	< 250	< 73	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
Diethyl ether	ug/kg	< 790	< 1200	< 380	< 920	< 230	< 810	< 350	< 200	< 200	< 200	< 200	< 200	< 290	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
Ethylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Ethylene dibromide	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
Hexachloroethane	ug/kg	< 790	< 1500	< 380	< 920	< 300	< 1000	< 350	< 300	< 300	< 300	< 300	< 300	< 360	< 300	< 300
Isopropyl benzene	ug/kg	< 790	< 300	< 380	< 920	< 250	< 200	< 350	< 250	< 250	< 250	< 250	< 250	< 73	< 250	< 250
m&p-Xylene	ug/kg	< 1600	< 600	< 760	< 1800	< 460	< 410	< 700	**270**	< 130	< 220	< 110	< 130	< 150	< 140	< 100
Methyl Iodide	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Methylene chloride	ug/kg	< 1600	< 600	< 380	< 920	< 230	< 410	< 350	< 100	< 100	< 110	< 100	< 100	< 150	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 790	< 300	< 380	< 920	< 250	< 200	< 350	< 250	< 250	< 250	< 250	< 250	< 73	< 250	< 250
Naphthalene	ug/kg	< 2600	< 1500	< 1300	< 3100	< 770	< 1000	< 1200	< 330	< 330	< 360	< 330	< 330	< 360	< 330	< 330
n-Butylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52

	Date \ Time Collected	1/25/2012 2:28 PM	1/25/2012 2:28 PM	1/26/2012 9:32 AM	1/26/2012 10:14 AM	1/26/2012 1:01 PM	1/26/2012 1:01 PM	1/26/2012 1:15 PM	2/28/2012 10:07 AM	2/28/2012 10:12 AM	2/28/2012 10:18 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:44 AM	2/28/2012 10:53 AM
	Location	ESTC0100R 161	ESTC0100R 161	ESTC0100R 162	ESTC0100R 163	ESTC0100R 164	ESTC0100R 164	ESTC0100R 165	ESTC0100R 275	ESTC0100R 276	ESTC0100R 277	ESTC0100R 278	ESTC0100R 278	ESTC0100R 278	ESTC0100R 279	ESTC0100R 280
	Sample	ESTC0100R 161S 012512S010	ESTC0100R161S012512S010-SPLIT	ESTC0100R 162S 012612S005	ESTC0100R 163S 012612S005	ESTC0100R 164S 012612S005	ESTC0100R164S012612S005-SPLIT	ESTC0100R 165S 012612S000	ESTC0100R 275S 022812S000	ESTC0100R 276S 022812S000	ESTC0100R 277S 022812S010	ESTC0100R 278S 022812S005	ESTC0100R 278D 022812S005	ESTC0100R278D022812S005-SPLIT	ESTC0100R 279S 022812S005	ESTC0100R 280S 022812S010
	Depth	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Split	Result	Result	Result	Result	Result	Duplicate	Split	Result	Result
n-Propylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	**120**	< 100	< 110	< 100	< 100	< 73	< 100	< 100
o-Xylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
p-Isopropyl toluene (p-Cymene)	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
sec-Butylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Styrene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
t-Amyl methyl ether (TAME)	ug/kg	< 790	< 1500	< 380	< 920	< 250	< 1000	< 350	< 250	< 250	< 250	< 250	< 250	< 360	< 250	< 250
t-Butyl alcohol	ug/kg	< 2600	< 15000	< 2500	< 3100	< 2500	< 10000	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 3600	< 2500	< 2500
t-Butylbenzene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Tetrachloroethylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Tetrahydrofuran	ug/kg	< 2600	< 1500	< 1300	< 3100	< 1000	< 1000	< 1200	< 1000	< 1000	< 1000	< 1000	< 1000	< 360	< 1000	< 1000
Toluene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Trichloroethylene	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Trichlorofluoromethane	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 100	< 110	< 100	< 100	< 73	< 100	< 100
Vinyl chloride	ug/kg	< 790	< 300	< 380	< 920	< 230	< 200	< 350	< 100	< 64	< 110	< 56	< 64	< 73	< 68	< 52
Xylenes	ug/kg	< 1600	---	< 760	< 1800	< 460	---	< 700	**270**	< 130	< 220	< 110	< 130	---	< 140	< 100

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/30/2012 3:01 PM	1/30/2012 5:41 PM	1/31/2012 10:35 AM	1/31/2012 11:00 AM	1/31/2012 2:00 PM	1/31/2012 2:15 PM	1/31/2012 5:17 PM	2/1/2012 10:56 AM	1/30/2012 3:11 PM	1/30/2012 3:11 PM	1/31/2012 10:20 AM	1/31/2012 10:20 AM	1/31/2012 12:05 PM	1/31/2012 1:45 PM	2/1/2012 10:45 AM
	Location	ESTC0125L 145	ESTC0125L 148	ESTC0125L 200	ESTC0125L 201	ESTC0125L 202	ESTC0125L 203	ESTC0125L 204	ESTC0125L 205	ESTC0125R 166	ESTC0125R 166	ESTC0125R 200	ESTC0125R 200	ESTC0125R 201	ESTC0125R 202	ESTC0125R 203
	Sample	ESTC0125L 145S 013012S000	ESTC0125L 148S 013012S005	ESTC0125L 200S 013112S005	ESTC0125L 201S 013112S005	ESTC0125L 202S 013112S005	ESTC0125L 203S 013112S005	ESTC0125L 204S 013112S000	ESTC0125L 205S 020112S010	ESTC0125R 166S 013012S005	ESTC0125R166 6S013012S00 5-SPLIT	ESTC0125R 200S 013112S005	ESTC0125R 200D 013112S005	ESTC0125R 201S 013112S005	ESTC0125R 202S 013112S005	ESTC0125R 203S 020112S000
	Depth	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result
Metals																
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	**30**	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	**67**	---	---	---	---	---
Beryllium	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.76	**0.60**	< 0.50	**0.32**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	< 0.2	---	---	---	---	---
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	**8.5**	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	**4.4**	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	**32000**	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---	---	---	**7.4**	---	---	---	---	---
Molybdenum	mg/kg	< 1.0	**2.7**	**1.6**	**2.5**	**4.6**	**1.9**	**2.8**	**1.4**	**3.7**	**2.1**	**1.4**	**1.3**	**1.4**	**1.2**	< 1.0
Nickel	mg/kg	**4.6**	**6.3**	**9.5**	**15**	**9.0**	**13**	**14**	**19**	**9.4**	**8.1**	**8.7**	**12**	**12**	**9.2**	**6.0**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	**0.51**	---	---	---	---	---
Silver	mg/kg	---	---	---	---	---	---	---	---	---	< 0.1	---	---	---	---	---
Vanadium	mg/kg	**6.4**	**9.4**	**13**	**17**	**10**	**19**	**22**	**31**	**16**	**13**	**13**	**17**	**17**	**14**	**9.8**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	**18**	---	---	---	---	---
PNA																
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 720	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 580	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	**840**	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	**530**	< 330	< 330	< 290	< 330	< 330	< 330	< 330	< 330

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	1/30/2012 3:01 PM	1/30/2012 5:41 PM	1/31/2012 10:35 AM	1/31/2012 11:00 AM	1/31/2012 2:00 PM	1/31/2012 2:15 PM	1/31/2012 5:17 PM	2/1/2012 10:56 AM	1/30/2012 3:11 PM	1/30/2012 3:11 PM	1/31/2012 10:20 AM	1/31/2012 10:20 AM	1/31/2012 12:05 PM	1/31/2012 1:45 PM	2/1/2012 10:45 AM
	Location	ESTC0125L 145	ESTC0125L 148	ESTC0125L 200	ESTC0125L 201	ESTC0125L 202	ESTC0125L 203	ESTC0125L 204	ESTC0125L 205	ESTC0125R 166	ESTC0125R 166	ESTC0125R 200	ESTC0125R 200	ESTC0125R 201	ESTC0125R 202	ESTC0125R 203
	Sample	ESTC0125L 145S 013012S000	ESTC0125L 148S 013012S005	ESTC0125L 200S 013112S005	ESTC0125L 201S 013112S005	ESTC0125L 202S 013112S005	ESTC0125L 203S 013112S005	ESTC0125L 204S 013112S000	ESTC0125L 205S 020112S010	ESTC0125R 166S 013012S005	ESTC0125R166S013012S005-SPLIT	ESTC0125R 200S 013112S005	ESTC0125R 200D 013112S005	ESTC0125R 201S 013112S005	ESTC0125R 202S 013112S005	ESTC0125R 203S 020112S000
	Depth	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result
Solids																
Moisture	%	**18**	**57**	**27**	**32**	**58**	**22**	**79**	**32**	**25**	---	**25**	**36**	**19**	**19**	**18**
Solids	%	---	---	---	---	---	---	---	---	---	**69.1**	---	---	---	---	---
TPH																
Diesel Range Organics (C10-C20)	mg/kg	< 12	**62**	< 13	**27**	**58**	**14**	**48**	< 14	**400**	---	< 13	< 14	**14**	< 12	< 11
Diesel Range Organics (C10-C20)	ug/kg	---	---	---	---	---	---	---	---	---	**29000**	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.7	< 4.0	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**60**	**430**	**110**	**140**	**750**	**120**	**640**	**85**	**1000**	---	**43**	**73**	**120**	**88**	**78**
Oil Range Organics (C20-C34)	ug/kg	---	---	---	---	---	---	---	---	---	**150000**	---	---	---	---	---
VOC																
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,1,2,2-Tetrachloroethane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,1,2-Trichloroethane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,1-Dichloroethane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,1-Dichloroethylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,2,3-Trichlorobenzene	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 91	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,2-Dichloropropane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,3,5-Trimethylbenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,3-Dichloropropene, trans	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
1,4-Dichloro-2-butene, trans	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 460	< 69	< 100	< 54	< 54	< 53
1,4-Dichlorobenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 860	< 750	< 750	< 890	< 750	< 4100	< 750	< 750	< 460	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 460	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 860	< 330	< 330	< 890	< 330	< 4100	< 330	< 330	< 460	< 330	< 350	< 330	< 330	< 330

	Date \ Time Collected	1/30/2012 3:01 PM	1/30/2012 5:41 PM	1/31/2012 10:35 AM	1/31/2012 11:00 AM	1/31/2012 2:00 PM	1/31/2012 2:15 PM	1/31/2012 5:17 PM	2/1/2012 10:56 AM	1/30/2012 3:11 PM	1/30/2012 3:11 PM	1/31/2012 10:20 AM	1/31/2012 10:20 AM	1/31/2012 12:05 PM	1/31/2012 1:45 PM	2/1/2012 10:45 AM
	Location	ESTC0125L 145	ESTC0125L 148	ESTC0125L 200	ESTC0125L 201	ESTC0125L 202	ESTC0125L 203	ESTC0125L 204	ESTC0125L 205	ESTC0125R 166	ESTC0125R 166	ESTC0125R 200	ESTC0125R 200	ESTC0125R 201	ESTC0125R 202	ESTC0125R 203
	Sample	ESTC0125L 145S 013012S000	ESTC0125L 148S 013012S005	ESTC0125L 200S 013112S005	ESTC0125L 201S 013112S005	ESTC0125L 202S 013112S005	ESTC0125L 203S 013112S005	ESTC0125L 204S 013112S000	ESTC0125L 205S 020112S010	ESTC0125R 166S 013012S005	ESTC0125R166S013012S005-SPLIT	ESTC0125R 200S 013112S005	ESTC0125R 200D 013112S005	ESTC0125R 201S 013112S005	ESTC0125R 202S 013112S005	ESTC0125R 203S 020112S000
	Depth	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 460	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1000	< 2100	< 1500	< 1000	< 3600	< 1100	< 10000	< 1000	< 1000	< 1800	< 1100	< 1400	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 460	< 100	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Bromobenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 200	< 260	< 200	< 200	< 270	< 200	< 1200	< 200	< 200	< 360	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 91	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Chlorobenzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Chloroethane	ug/kg	< 250	< 860	< 250	< 300	< 890	< 250	< 4100	< 290	< 250	< 460	< 250	< 350	< 250	< 250	< 250
Chloroform	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Chloromethane	ug/kg	< 250	< 260	< 250	< 250	< 530	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 1200	< 500	< 500	< 460	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 460	< 69	< 100	< 54	< 54	< 53
Dibromomethane	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 91	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 200	< 260	< 200	< 200	< 270	< 200	< 1200	< 200	< 200	< 360	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Ethylene dibromide	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 1200	< 300	< 300	< 460	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 91	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 100	< 510	< 140	< 180	< 530	< 120	< 2400	< 170	< 130	< 180	< 140	< 210	< 110	< 110	< 110
Methyl Iodide	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 100	< 260	< 240	< 100	< 270	< 140	< 2900	< 100	< 100	< 180	< 160	< 350	< 180	< 180	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 91	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 330	< 860	< 330	< 330	< 890	< 330	< 4100	< 330	< 330	< 460	< 330	< 350	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53

	Date \ Time Collected	1/30/2012 3:01 PM	1/30/2012 5:41 PM	1/31/2012 10:35 AM	1/31/2012 11:00 AM	1/31/2012 2:00 PM	1/31/2012 2:15 PM	1/31/2012 5:17 PM	2/1/2012 10:56 AM	1/30/2012 3:11 PM	1/30/2012 3:11 PM	1/31/2012 10:20 AM	1/31/2012 10:20 AM	1/31/2012 12:05 PM	1/31/2012 1:45 PM	2/1/2012 10:45 AM
	Location	ESTC0125L 145	ESTC0125L 148	ESTC0125L 200	ESTC0125L 201	ESTC0125L 202	ESTC0125L 203	ESTC0125L 204	ESTC0125L 205	ESTC0125R 166	ESTC0125R 166	ESTC0125R 200	ESTC0125R 200	ESTC0125R 201	ESTC0125R 202	ESTC0125R 203
	Sample	ESTC0125L 145S 013012S000	ESTC0125L 148S 013012S005	ESTC0125L 200S 013112S005	ESTC0125L 201S 013112S005	ESTC0125L 202S 013112S005	ESTC0125L 203S 013112S005	ESTC0125L 204S 013112S000	ESTC0125L 205S 020112S010	ESTC0125R 166S 013012S005	ESTC0125R166S013012S005-SPLIT	ESTC0125R 200S 013112S005	ESTC0125R 200D 013112S005	ESTC0125R 201S 013112S005	ESTC0125R 202S 013112S005	ESTC0125R 203S 020112S000
	Depth	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Split	Result	Duplicate	Result	Result	Result
n-Propylbenzene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Styrene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 260	< 250	< 250	< 270	< 250	< 1200	< 250	< 250	< 460	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 4100	< 2500	< 2500	< 4600	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Tetrachloroethylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 4100	< 1000	< 1000	< 460	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Trichloroethylene	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Trichlorofluoromethane	ug/kg	< 100	< 260	< 100	< 100	< 270	< 100	< 1200	< 100	< 100	< 91	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 52	< 260	< 72	< 91	< 270	< 60	< 1200	< 86	< 67	< 91	< 69	< 100	< 54	< 54	< 53
Xylenes	ug/kg	< 100	< 510	< 140	< 180	< 530	< 120	< 2400	< 170	< 130	---	< 140	< 210	< 110	< 110	< 110

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	2/1/2012 11:35 AM	2/1/2012 11:35 AM	2/2/2012 10:02 AM	2/2/2012 10:09 AM	2/2/2012 10:16 AM	2/2/2012 10:21 AM	2/2/2012 10:26 AM	2/2/2012 10:31 AM
	Location	ESTC0125R 204	ESTC0125R 204	ESTC0125R 206	ESTC0125R 207	ESTC0125R 208	ESTC0125R 209	ESTC0125R 210	ESTC0125R 211
	Sample	ESTC0125R 204S 020112S015	ESTC0125R204S020112S015-SPLIT	ESTC0125R 206S 020212S000	ESTC0125R 207S 020212S000	ESTC0125R 208S 020212S025	ESTC0125R 209S 020212S030	ESTC0125R 210S 020212S010	ESTC0125R 211S 020212S030
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	2.5 - 2.5 ft	3 - 3 ft	1 - 1 ft	3 - 3 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
Metals									
Arsenic	mg/kg	---	**19**	---	---	---	---	---	---
Barium	mg/kg	---	**98**	---	---	---	---	---	---
Beryllium	mg/kg	**0.74**	**0.64**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	**0.49**	---	---	---	---	---	---
Chromium (Total)	mg/kg	---	**13**	---	---	---	---	---	---
Copper	mg/kg	---	**5.2**	---	---	---	---	---	---
Iron	mg/kg	---	**21000**	---	---	---	---	---	---
Lead	mg/kg	---	**6.5**	---	---	---	---	---	---
Molybdenum	mg/kg	**11**	**6.7**	**1.7**	**1.3**	**1.0**	< 1.0	< 1.0	< 1.0
Nickel	mg/kg	**17**	**13**	**6.6**	**11**	**11**	**12**	**11**	**9.9**
Selenium	mg/kg	---	**1.0**	---	---	---	---	---	---
Silver	mg/kg	---	< 0.1	---	---	---	---	---	---
Vanadium	mg/kg	**29**	**24**	**9.8**	**20**	**20**	**22**	**19**	**22**
Zinc	mg/kg	---	**19**	---	---	---	---	---	---
PNA									
2-Methylnaphthalene	ug/kg	< 330	< 1100	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 860	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 430	< 330	< 330	< 330	< 330	< 330	< 330

Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	2/1/2012 11:35 AM	2/1/2012 11:35 AM	2/2/2012 10:02 AM	2/2/2012 10:09 AM	2/2/2012 10:16 AM	2/2/2012 10:21 AM	2/2/2012 10:26 AM	2/2/2012 10:31 AM
	Location	ESTC0125R 204	ESTC0125R 204	ESTC0125R 206	ESTC0125R 207	ESTC0125R 208	ESTC0125R 209	ESTC0125R 210	ESTC0125R 211
	Sample	ESTC0125R 204S 020112S015	ESTC0125R204S020112S015-SPLIT	ESTC0125R 206S 020212S000	ESTC0125R 207S 020212S000	ESTC0125R 208S 020212S025	ESTC0125R 209S 020212S030	ESTC0125R 210S 020212S010	ESTC0125R 211S 020212S030
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	2.5 - 2.5 ft	3 - 3 ft	1 - 1 ft	3 - 3 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
Solids									
Moisture	%	**54**	---	**29**	**18**	**18**	**17**	**18**	**19**
Solids	%	---	**46.3**	---	---	---	---	---	---
TPH									
Diesel Range Organics (C10-C20)	mg/kg	**39**	---	**15**	< 11	< 12	< 11	< 12	**27**
Diesel Range Organics (C10-C20)	ug/kg	---	< 54000	---	---	---	---	---	---
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Gasoline Range Organics (C6-C10)	ug/kg	---	---	---	---	---	---	---	---
Oil Range Organics (C20-C34)	mg/kg	**300**	---	**120**	**57**	**38**	**45**	**39**	**120**
Oil Range Organics (C20-C34)	ug/kg	---	**360000**	---	---	---	---	---	---
VOC									
1,1,1,2-Tetrachloroethane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,1,2,2-Tetrachloroethane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,1,2-Trichloroethane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,1-Dichloroethane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,1-Dichloroethylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,2,3-Trichlorobenzene	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,2-Dichloropropane	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,3,5-Trimethylbenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,3-Dichloropropene, trans	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
1,4-Dichloro-2-butene, trans	ug/kg	< 220	< 840	< 100	< 53	< 62	< 51	< 53	< 54
1,4-Dichlorobenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	< 750	< 840	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	< 2500	< 840	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 730	< 840	< 340	< 330	< 330	< 330	< 330	< 330

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Table 10. Reach 3 Saturated Soil Analytical Data - Post-Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	2/1/2012 11:35 AM	2/1/2012 11:35 AM	2/2/2012 10:02 AM	2/2/2012 10:09 AM	2/2/2012 10:16 AM	2/2/2012 10:21 AM	2/2/2012 10:26 AM	2/2/2012 10:31 AM
	Location	ESTC0125R 204	ESTC0125R 204	ESTC0125R 206	ESTC0125R 207	ESTC0125R 208	ESTC0125R 209	ESTC0125R 210	ESTC0125R 211
	Sample	ESTC0125R 204S 020112S015	ESTC0125R204S020112S015-SPLIT	ESTC0125R 206S 020212S000	ESTC0125R 207S 020212S000	ESTC0125R 208S 020212S025	ESTC0125R 209S 020212S030	ESTC0125R 210S 020212S010	ESTC0125R 211S 020212S030
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	2.5 - 2.5 ft	3 - 3 ft	1 - 1 ft	3 - 3 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 840	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Acetone	ug/kg	< 1800	< 3300	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	< 220	< 840	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Bromobenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	< 220	< 670	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Chlorobenzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Chloroethane	ug/kg	< 730	< 840	< 340	< 250	< 250	< 250	< 250	< 250
Chloroform	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Chloromethane	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Cyclohexane	ug/kg	< 500	< 840	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	< 220	< 840	< 100	< 53	< 62	< 51	< 53	< 54
Dibromomethane	ug/kg	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	< 220	< 670	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Ethylene dibromide	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	< 300	< 840	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	< 440	< 330	< 210	< 110	< 120	< 100	< 110	< 110
Methyl Iodide	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	< 220	< 330	< 100	< 100	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 170	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	< 730	< 840	< 340	< 330	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54

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	Date \ Time Collected	2/1/2012 11:35 AM	2/1/2012 11:35 AM	2/2/2012 10:02 AM	2/2/2012 10:09 AM	2/2/2012 10:16 AM	2/2/2012 10:21 AM	2/2/2012 10:26 AM	2/2/2012 10:31 AM
	Location	ESTC0125R 204	ESTC0125R 204	ESTC0125R 206	ESTC0125R 207	ESTC0125R 208	ESTC0125R 209	ESTC0125R 210	ESTC0125R 211
	Sample	ESTC0125R 204S 020112S015	ESTC0125R204S020112S015-SPLIT	ESTC0125R 206S 020212S000	ESTC0125R 207S 020212S000	ESTC0125R 208S 020212S025	ESTC0125R 209S 020212S030	ESTC0125R 210S 020212S010	ESTC0125R 211S 020212S030
	Depth	1.5 - 1.5 ft	1.5 - 1.5 ft	0 - 0 ft	0 - 0 ft	2.5 - 2.5 ft	3 - 3 ft	1 - 1 ft	3 - 3 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Split	Result	Result	Result	Result	Result	Result
n-Propylbenzene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
p-Isopropyl toluene (p-Cymene)	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Styrene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 840	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	< 2500	< 8400	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Tetrachloroethylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Tetrahydrofuran	ug/kg	< 1000	< 840	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Trichloroethylene	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Trichlorofluoromethane	ug/kg	< 220	< 170	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	< 220	< 170	< 100	< 53	< 62	< 51	< 53	< 54
Xylenes	ug/kg	< 440	---	< 210	< 110	< 120	< 100	< 110	< 110

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/kg = milligrams per kilogram.
NCE = no criteria established.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
VOC = volatile organic compound.

Table 11. Reach 3 Soil SPLP Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	12/12/2011 10:29 AM	1/9/2012 11:24 AM	1/9/2012 2:14 PM	1/9/2012 2:21 PM	12/12/2011 10:13 AM	12/12/2011 12:16 PM	12/13/2011 4:12 PM	12/17/2011 9:00 AM	1/9/2012 10:28 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		ESTC0075L 107	ESTC0075L 109	ESTC0075L 111	ESTC0075L 112	ESTC0075R 119	ESTC0075R 121	ESTC0075R 123	ESTC0075R 124	ESTC0075R 125
	Sample					ESTC0075L 107S 121211S010	ESTC0075L 109S 010912S000	ESTC0075L 111S 010912S000	ESTC0075L 112S 010912S015	ESTC0075R 119S 121211S000	ESTC0075R 121S 121211S000	ESTC0075R 123S 121311S010	ESTC0075R 124S 121711S010	ESTC0075R 125S 010912S005
	Depth					1 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	1.5 - 1.5 ft	0 - 0.5 ft	0 - 0.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft
	Fraction					SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status					Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units					Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals														
Molybdenum	mg/l	0.073(B)	3.2(B)(X)	(B)NLV	0.05	**0.011**	**0.026**	**0.17**	**0.060**	**0.022**	**0.0071**	**0.066**	**0.0095**	**0.0089**
VOC														
Toluene	ug/l	790(I)(E)	270(I)	530000(I)(S)	1	---	---	---	---	---	---	---	---	---

Table 11. Reach 3 Soil SPLP Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/9/2012 11:13 AM	1/9/2012 2:08 PM	1/19/2012 1:26 PM	1/19/2012 2:06 PM	1/19/2012 3:41 PM	1/20/2012 3:25 PM	1/20/2012 4:21 PM	1/20/2012 4:31 PM	1/25/2012 1:29 PM	1/26/2012 9:46 AM	1/26/2012 10:01 AM	3/12/2012 11:27 AM	3/12/2012 11:36 AM	3/12/2012 11:53 AM	3/12/2012 12:04 PM
	Location	ESTC0075R 126	ESTC0075R 127	ESTC0100L 132	ESTC0100L 133	ESTC0100L 135	ESTC0100L 136	ESTC0100L 137	ESTC0100L 138	ESTC0100L 141	ESTC0100L 142	ESTC0100L 143	ESTC0100L 269	ESTC0100L 270	ESTC0100L 271	ESTC0100L 272
	Sample	ESTC0075R 126S 010912S000	ESTC0075R 127S 010912S000	ESTC0100L 132S 011912S005	ESTC0100L 133S 011912S005	ESTC0100L 135S 011912S000	ESTC0100L 136S 012012S005	ESTC0100L 137S 012012S005	ESTC0100L 138S 012012S005	ESTC0100L 141S 012512S000	ESTC0100L 142S 012612S010	ESTC0100L 143S 012612S005	ESTC0100L 269S 031212S005	ESTC0100L 270S 031212S005	ESTC0100L 271S 031212S005	ESTC0100L 272S 031212S005
	Depth	0 - 0.5 ft	0 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Molybdenum	mg/l	**0.018**	< 0.0050	< 0.0050	< 0.0050	**0.0093**	**0.017**	**0.0089**	< 0.0050	< 0.0050	**0.011**	**0.0069**	**0.014**	**0.0056**	**0.014**	**0.017**
VOC																
Toluene	ug/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Sheet 2 of 5

Table 11. Reach 3 Soil SPLP Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/20/2012 2:58 PM	1/20/2012 3:37 PM	1/20/2012 4:11 PM	1/20/2012 4:51 PM	1/25/2012 1:14 PM	1/25/2012 2:28 PM	1/26/2012 9:32 AM	1/26/2012 10:14 AM	1/26/2012 1:01 PM	1/26/2012 1:15 PM	2/28/2012 10:07 AM	2/28/2012 10:18 AM	2/28/2012 10:29 AM	2/28/2012 10:29 AM	2/28/2012 10:44 AM
	Location	ESTC0100R 153	ESTC0100R 154	ESTC0100R 155	ESTC0100R 157	ESTC0100R 160	ESTC0100R 161	ESTC0100R 162	ESTC0100R 163	ESTC0100R 164	ESTC0100R 165	ESTC0100R 275	ESTC0100R 277	ESTC0100R 278	ESTC0100R 278	ESTC0100R 279
	Sample	ESTC0100R 153S 012012S010	ESTC0100R 154S 012012S020	ESTC0100R 155S 012012S005	ESTC0100R 157S 012012S005	ESTC0100R 160S 012512S010	ESTC0100R 161S 012512S010	ESTC0100R 162S 012612S005	ESTC0100R 163S 012612S005	ESTC0100R 164S 012612S005	ESTC0100R 165S 012612S000	ESTC0100R 275S 022812S000	ESTC0100R 277S 022812S010	ESTC0100R 278S 022812S005	ESTC0100R 278D 022812S005	ESTC0100R 279S 022812S005
	Depth	1 - 1 ft	2 - 2 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	1 - 1 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0 - 0 ft	1 - 1 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result
Metals																
Molybdenum	mg/l	< 0.0050	**0.037**	**0.0089**	**0.023**	< 0.0050	**0.016**	**0.016**	**0.011**	**0.012**	**0.022**	**0.0090**	**0.012**	**0.013**	**0.012**	**0.019**
VOC																
Toluene	ug/l	---	**15**	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 11. Reach 3 Soil SPLP Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	1/30/2012 5:41 PM	1/31/2012 10:35 AM	1/31/2012 11:00 AM	1/31/2012 2:00 PM	1/31/2012 2:15 PM	1/31/2012 5:17 PM	1/30/2012 3:11 PM	2/1/2012 11:35 AM	2/2/2012 10:02 AM
	Location	ESTC0125L 148	ESTC0125L 200	ESTC0125L 201	ESTC0125L 202	ESTC0125L 203	ESTC0125L 204	ESTC0125R 166	ESTC0125R 204	ESTC0125R 206
	Sample	ESTC0125L 148S 013012S005	ESTC0125L 200S 013112S005	ESTC0125L 201S 013112S005	ESTC0125L 202S 013112S005	ESTC0125L 203S 013112S005	ESTC0125L 204S 013112S000	ESTC0125R 166S 013012S005	ESTC0125R 204S 020112S015	ESTC0125R 206S 020212S000
	Depth	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0.5 - 0.5 ft	0 - 0 ft	0.5 - 0.5 ft	1.5 - 1.5 ft	0 - 0 ft
	Fraction	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP	SPLP
	Saturation Status	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals										
Molybdenum	mg/l	**0.013**	**0.012**	**0.0096**	**0.0094**	**0.016**	**0.0073**	**0.0086**	**0.0062**	**0.014**
VOC										
Toluene	ug/l	---	---	---	---	---	---	---	---	---

Table 11. Footnotes - Reach 3 Soil SPLP Analytical Data - Post Excavation 2011-2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

Soil SPLP Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(E) = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(S) = Criterion defaults to the hazardous substance-specific water solubility limit.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
--- = not completed/not analyzed.
ft = feet.
mg/l = milligram per liter.
NLV = hazardous substance is not likely to volatilize under most conditions.
SPLP = synthetic precipitation leaching procedure.
ug/l = micrograms per liter.
VOC = volatile organic compound.

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Table 12. Reach 3 Groundwater Analytical Data - Post-Excavation 2011 - 2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	12/10/2011 1:57 PM	12/12/2011 1:29 PM	12/9/2011 11:13 AM	2/2/2012 9:32 AM	2/2/2012 9:35 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		EWTC0075C 001	EWTC0075L 005	EWTC0075R 003	EWTC0125R 004	EWTC0125R 004
	Sample					EWTC0075C 001S 121011GX	EWTC0075L 005S 121211GX	EWTC0075R 003S 120911GX	EWTC0125R 004S 020212GX	EWTC0125R0 04S020212GX-SPLIT
	Depth					0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	Dissolved / Total					T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Split
Metals										
Arsenic	ug/l	10(A)	10(X)	NLV	5	---	---	---	---	**56**
Barium	ug/l	2000(B)(A)	1100(B)(G)	(B)NLV	100	---	---	---	---	**520**
Beryllium	mg/l	0.004(A)	0.02(G)	NLV	0.001	< 0.010	**0.014**	< 0.010	< 0.040	---
Beryllium	ug/l	4(A)	20(G)	NLV	1	---	---	---	---	< 5
Cadmium	ug/l	5(B)(A)	4.2(B)(G,X)	(B)NLV	1	---	---	---	---	**1.4**
Chromium (Total)	ug/l	NCE	150	NCE	10	---	---	---	---	**40**
Copper	ug/l	1000(B)(E)	18(B)(G)	(B)NLV	4	---	---	---	---	**70**
Iron	ug/l	300(B)(E)	(B)NA	(B)NLV	200	---	---	---	---	**81000**
Lead	ug/l	4(B)(L)	40(B)(G,X)	(B)NLV	3	---	---	---	---	**55**
Molybdenum	mg/l	0.073(B)	3.2(B)(X)	(B)NLV	0.05	< 0.050	**0.25**	< 0.050	**0.10**	---
Molybdenum	ug/l	73(B)	3200(B)(X)	(B)NLV	50	---	---	---	---	< 125
Nickel	mg/l	0.1(B)(A)	0.11(B)(G)	(B)NLV	0.02	**0.22**	**1.2**	**0.18**	**0.61**	---
Nickel	ug/l	100(B)(A)	110(B)(G)	(B)NLV	20	---	---	---	---	**53**
Selenium	ug/l	50(B)(A)	5(B)	(B)NLV	5	---	---	---	---	< 5
Silver	ug/l	34(B)	0.2(B)(M);0.06	(B)NLV	0.2	---	---	---	---	**0.22**
Vanadium	mg/l	0.0045	0.027	NLV	0.004	**0.18**	**0.51**	**0.29**	**0.98**	---
Vanadium	ug/l	4.5	27	NLV	4	---	---	---	---	**83**
Zinc	ug/l	2400(B)	240(B)(G)	(B)NLV	50	---	---	---	---	**160**
PNA										
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 5.1
Acenaphthene	ug/l	1300	38	4200(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
Acenaphthylene	ug/l	52	ID	3900(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
Anthracene	ug/l	43(S)	ID	43(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
Benzo(a)anthracene	ug/l	2.1(Q)	(Q)ID	(Q)NLV	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(a)pyrene	ug/l	5(Q)(A)	(Q)ID	(Q)NLV	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(b)fluoranthene	ug/l	1.5(Q)(S,AA)	(Q)ID	(Q)ID	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(g,h,i)perylene	ug/l	1(M);0.26(S)	ID	NLV	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Benzo(k)fluoranthene	ug/l	1(Q)(M);0.8(S)	(Q)NA	(Q)NLV	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Chrysene	ug/l	1.6(Q)(S)	(Q)ID	(Q)ID	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Dibenzo(a,h)anthracene	ug/l	2(Q)(M);0.21	(Q)ID	(Q)NLV	2	< 3.7	< 2.0	< 2.0	< 2.0	< 2.0

Table 12. Reach 3 Groundwater Analytical Data - Post-Excavation 2011 - 2012
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	12/10/2011 1:57 PM	12/12/2011 1:29 PM	12/9/2011 11:13 AM	2/2/2012 9:32 AM	2/2/2012 9:35 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		EWTC0075C 001	EWTC0075L 005	EWTC0075R 003	EWTC0125R 004	EWTC0125R 004
	Sample					EWTC0075C 001S 121011GX	EWTC0075L 005S 121211GX	EWTC0075R 003S 120911GX	EWTC0125R 004S 020212GX	EWTC0125R004S020212GX-SPLIT
	Depth					0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	Dissolved / Total					T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Split
Fluoranthene	ug/l	210(S)	1.6	210(S)	1	< 1.9	< 1.0	< 1.0	< 1.0	< 1.0
Fluorene	ug/l	880	12	2000(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
Indeno(1,2,3-c,d)pyrene	ug/l	2(Q)(M);0.022(S)	(Q)ID	(Q)NLV	2	< 3.7	< 2.0	< 2.0	< 2.0	< 2.0
Naphthalene	ug/l	520	11	31000(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
Phenanthrene	ug/l	52	2(M);1.4	1000(S)	2	< 3.7	< 2.0	< 2.0	< 2.0	< 1.0
Pyrene	ug/l	140(S)	ID	140(S)	5	< 9.3	< 5.0	< 5.0	< 5.0	< 1.0
TPH										
Diesel Range Organics (C10-C20)	mg/l	NCE	NCE	NCE	0.1	< 0.19	< 0.10	**0.18**	< 0.10	---
Diesel Range Organics (C10-C20)	ug/l	NCE	NCE	NCE	100	---	---	---	---	< 100
Gasoline Range Organics (C6-C10)	mg/l	NCE	NCE	NCE	0.1	< 0.20	< 0.20	< 0.20	< 0.20	---
Oil Range Organics (C20-C34)	mg/l	NCE	NCE	NCE	0.5	< 0.19	< 0.10	**0.77**	< 0.10	---
Oil Range Organics (C20-C34)	ug/l	NCE	NCE	NCE	500	---	---	---	---	< 500
VOC										
1,1,1,2-Tetrachloroethane	ug/l	77	ID	15000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/l	200(A)	89	660000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	8.5	78(X)	12000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	170000(S)	32	170000(S)	1	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,2-Trichloroethane	ug/l	5(A)	330(X)	17000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	880	740	1e+006	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	7(I)(A)	130(I)	200(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	ug/l	NCE	NCE	NCE	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	42	NA	8300	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	ug/l	NCE	NCE	NCE	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,2,4-Trichlorobenzene	ug/l	70(A)	99(X)	300000(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	ug/l	63(I)(E)	17(I)	56000(I)(S)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	600(A)	13	160000(S)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	ug/l	5(I)(A)	360(I)(X)	9600(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	5(I)(A)	230(I)(X)	16000(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	ug/l	72(I)(E)	45(I)	61000(I)(S)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	6.6	28	18000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, cis	ug/l	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene, trans	ug/l	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichloro-2-butene, trans	ug/l	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0
1,4-Dichlorobenzene	ug/l	75(A)	17	16000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	ug/l	13000(I)	2200(I)	2.4e+008(I)(S)	25	< 25	< 25	< 25	< 25	< 5.0
2-Hexanone	ug/l	1000	ID	4.2e+006	50	< 50	< 50	< 50	< 50	< 5.0

Sheet 2 of 6

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	12/10/2011 1:57 PM	12/12/2011 1:29 PM	12/9/2011 11:13 AM	2/2/2012 9:32 AM	2/2/2012 9:35 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		EWTC0075C 001	EWTC0075L 005	EWTC0075R 003	EWTC0125R 004	EWTC0125R 004
	Sample					EWTC0075C 001S 121011GX	EWTC0075L 005S 121211GX	EWTC0075R 003S 120911GX	EWTC0125R 004S 020212GX	EWTC0125R0 04S020212GX-SPLIT
	Depth					0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	Dissolved / Total					T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Split
2-Methylnaphthalene	ug/l	260	19ID	25000(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone (MIBK)	ug/l	1800(I)	(I)ID	2e+007(I)(S)	50	< 50	< 50	< 50	< 50	< 5.0
Acetone	ug/l	730(I)	1700(I)	1e+009(I)(D,S)	50	< 50	< 50	< 50	< 50	< 20
Acrylonitrile	ug/l	2.6(I)	2(I)(M);1.2	34000(I)	2	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0
Benzene	ug/l	5(I)(A)	200(I)(X)	5600(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	ug/l	18(I)	(I)NA	180000(I)	1	---	---	---	---	< 1.0
Bromochloromethane	ug/l	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	80(A,W)	ID	4800	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	80(A,W)	ID	470000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	10	35	4000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide	ug/l	800(I,R)	(I,R)ID	250000(I,R)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Carbon tetrachloride	ug/l	5(A)	45(X)	370	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	100(I)(A)	25(I)	210000(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	430	1100(X)	5.7e+006(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform	ug/l	80(A,W)	350(X)	28000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	260(I)	(I)ID	8600(I)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene	ug/l	70(A)	620	93000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cyclohexane	ug/l	NCE	NCE	NCE	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	80(A,W)	ID	14000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Dibromochloropropane	ug/l	0.2(A)	ID	220(S)	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0
Dibromomethane	ug/l	80	NA	ID	5	---	---	---	---	< 1.0
Dichlorodifluoromethane	ug/l	1700	ID	220000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Diethyl ether	ug/l	10(E)	ID	6.1e+007(S)	10	< 10	< 10	< 10	< 10	< 5.0
Di-isopropyl ether (DIPE)	ug/l	30	ID	8000(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	74(I)(E)	18(I)	110000(I)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylene dibromide	ug/l	0.05(A)	5.7(X)	2400	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl-tert-butyl ether (ETBE)	ug/l	49(E)	ID	2.9e+006	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachloroethane	ug/l	7.3	6.7(X)	27000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropyl benzene	ug/l	800	28ID	56000(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
m&p-Xylene	ug/l	(J)	(J)	(J)	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl Iodide	ug/l	NCE	NCE	NCE	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene chloride	ug/l	5(A)	1500(X)	220000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methyl-tert-butyl ether (MTBE)	ug/l	40(E)	7100(X)	4.7e+007(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Naphthalene	ug/l	520	11	31000(S)	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	ug/l	80	ID	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

	Date / Time Collected	Part 201 Generic Residential Cleanup Criteria			Target Detection Limits - Water	12/10/2011 1:57 PM	12/12/2011 1:29 PM	12/9/2011 11:13 AM	2/2/2012 9:32 AM	2/2/2012 9:35 AM
	Location	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria		EWTC0075C 001	EWTC0075L 005	EWTC0075R 003	EWTC0125R 004	EWTC0125R 004
	Sample					EWTC0075C 001S 121011GX	EWTC0075L 005S 121211GX	EWTC0075R 003S 120911GX	EWTC0125R 004S 020212GX	EWTC0125R004S020212GX-SPLIT
	Depth					0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	Dissolved / Total					T	T	T	T	T
Analyte	Units					Result	Result	Result	Result	Split
o-Xylene	ug/l	(J)	(J)	(J)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyl toluene (p-Cymene)	ug/l	NCE	NCE	NCE	5	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
sec-Butylbenzene	ug/l	80	ID	ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	100(A)	80(X)	170000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
t-Amyl methyl ether (TAME)	ug/l	190(E)	NA	260000	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
t-Butyl alcohol	ug/l	3900	NA	1e+009(D,S)	50	< 50	< 50	< 50	< 50	< 50
t-Butylbenzene	ug/l	80(I)	(I)ID	(I)ID	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	5(A)	60(X)	25000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	ug/l	95	11000(X)	6.9e+006	90	< 90	< 90	< 90	< 90	< 5.0
Toluene	ug/l	790(I)(E)	270(I)	530000(I)(S)	1	< 1.0	< 1.0	**1.1**	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	100(A)	1500(X)	85000	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	5(A)	200(X)	2200	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	2600	NA	1.1e+006(S)	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	2(A)	13(X)	1100	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes	ug/l	280(I)(E)	41(I)	190000(I)(S)	3	< 2.0	< 2.0	< 2.0	< 2.0	---

Groundwater Footnotes:
All temporary and permanent monitoring wells listed on this table are constructed of 2-inch diameter polyvinyl chloride (PVC) with 5-foot long well screens that are constructed from wire wound PVC with 0.010 inch openings (10 slot).
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(A) = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(E) = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value provided in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(L) = Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(9) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specific rules. The generic residential drinking water criterion of 4 ug/L is linked to the generic residential soil direct contact criterion of 400 mg/kg. A higher concentration in the drinking water, up to the state action level of 15 ug/L, may be allowed as a site-specific remedy and still allow for drinking water use, under Section 20120a(2) and 20120b of the NREPA if soil concentrations are appropriately lower than 400 mg/kg. If a site-specific criterion is approved based on this subdivision, a notice shall be filed on the deed for all property where the groundwater concentrations will exceed 4 ug/L to provide notice of the potential for unacceptable risk if soil or groundwater concentrations increase. Acceptable combinations of site-specific soil and drinking water concentrations are presented in a table available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)

(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(S) = Criterion defaults to the hazardous substance-specific water solubility limit.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(AA) = Use 10,000 ug/l where groundwater enters a structure through the use of a water well, sump or other device. Use 28,000 ug/l for all other uses.
--- = not completed/not analyzed.
ft = feet.
ID = insufficient data to develop criterion.
mg/l = milligram per liter.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLV = hazardous substance is not likely to volatilize under most conditions.
PNA = polynuclear aromatic hydrocarbon.
T = total (unfiltered).
TPH = total petroleum hydrocarbon.
ug/l = micrograms per liter.
VOC = volatile organic compound.

Table 13. Reach 3 Soil Analytical Data - Decomissioning / Auxiliary Locations - 2013
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	1/11/2013 9:50 AM	1/11/2013 10:05 AM	1/11/2013 10:00 AM	1/11/2013 10:00 AM	1/11/2013 10:45 AM	1/11/2013 10:50 AM	1/10/2013 11:25 AM	1/10/2013 11:25 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SSTC0100L 01	SSTC0100L 02	SSTC0100L 03	SSTC0100L 03	SSTC0100R 01	SSTC0100R 02	SSTC0125R 01	SSTC0125R 01
	Sample						SSTC0100L 01S 011113SX	SSTC0100L 02S 011113SX	SSTC0100L 03S 011113SX	SSTC0100L 03D 011113SX	SSTC0100R 01S 011113SX	SSTC0100R 02S 011113SX	SSTC0125R 01S 011013SX	SSTC0125R 01D 011013SX
	Depth						0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Duplicate	Result	Result	Result	Duplicate
Field														
Petroleum Sheen Test	NA	NCE	NCE	NCE	NCE	NCE	---	---	---	---	---	---	---	---
Metals														
Arsenic	mg/kg	7.6	4.6	4.6	NLV	0.1	---	---	---	---	---	---	---	---
Barium	mg/kg	37000(B)	1300(B)	720(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
Beryllium	mg/kg	410	51	250(G)	NLV	0.5	< 0.93	< 1.6	< 1.2	< 1.2	< 0.97	< 0.91	< 0.61	< 0.66
Cadmium	mg/kg	550(B)	6(B)	5(B)(G,X)	(B)NLV	0.2	---	---	---	---	---	---	---	---
Chromium (Total)	mg/kg	2500	30	3.3	NLV	2	---	---	---	---	---	---	---	---
Copper	mg/kg	20000(B)	5800(B)	100(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
Lead	mg/kg	160000(B)	6(B)	(B)NA	(B)NLV	5	---	---	---	---	---	---	---	---
Mercury (Total)	mg/kg	400(B)	700(B)	7000(B)(G,X)	(B)NLV	1	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	160(B,Z)	1.7(B,Z)	0.05(B,Z)(M);1.2	48(B,Z)	0.05	< 2.3	**4.2**	**5.4**	**7.3**	**2.6**	**3.6**	< 1.5	< 1.6
Nickel	mg/kg	40000(B)	100(B)	110(B)(G)	(B)NLV	1	**12**	**10**	**11**	**9.2**	**9.3**	**7.1**	**9.1**	**10**
Selenium	mg/kg	2600(B)	4(B)	0.4(B)	(B)NLV	0.2	---	---	---	---	---	---	---	---
Silver	mg/kg	2500(B)	4.5(B)	0.1(B)(M);27	(B)NLV	0.1	---	---	---	---	---	---	---	---
Vanadium	mg/kg	750(DD)	72	430	NLV	1	**18**	**12**	**15**	**13**	**12**	**9.3**	**13**	**12**
Zinc	mg/kg	170000(B)	2400(B)	240(B)(G)	(B)NLV	1	---	---	---	---	---	---	---	---
PNA														
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	4.1e+007	300000	8700	1.9e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	1.6e+006	5900	ID	1.6e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	2.3e+008	41000	ID	1e+009(D)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	2.5e+006	NLL	NLL	NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	200000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene	ug/kg	2e+006(Q)	(Q)NLL	(Q)NLL	(Q)ID	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene	ug/kg	2000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	4.6e+007	730000	5500	1e+009(D)	330	< 330	**390**	< 330	< 330	**330**	< 330	< 330	< 330
Fluorene	ug/kg	2.7e+007	390000	5300	5.8e+008	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	20000(Q)	(Q)NLL	(Q)NLL	(Q)NLV	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

Table 13. Reach 3 Soil Analytical Data - Decomissioning / Auxiliary Locations - 2013
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	1/11/2013 9:50 AM	1/11/2013 10:05 AM	1/11/2013 10:00 AM	1/11/2013 10:00 AM	1/11/2013 10:45 AM	1/11/2013 10:50 AM	1/10/2013 11:25 AM	1/10/2013 11:25 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SSTC0100L 01	SSTC0100L 02	SSTC0100L 03	SSTC0100L 03	SSTC0100R 01	SSTC0100R 02	SSTC0125R 01	SSTC0125R 01
	Sample						SSTC0100L 01S 011113SX	SSTC0100L 02S 011113SX	SSTC0100L 03S 011113SX	SSTC0100L 03D 011113SX	SSTC0100R 01S 011113SX	SSTC0100R 02S 011113SX	SSTC0125R 01S 011013SX	SSTC0125R 01D 011013SX
	Depth						0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Duplicate	Result	Result	Result	Duplicate
Phenanthrene	ug/kg	1.6e+006	56000	2100	2.8e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	2.9e+007	480000	ID	1e+009(D)	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Solids														
Moisture	%	NCE	NCE	NCE	NCE	NCE	**53**	**62**	**64**	**63**	**54**	**44**	**17**	**16**
TPH														
Diesel Range Organics (C10-C20)	mg/kg	NCE	NCE	NCE	NCE	10	**83**	**98**	**130**	**130**	**92**	**74**	< 12	< 11
Gasoline Range Organics (C6-C10)	mg/kg	NCE	NCE	NCE	NCE	10	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Oil Range Organics (C20-C34)	mg/kg	NCE	NCE	NCE	NCE	20	**370**	**560**	**870**	**640**	**510**	**430**	**160**	**150**
VOC														
1,1,1,2-Tetrachloroethane	ug/kg	480000(C)	1500	ID	6200	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	ug/kg	5e+008(C)	4000	1800	250000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,1,2,2-Tetrachloroethane	ug/kg	53000	170	1600(X)	4300	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,1,2-Trichloroethane	ug/kg	180000	100	6600(X)	4600	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,1-Dichloroethane	ug/kg	2.7e+007(C)	18000	15000	230000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,1-Dichloroethylene	ug/kg	200000(I)	140(I)	2600(I)	62(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,2,3-Trichlorobenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,3-Trichloropropane	ug/kg	1.3e+006(C)	840	NA	4000	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trimethylbenzene	ug/kg	NCE	NCE	NCE	NCE	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	ug/kg	990000(DD)	4200	5900(X)	9.6e+006(C)	330	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trimethylbenzene	ug/kg	3.2e+007(C)	2100(I)	570(I)	4.3e+006(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	ug/kg	1.9e+007(C)	14000	280	1.1e+007(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	ug/kg	91000(I)	100(I)	7200(I)(X)	2100(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,2-Dichloropropane	ug/kg	140000(I)	100(I)	4600(I)(X)	4000(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,3,5-Trimethylbenzene	ug/kg	3.2e+007(C)	1800(I)	1100(I)	2.6e+006(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	ug/kg	200000(C)	170	680	26000	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropene, cis	ug/kg	NCE	NCE	NCE	NCE	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,3-Dichloropropene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,4-Dichloro-2-butene, trans	ug/kg	NCE	NCE	NCE	NCE	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
1,4-Dichlorobenzene	ug/kg	400000	1700	360	19000	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (MEK)	ug/kg	1.2e+008(C,DD)	260000(I)	44000(I)	5.4e+007(C)	750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
2-Hexanone	ug/kg	3.2e+007(C)	20000	ID	990000	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	8.1e+006	57000	4200	2.7e+006	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
4-Methyl-2-pentanone (MIBK)	ug/kg	5.6e+007(C)	36000(I)	(I)ID	3.7e+007(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

Table 13. Reach 3 Soil Analytical Data - Decomissioning / Auxiliary Locations - 2013
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	1/11/2013 9:50 AM	1/11/2013 10:05 AM	1/11/2013 10:00 AM	1/11/2013 10:00 AM	1/11/2013 10:45 AM	1/11/2013 10:50 AM	1/10/2013 11:25 AM	1/10/2013 11:25 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SSTC0100L 01	SSTC0100L 02	SSTC0100L 03	SSTC0100L 03	SSTC0100R 01	SSTC0100R 02	SSTC0125R 01	SSTC0125R 01
	Sample						SSTC0100L 01S 011113SX	SSTC0100L 02S 011113SX	SSTC0100L 03S 011113SX	SSTC0100L 03D 011113SX	SSTC0100R 01S 011113SX	SSTC0100R 02S 011113SX	SSTC0125R 01S 011013SX	SSTC0125R 01D 011013SX
	Depth						0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Duplicate	Result	Result	Result	Duplicate
Acetone	ug/kg	2.3e+007(I)	15000(I)	34000(I)	2.9e+008(C)	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acrylonitrile	ug/kg	16000(I)	100(I)(M);52	100(I)(M);40	6600(I)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	ug/kg	180000(I)	100(I)	4000(I)(X)	1600(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Bromobenzene	ug/kg	540000(I)	550(I)	(I)NA	310000(I)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromochloromethane	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	ug/kg	110000	1600(W)	ID	1200	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	ug/kg	820000	1600(W)	ID	150000	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	ug/kg	320000	200	700	860	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Carbon disulfide	ug/kg	7.2e+006(C,DD)	16000(I,R)	(I,R)ID	76000(I,R)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	ug/kg	96000	100	900(X)	190	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Chlorobenzene	ug/kg	4.3e+006(C)	2000(I)	500(I)	120000(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Chloroethane	ug/kg	2.6e+006(C)	8600	22000(X)	2.9e+006(C)	250	< 250	< 260	< 280	< 270	< 250	< 250	< 250	< 250
Chloroform	ug/kg	1.2e+006	1600(W)	7000	7200	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Chloromethane	ug/kg	1.6e+006(C)	5200(I)	(I)ID	2300(I)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
cis-1,2-Dichloroethylene	ug/kg	2.5e+006(C)	1400	12000	22000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Cyclohexane	ug/kg	NCE	NCE	NCE	NCE	500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	110000	1600(W)	ID	3900	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloropropane	ug/kg	4400(C)	10(M);4	ID	220(C)	10	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Dibromomethane	ug/kg	2.5e+006(C)	1600	NA	ID	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Dichlorodifluoromethane	ug/kg	5.2e+007(C)	95000	ID	900000	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Diethyl ether	ug/kg	1.1e+008(C)	200	ID	2.8e+007(C)	200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Di-isopropyl ether (DIPE)	ug/kg	920000(C)	600	ID	670000(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Ethylbenzene	ug/kg	2.2e+007(C)	1500(I)	360(I)	87000(I)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Ethylene dibromide	ug/kg	92	20(M);1	110(X)	670	20	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Ethyl-tert-butyl ether (ETBE)	ug/kg	ID	980	ID	540000	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Hexachloroethane	ug/kg	230000	430	1800(X)	40000	300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	2.5e+007(C)	91000	3200	400000(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
m&p-Xylene	ug/kg	(J)	(J)	(J)	(J)	100	< 130	< 160	< 170	< 160	< 130	< 110	< 100	< 110
Methyl Iodide	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride	ug/kg	1.3e+006	100	30000(X)	45000	100	< 100	< 180	< 100	< 100	< 100	< 100	< 100	< 100
Methyl-tert-butyl ether (MTBE)	ug/kg	1.5e+006	800	140000(X)	9.9e+006(C)	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	ug/kg	1.6e+007	35000	730	250000	330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
n-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54

	Date \ Time Collected	Part 201 Generic Residential Cleanup Criteria				Target Detection Limits - Soil	1/11/2013 9:50 AM	1/11/2013 10:05 AM	1/11/2013 10:00 AM	1/11/2013 10:00 AM	1/11/2013 10:45 AM	1/11/2013 10:50 AM	1/10/2013 11:25 AM	1/10/2013 11:25 AM
	Location	Direct Contact Criteria	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria		SSTC0100L 01	SSTC0100L 02	SSTC0100L 03	SSTC0100L 03	SSTC0100R 01	SSTC0100R 02	SSTC0125R 01	SSTC0125R 01
	Sample						SSTC0100L 01S 011113SX	SSTC0100L 02S 011113SX	SSTC0100L 03S 011113SX	SSTC0100L 03D 011113SX	SSTC0100R 01S 011113SX	SSTC0100R 02S 011113SX	SSTC0125R 01S 011013SX	SSTC0125R 01D 011013SX
	Depth						0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft
	USCS Code						Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status						Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units						Result	Result	Result	Duplicate	Result	Result	Result	Duplicate
n-Propylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	ug/kg	(J)	(J)	(J)	(J)	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
p-Isopropyl toluene (p-Cymene)	ug/kg	NCE	NCE	NCE	NCE	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
sec-Butylbenzene	ug/kg	2.5e+006	1600	ID	ID	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Styrene	ug/kg	400000	2700	2100(X)	250000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
t-Amyl methyl ether (TAME)	ug/kg	2.9e+007(C)	3900	NA	58000	250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
t-Butyl alcohol	ug/kg	1.2e+008(C)	78000	NA	3.1e+008(C)	2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	2.5e+006(I)	1600(I)	(I)ID	(I)ID	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Tetrachloroethylene	ug/kg	200000(C)	100	1200(X)	11000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Tetrahydrofuran	ug/kg	2.9e+006	1900	220000(X)	1.3e+006	1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	5e+007(C)	16000(I)	5400(I)	330000(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,2-Dichloroethylene	ug/kg	3.8e+006(C)	2000	30000(X)	23000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Trichloroethylene	ug/kg	500000(C,DD)	100	4000(X)	1000	50	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Trichlorofluoromethane	ug/kg	7.9e+007(C)	52000	NA	2.8e+006(C)	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	ug/kg	3800	40	260(X)	270	40	< 64	< 79	< 83	< 81	< 65	< 54	< 51	< 54
Xylenes	ug/kg	4.1e+008(C)	5600(I)	820(I)	6.3e+006(C)	150	< 130	< 160	< 170	< 160	< 130	< 110	< 100	< 110

	Date \ Time Collected	1/10/2013 11:26 AM	1/10/2013 11:34 AM	1/10/2013 11:40 AM	1/10/2013 11:46 AM	1/10/2013 11:50 AM	1/11/2013 11:35 AM	1/11/2013 11:46 AM	1/11/2013 11:34 AM	1/11/2013 11:00 AM	10/24/2011 10:01 AM	10/24/2011 10:01 AM	10/24/2011 10:09 AM	10/24/2011 10:18 AM	10/24/2011 10:24 AM
	Location	SSTC0125R 02	SSTC0125R 03	SSTC0125R 04	SSTC0125R 05	SSTC0125R 06	SSTC0125R 07	SSTC0125R 08	SSTC0125R 09	SSTC0125R 10	TC-STAGING-01-102411	TC-STAGING-01-102411	TC-STAGING-02-102411	TC-STAGING-03-102411	TC-STAGING-04-102411
	Sample	SSTC0125R 02S 011013SX	SSTC0125R 03S 011013SX	SSTC0125R 04S 011013SX	SSTC0125R 05S 011013SX	SSTC0125R 06S 011013SX	SSTC0125R 07S 011113SX	SSTC0125R 08S 011113SX	SSTC0125R 09S 011113SX	SSTC0125R 10S 011113SX	TC-STAGING-01-102411	TC-STAGING-01-102411-DUP	TC-STAGING-02-102411	TC-STAGING-03S102411SX	TC-STAGING-04S102411SX
	Depth	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result
Field															
Petroleum Sheen Test	NA	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Metals															
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---	**11**	**15**	**14**	**17**	**16**
Barium	mg/kg	---	---	---	---	---	---	---	---	---	**48**	**67**	**78**	**76**	**78**
Beryllium	mg/kg	< 0.56	< 0.68	< 0.55	< 0.55	< 0.57	< 0.58	< 0.50	< 0.55	< 1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	**0.34**	**0.48**	**0.47**	< 0.41	**0.41**
Chromium (Total)	mg/kg	---	---	---	---	---	---	---	---	---	**4.2**	**6.2**	**6.5**	**6.0**	**7.1**
Copper	mg/kg	---	---	---	---	---	---	---	---	---	**26**	**34**	**37**	**35**	**36**
Lead	mg/kg	---	---	---	---	---	---	---	---	---	**7.7**	**12**	**12**	**11**	**13**
Mercury (Total)	mg/kg	---	---	---	---	---	---	---	---	---	**0.087**	**0.11**	**0.12**	**0.11**	**0.17**
Molybdenum	mg/kg	< 1.4	< 1.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.2	< 1.4	**5.4**	**2.7**	**3.6**	**3.1**	**3.5**	**3.6**
Nickel	mg/kg	**9.6**	**11**	**11**	**8.3**	**14**	**9.1**	**7.3**	**6.6**	**8.0**	**7.2**	**10**	**10**	**9.3**	**11**
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	**1.6**	**2.0**	**1.9**	**1.9**	**2.0**
Silver	mg/kg	---	---	---	---	---	---	---	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Vanadium	mg/kg	**11**	**11**	**12**	**12**	**17**	**16**	**9.2**	**12**	**12**	**7.9**	**11**	**11**	**11**	**13**
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	**28**	**43**	**44**	**45**	**46**
PNA															
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene	ug/kg	< 330	< 330	< 330	**760**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene	ug/kg	< 330	< 330	< 330	**790**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene	ug/kg	< 330	< 330	< 330	**1300**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene	ug/kg	< 330	< 330	< 330	**810**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**360**	**370**
Chrysene	ug/kg	< 330	< 330	< 330	**930**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	**330**	**350**
Dibenzo(a,h)anthracene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	ug/kg	< 330	< 330	< 330	**1200**	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-c,d)pyrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330

	Date \ Time Collected	1/10/2013 11:26 AM	1/10/2013 11:34 AM	1/10/2013 11:40 AM	1/10/2013 11:46 AM	1/10/2013 11:50 AM	1/11/2013 11:35 AM	1/11/2013 11:46 AM	1/11/2013 11:34 AM	1/11/2013 11:00 AM	10/24/2011 10:01 AM	10/24/2011 10:01 AM	10/24/2011 10:09 AM	10/24/2011 10:18 AM	10/24/2011 10:24 AM
	Location	SSTC0125R 02	SSTC0125R 03	SSTC0125R 04	SSTC0125R 05	SSTC0125R 06	SSTC0125R 07	SSTC0125R 08	SSTC0125R 09	SSTC0125R 10	TC-STAGING-01-102411	TC-STAGING-01-102411	TC-STAGING-02-102411	TC-STAGING-03-102411	TC-STAGING-04-102411
	Sample	SSTC0125R 02S 011013SX	SSTC0125R 03S 011013SX	SSTC0125R 04S 011013SX	SSTC0125R 05S 011013SX	SSTC0125R 06S 011013SX	SSTC0125R 07S 011113SX	SSTC0125R 08S 011113SX	SSTC0125R 09S 011113SX	SSTC0125R 10S 011113SX	TC-STAGING-01-102411	TC-STAGING-01-102411-DUP	TC-STAGING-02-102411	TC-STAGING-03S102411SX	TC-STAGING-04S102411SX
	Depth	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result
Phenanthrene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	ug/kg	< 330	< 330	< 330	**1200**	< 330	< 330	< 330	< 330	< 330	< 330	**360**	< 330	**390**	**430**
Solids															
Moisture	%	**19**	**19**	**17**	**10**	**16**	**26**	**5.2**	**14**	**53**	**43**	**57**	**59**	**59**	**58**
TPH															
Diesel Range Organics (C10-C20)	mg/kg	< 12	< 12	**43**	< 10	< 12	< 13	< 9.8	< 11	**90**	**28**	**56**	**65**	**3200**	**32**
Gasoline Range Organics (C6-C10)	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Oil Range Organics (C20-C34)	mg/kg	**160**	**170**	**170**	**130**	**120**	**150**	< 20	**150**	**470**	**230**	**580**	**680**	**1200**	**480**
VOC															
1,1,1,2-Tetrachloroethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,1,1-Trichloroethane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,1,2,2-Tetrachloroethane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,1,2-Trichloroethane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,1-Dichloroethane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,1-Dichloroethylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,2,3-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
1,2,3-Trichloropropane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,2,3-Trimethylbenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
1,2,4-Trichlorobenzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
1,2,4-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,2-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,2-Dichloroethane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,2-Dichloropropane	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,3,5-Trimethylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,3-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
1,3-Dichloropropene, cis	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,3-Dichloropropene, trans	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,4-Dichloro-2-butene, trans	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
1,4-Dichlorobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
2-Butanone (MEK)	ug/kg	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 850	< 950	< 940	< 910
2-Hexanone	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
2-Methylnaphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 850	< 950	< 940	< 910
4-Methyl-2-pentanone (MIBK)	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500

	Date \ Time Collected	1/10/2013 11:26 AM	1/10/2013 11:34 AM	1/10/2013 11:40 AM	1/10/2013 11:46 AM	1/10/2013 11:50 AM	1/11/2013 11:35 AM	1/11/2013 11:46 AM	1/11/2013 11:34 AM	1/11/2013 11:00 AM	10/24/2011 10:01 AM	10/24/2011 10:01 AM	10/24/2011 10:09 AM	10/24/2011 10:18 AM	10/24/2011 10:24 AM
	Location	SSTC0125R 02	SSTC0125R 03	SSTC0125R 04	SSTC0125R 05	SSTC0125R 06	SSTC0125R 07	SSTC0125R 08	SSTC0125R 09	SSTC0125R 10	TC-STAGING-01-102411	TC-STAGING-01-102411	TC-STAGING-02-102411	TC-STAGING-03-102411	TC-STAGING-04-102411
	Sample	SSTC0125R 02S 011013SX	SSTC0125R 03S 011013SX	SSTC0125R 04S 011013SX	SSTC0125R 05S 011013SX	SSTC0125R 06S 011013SX	SSTC0125R 07S 011113SX	SSTC0125R 08S 011113SX	SSTC0125R 09S 011113SX	SSTC0125R 10S 011113SX	TC-STAGING-01-102411	TC-STAGING-01-102411-DUP	TC-STAGING-02-102411	TC-STAGING-03S102411SX	TC-STAGING-04S102411SX
	Depth	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result
Acetone	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1100	< 2100	< 2400	< 2300	< 2300
Acrylonitrile	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Benzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Bromobenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Bromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Bromodichloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Bromoform	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Bromomethane	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 250	< 280	< 280	< 270
Carbon disulfide	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Carbon tetrachloride	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Chlorobenzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Chloroethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 440	< 850	< 950	< 940	< 910
Chloroform	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Chloromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
cis-1,2-Dichloroethylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Cyclohexane	ug/kg	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Dibromochloromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Dibromochloropropane	ug/kg	< 54	< 55	< 36	< 34	< 49	< 42	< 32	< 35	< 64	< 130	< 250	< 280	< 280	< 270
Dibromomethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Dichlorodifluoromethane	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Diethyl ether	ug/kg	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 250	< 280	< 280	< 270
Di-isopropyl ether (DIPE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Ethylbenzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Ethylene dibromide	ug/kg	< 54	< 55	< 36	< 34	< 49	< 42	< 32	< 35	< 64	< 130	< 250	< 280	< 280	< 270
Ethyl-tert-butyl ether (ETBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Hexachloroethane	ug/kg	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 300
Isopropyl benzene	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
m&p-Xylene	ug/kg	< 110	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 260	< 510	< 570	< 560	< 540
Methyl Iodide	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Methylene chloride	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Methyl-tert-butyl ether (MTBE)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
Naphthalene	ug/kg	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 440	< 850	< 950	< 940	< 910
n-Butylbenzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270

	Date \ Time Collected	1/10/2013 11:26 AM	1/10/2013 11:34 AM	1/10/2013 11:40 AM	1/10/2013 11:46 AM	1/10/2013 11:50 AM	1/11/2013 11:35 AM	1/11/2013 11:46 AM	1/11/2013 11:34 AM	1/11/2013 11:00 AM	10/24/2011 10:01 AM	10/24/2011 10:01 AM	10/24/2011 10:09 AM	10/24/2011 10:18 AM	10/24/2011 10:24 AM
	Location	SSTC0125R 02	SSTC0125R 03	SSTC0125R 04	SSTC0125R 05	SSTC0125R 06	SSTC0125R 07	SSTC0125R 08	SSTC0125R 09	SSTC0125R 10	TC-STAGING-01-102411	TC-STAGING-01-102411	TC-STAGING-02-102411	TC-STAGING-03-102411	TC-STAGING-04-102411
	Sample	SSTC0125R 02S 011013SX	SSTC0125R 03S 011013SX	SSTC0125R 04S 011013SX	SSTC0125R 05S 011013SX	SSTC0125R 06S 011013SX	SSTC0125R 07S 011113SX	SSTC0125R 08S 011113SX	SSTC0125R 09S 011113SX	SSTC0125R 10S 011113SX	TC-STAGING-01-102411	TC-STAGING-01-102411-DUP	TC-STAGING-02-102411	TC-STAGING-03S102411SX	TC-STAGING-04S102411SX
	Depth	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0.0-0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
	USCS Code	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
	Saturation Status	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Duplicate	Result	Result	Result
n-Propylbenzene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
o-Xylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
p-Isopropyl toluene (p-Cymene)	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
sec-Butylbenzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Styrene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
t-Amyl methyl ether (TAME)	ug/kg	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 280	< 280	< 270
t-Butyl alcohol	ug/kg	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
t-Butylbenzene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Tetrachloroethylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Tetrahydrofuran	ug/kg	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
trans-1,2-Dichloroethylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Trichloroethylene	ug/kg	< 54	< 55	< 50	< 50	< 50	< 50	< 50	< 50	< 64	< 130	< 250	< 280	< 280	< 270
Trichlorofluoromethane	ug/kg	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 250	< 280	< 280	< 270
Vinyl chloride	ug/kg	< 54	< 55	< 40	< 40	< 49	< 42	< 40	< 40	< 64	< 130	< 250	< 280	< 280	< 270
Xylenes	ug/kg	< 110	< 110	< 100	< 100	< 100	< 100	< 100	< 100	< 130	< 260	< 510	< 570	< 560	< 540

Soil Footnotes:
Criteria were originally promulgated December 21, 2002 within the Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This table reflects new criteria rules, numbered from 299.1 to 299.50 which became effective on December 30, 2013.
MDEQ Operational Memorandum 2, Attachment 5 states that soil samples taken from the saturated zone cannot be accurately compared to criteria developed for unsaturated soils.
Bold values are concentrations detected above the reporting limit.
Shaded values exceed Part 201 Generic Residential Cleanup Criteria.
Shaded values indicate that the laboratory Reporting Limit value exceeds Part 201 Generic Residential Cleanup Criteria.
(B) = Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
(C) = The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (Csat). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific Csat or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
(D) = Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
(G) = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO3/L, use 400 mg CaCO3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. A spreadsheet that may be used to calculate GSI and GSI protection criteria for (G)-footnoted hazardous substances is available on the Department of Environmental Quality (DEQ) internet web site. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(I) = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, Remediation and Redevelopment Division (RRD), 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(J) = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
(M) = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
(Q) = Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
(R) = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules and is available for inspection at the DEQ, 525 West Allegan Street, Lansing, Michigan. Copies of the regulation may be purchased, at a cost as of the time of adoption of these rules of $45, from the Superintendent of Documents, Government Printing Office, Washington, DC 20401 (stock number 869-044-00155-1), or from the DEQ, RRD, 525 West Allegan Street, Lansing, Michigan 48933, at cost.
(W) = Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
(X) = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. (See R 299.49 Footnotes for generic cleanup criteria tables for additional information.)
(DD) = Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
ft = feet.
ID = insufficient data to develop criterion.

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Table 13. Footnotes - Reach 3 Soil Analytical Data - Decomissioning / Auxiliary Locations - 2013
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

mg/kg = milligrams per kilogram.
NA = a criterion or value is not available or, in the case of background and CAS numbers, not applicable.
NCE = no criteria established.
NLL = hazardous substance is not likely to leach under most soil conditions.
NLV = hazardous substance is not likely to volatilize under most conditions.
PNA = polynuclear aromatic hydrocarbon.
TPH = total petroleum hydrocarbon.
ug/kg = micrograms per kilogram.
USCS = Unified Soil Classification System.
VOC = volatile organic compound.

Table 14. Reach 3 Potential Aesthetic Observations
Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
Enbridge Energy, Limited Partnership

Location Code	Date	Depth Interval (feet)	Total Depth of Boring (feet)	Sheen			Odor[4]		Visible Oil[5]	Percent Visible Oil (%)[6]
				Within Soil Core[1]	On Borehole Water [2]	On Purge Water[3]	In Soil	In Purge Water		
Submerged Oil Task Force										
SOTF-B-Q-1.07-R01	9/26/2010	0.0-0.6	2	Yes						
2011 Soil Results										
SBTC0075L038B	9/22/2011	4.0-8.0	8				Yes			
SBTC0075L040	9/15/2011	0.0-0.5	8	Yes						
SBTC0075L042[7]	9/15/2011	NA	8		Yes					
SBTC0075R046	9/14/2011	0.0-1.3	8	Yes						
SBTC0075R047	9/15/2011	NA	8			Yes				
SBTC0075R052	9/14/2011	0.0-1.1	8				Yes			
SBTC0100L079	9/23/2011	0	8	Yes						
SBTC0100L084	9/24/2011	0.0-0.7	8	Yes						
SBTC0100L089	9/24/2011	0.6-1.5	8	Yes						
SBTC0100L090[7]	9/24/2011	NA	8		Yes					
SBTC0100R009A[7]	9/21/2011	NA	8		Yes					
SBTC0125L002[7]	9/26/2011	NA	8		Yes					
SBTC0125L007	9/22/2011	NA	8		Yes					
SBTC0125R006	9/20/2011	4.0-4.5	8	Yes						

Footnotes:

1 = Information from Soil Core Completion Detail- Materials description column on Soil Core log sheet

2 = Information from Coring/Logging comments at bottom of Soil Core log sheet

3 = Information from Low Flow Groundwater Sampling logs

4 = Information from notes 1, 2, and 3

5 = Information from Soil Core Completion Detail- Core Under Visible Light column on Soil Core log sheet

6 = Information from Soil Core Completion Detail- Core Under Visible Light, % column on Soil Core log sheet. Percentage was not determined in 2011.

7 = Locations were re-evaluated during data gap visual assessment.

NA = Not Applicable

Sheet 1 of 1