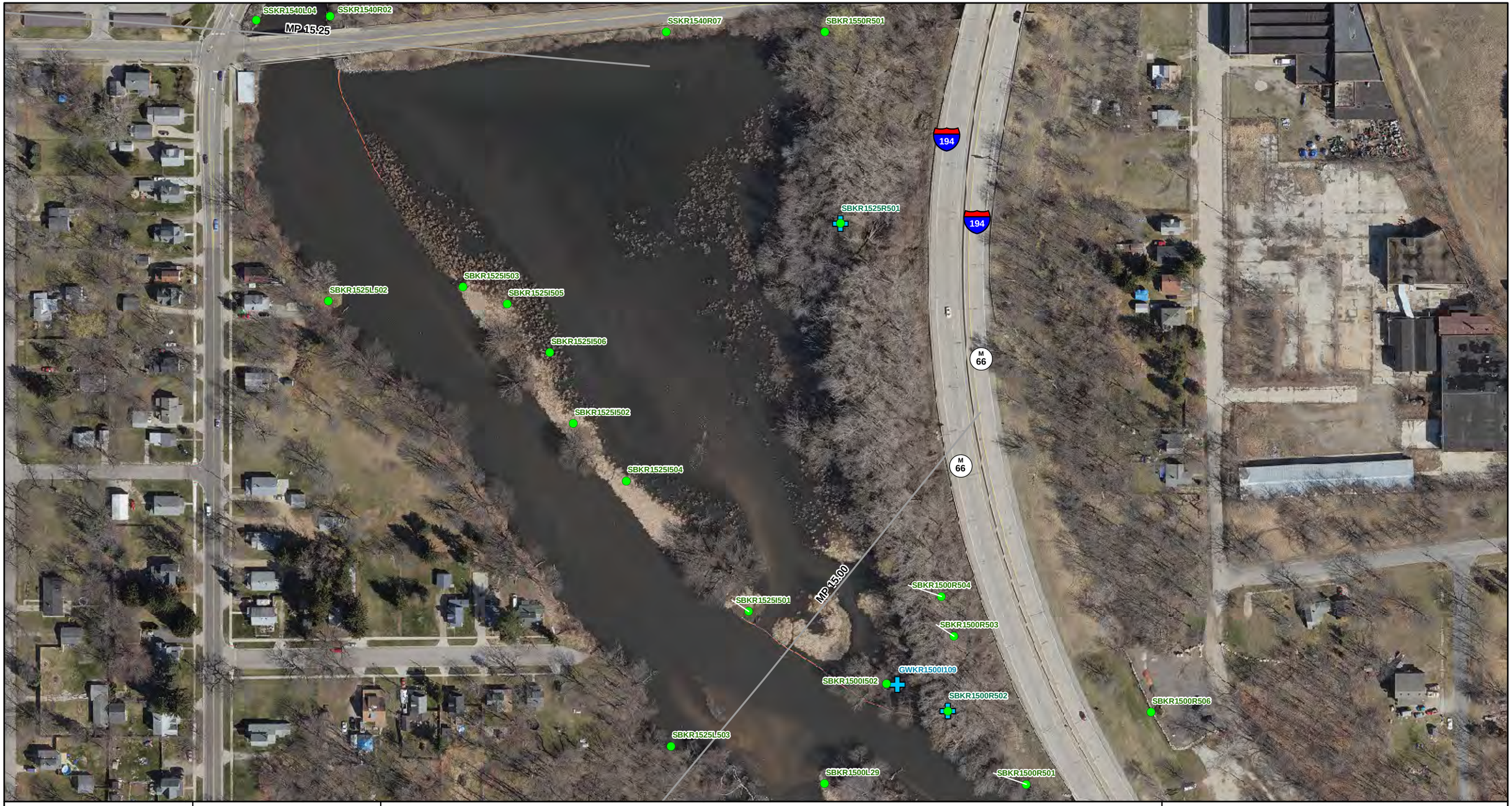
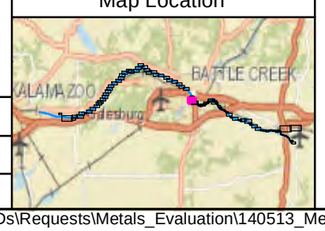


ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 75 150 300

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 116 OF 159

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

Z:\Work\GIS\Kalamazoo_River_RI\MXDs\Requests\Metals_Evaluation\140513_Metals_Evaluation_Unsaturated_Samples_SA_TC_KR.mxd

Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 50 100 200

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 117 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
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Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 75 150 300

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 118 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

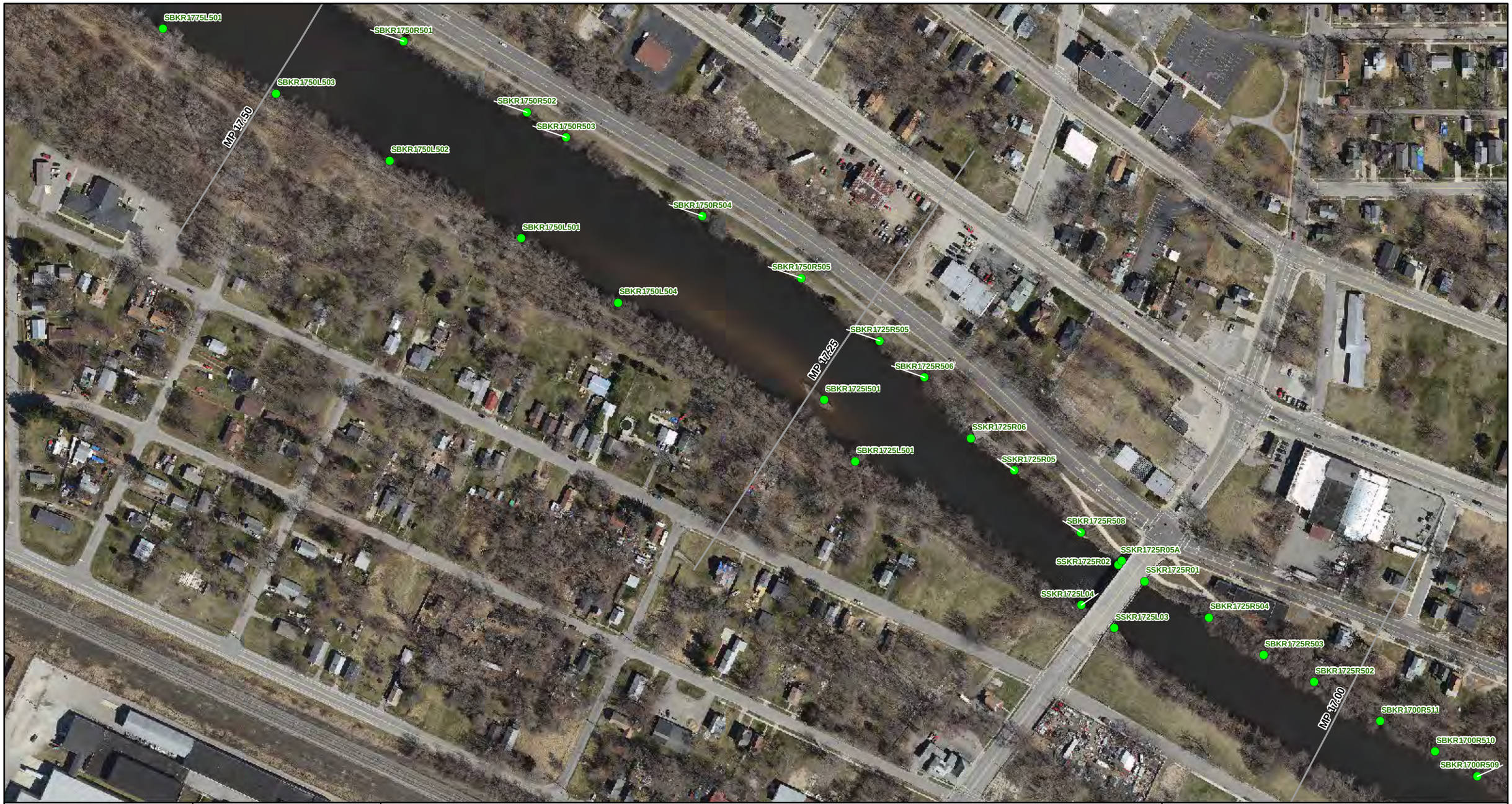
Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 119 OF 159

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

Z:\Work\GIS\Kalamazoo_River_RI\MXDs\Requests\Metals_Evaluation\140513_Metals_Evaluation_Unsaturated_Samples_SA_TC_KR.mxd

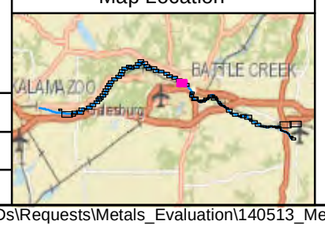
Aerial Photography Date: April 2011 over August 2010



ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 120 OF 159

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

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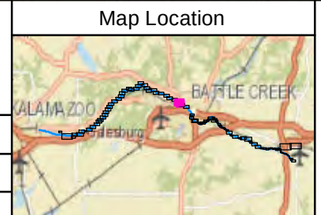
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 121 OF 159

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

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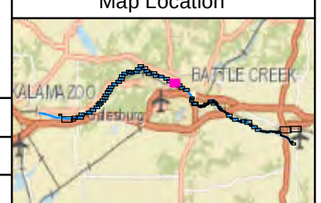
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 122 OF 159

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

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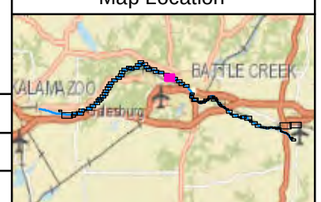
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 123 OF 159

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

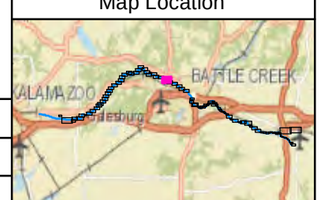
Z:\Work\GIS\Kalamazoo_River_RI\MXDs\Requests\Metals_Evaluation\140513_Metals_Evaluation_Unsaturated_Samples_SA_TC_KR.mxd

Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 124 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 125 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 126 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 127 OF 159

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

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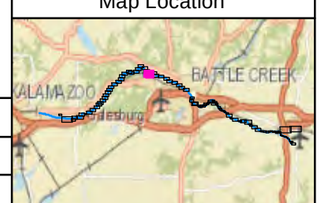
Aerial Photography Date: April 2011 over August 2010

Drawn:	NS 5/28/2014
Approved:	JC 5/28/2014
Project #:	60313732

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 128 OF 159

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

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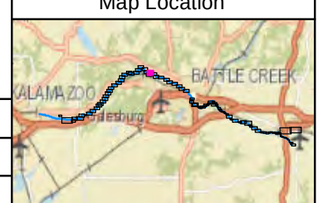
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 37.5 75 150

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 129 OF 159

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

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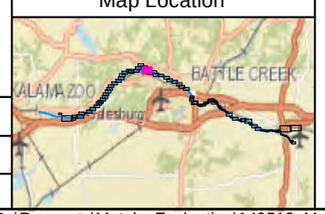
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 130 OF 159

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

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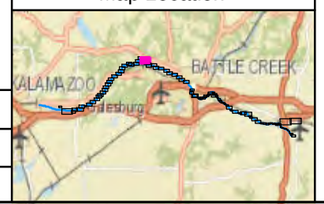
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 131 OF 159

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

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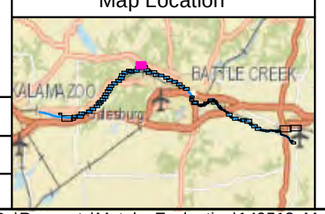
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 132 OF 159

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

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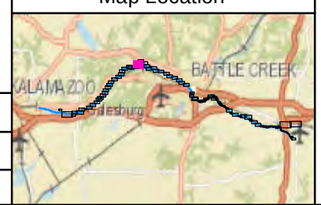
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 133 OF 159

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

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Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location

Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 134 OF 159

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

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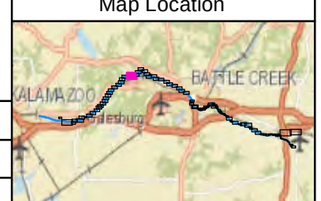
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 135 OF 159

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

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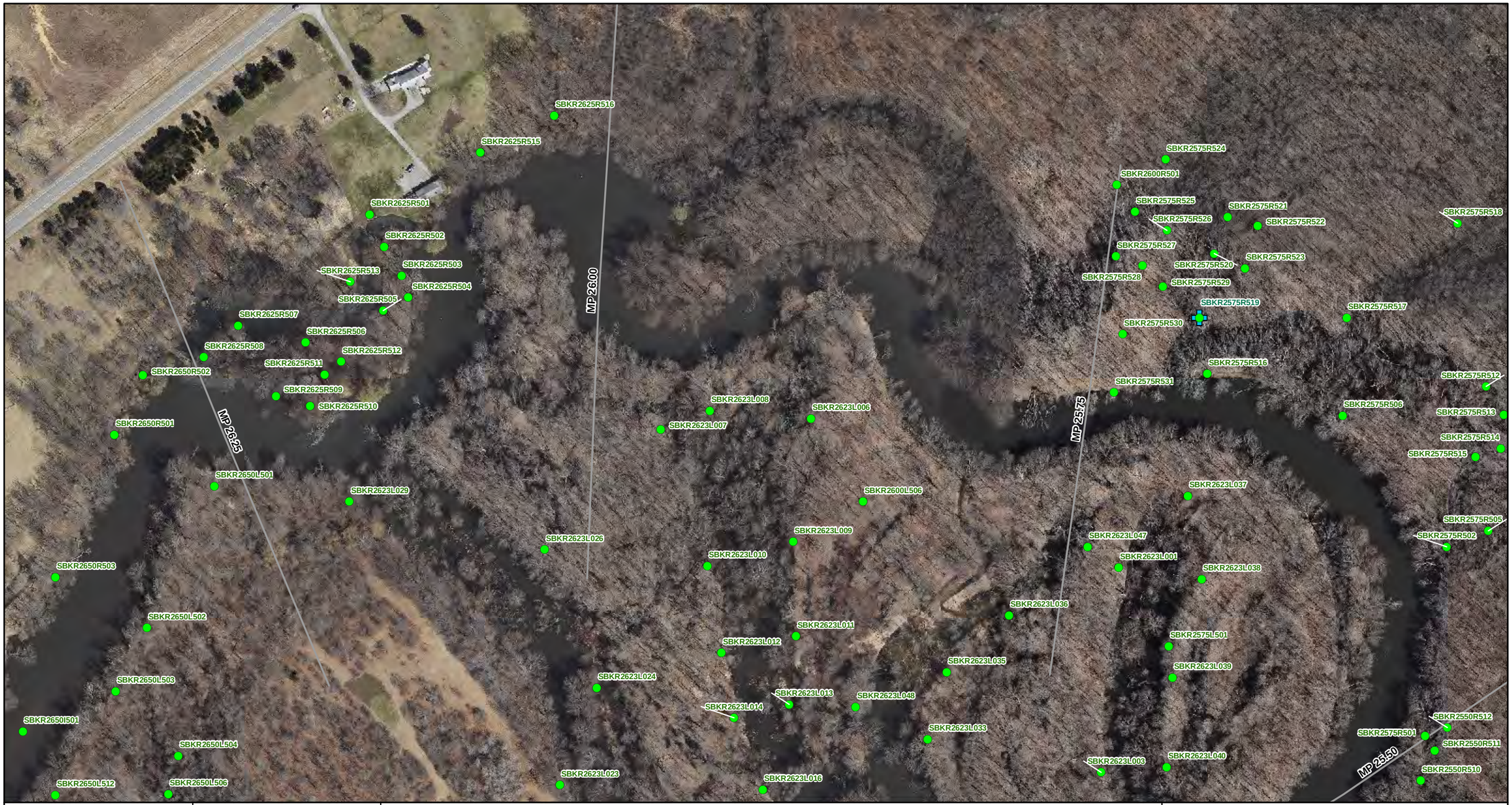
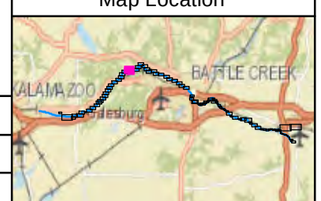
Aerial Photography Date: April 2011 over August 2010



ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 136 OF 159

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

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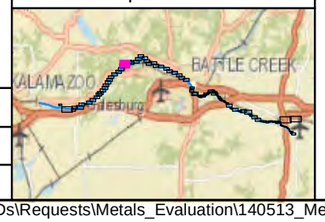
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 137 OF 159

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

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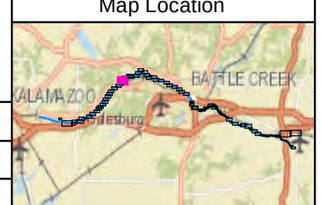
Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

Metals Evaluation Sample

- Soil
- Temporary Well
- Soil and Temporary Well
- Monitoring Well
- Soil and Monitoring Well

Quarter Mile Grid Segment

N

0 100 200 400

Scale in Feet

FIGURE 1
UNSATURATED SOIL AND GROUNDWATER SAMPLE LOCATIONS WITH METALS ANALYTICAL DATA
METALS EVALUATION
SHEET 138 OF 159

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

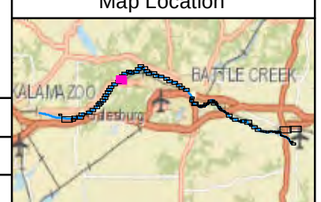
Z:\Work\GIS\Kalamazoo_River_RI\MXDs\Requests\Metals_Evaluation\140513_Metals_Evaluation_Unsaturated_Samples_SA_TC_KR.mxd

Aerial Photography Date: April 2011 over August 2010

ENBRIDGE

Drawn:	NS	5/28/2014
Approved:	JC	5/28/2014
Project #:	60313732	

Map Location



Legend

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Scale in Feet

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METALS EVALUATION
SHEET 139 OF 159

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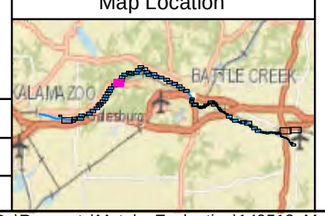

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Scale in Feet

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METALS EVALUATION
SHEET 140 OF 159

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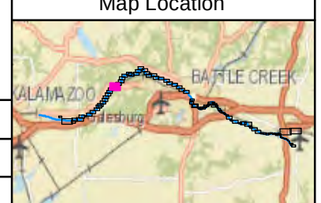
Map Location



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SHEET 141 OF 159

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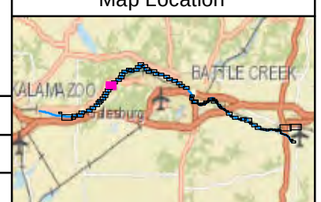

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SHEET 142 OF 159

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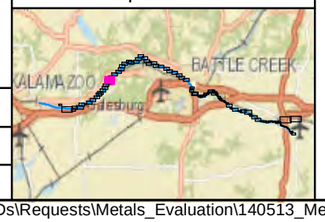

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SHEET 143 OF 159

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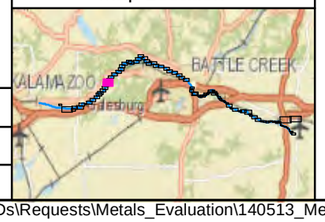

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