

above ground storage tank
 air quality
 asbestos/lead-based paint
 baseline environmental assessment
 brownfield redevelopment
 building/infrastructure restoration
 caisson/piles
 coatings
 concrete
 construction materials services
 corrosion
 dewatering
 drilling
 due care analysis
 earth retention system
 environmental compliance
 environmental site assessment
 facility asset management
 failure analyses
 forensic engineering
 foundation engineering
 geodynamic/vibration
 geophysical survey
 geosynthetic
 greyfield redevelopment
 ground modification
 hydrogeologic evaluation
 industrial hygiene
 indoor air quality/mold
 instrumentation
 masonry/stone
 metals
 nondestructive testing
 pavement evaluation/design
 property condition assessment
 regulatory compliance
 remediation
 risk assessment
 roof system management
 sealants/waterproofing
 settlement analysis
 slope stability
 storm water management
 structural steel/welding
 underground storage tank

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 GRAND RAPIDS DISTRICT

**2009 ANNUAL
GROUNDWATER MONITORING REPORT**

**FORMER
WHITE CONSOLIDATED INDUSTRIES
BELDING SITE
BELDING, MICHIGAN**

SME Project No. LE59334

August 25, 2009

Belding Products 34 0083
 SITE/CO 100 East Main Street
 FILE NAME PLC
 TITLE RLW
 DOCUMENT SME / 2009 Annual
GW monitoring Report



Soil and Materials Engineers, Inc.

**2009 ANNUAL GROUNDWATER MONITORING REPORT
FORMER WHITE CONSOLIDATED INDUSTRIES
BELDING SITE, BELDING MICHIGAN**

**Prepared for
Gerard Heyt, Jr., District Supervisor
Michigan Department of Environmental Quality
350 Ottawa Avenue, NW, Unit 10
Grand Rapids, Michigan 49503-2341**

**Prepared by
Soil and Materials Engineers, Inc.
2663 Eaton Rapids Road
Lansing, Michigan 48911
Phone: (517) 887-9181
Fax: (517) 887-2666**

**SME Project No. LE59334
August 25, 2009**





Soil and Materials Engineers, Inc.
2663 Eaton Rapids Road
Lansing, MI 48911-6310

tel (517) 887-9181
fax (517) 887-2666
www.sme-usa.com

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August 25, 2009

Mr. Gerard Heyt, Jr., District Supervisor
Michigan Department of Environmental Quality
350 Ottawa Avenue, NW, Unit 10
Grand Rapids, Michigan 49503-2341

RE: 2009 Annual Groundwater Monitoring Report
Former White Consolidated Industries - Belding Site
Belding, Michigan
SME Project No. LE59334

Dear Mr. Heyt:

On May 6 and 7, 2009, Soil and Materials Engineers Inc. (SME) conducted the annual groundwater sampling at the Former White Consolidated Industries (WCI) Belding Site. The Former WCI Belding Site is located at 100 East Main Street in Belding, Michigan (see Figure 1).

This sampling event was conducted in general accordance with the Michigan Department of Environmental Quality (MDEQ) Environmental Response Division (ERD)-approved monitoring plan dated December 13, 1996. This groundwater monitoring plan, prepared by the Dragun Corporation, is contained in the "Limited Industrial Remedial Action Plan, Former White Consolidated Industries Belding Site," (RAP) dated October 27, 1998. This sampling event was also conducted in general accordance with the SME submittal titled, "Response to March 24, 1999, MDEQ Correspondence", dated March 19, 2001, which addressed varying the season in which the annual groundwater and surface water sampling is performed.

The findings of the May 2009 annual groundwater sampling event are presented in this report.

Direction of Groundwater Flow

To estimate the direction of groundwater flow in the vicinity of the Former WCI Belding Site, SME evaluated static groundwater elevation data collected on May 6, 2009 (Table 1). Based on this data, a groundwater contour map was constructed (Figure 2). As shown on Figure 2, groundwater flows to the northeast toward the Flat River, which is consistent with previous groundwater flow conditions.

Plymouth
Bay City
Grand Rapids
Kalamazoo
Lansing
Shelby Township
Toledo
Traverse City

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consultants in the geosciences, materials, and the environment

Sample Collection Methods

On May 6 and 7, 2009, groundwater samples were collected from 12 monitoring wells, and surface water samples were collected from the Flat River at two locations (Figure 2).

Prior to sampling, temperature, conductivity, dissolved oxygen (DO), oxidation reduction potential (ORP) and pH measurements were collected following the removal of each well volume at each accessible well location, with the exception of MW5. These measurements were made using an In-Situ Inc. Troll 9000 meter. Groundwater samples were collected following stabilization of field chemistry. At MW5, groundwater did not recover sufficiently during purging for measurement of field chemistry stabilization. The Monitoring Well Field Report documenting field chemistry stabilization is presented in Appendix A.

Each monitoring well was sampled with a peristaltic sampling pump using disposable high-density polyethylene (HDPE) tubing. The surface water of the Flat River was sampled at two locations, designated SW1 and SW2, using HDPE disposable bailers. Groundwater and surface water samples were collected in laboratory-supplied, pre-preserved containers using environmental sampling and preservation protocols, which include chain-of-custody documentation and sample shipment procedures.

Laboratory Testing of Surface Water and Groundwater Samples

Monitoring wells MW4S, MW5, MW6, MW7, MW10, MW11 and surface water sample SW2 were sampled and analyzed for volatile organic compounds (VOCs) and selected cations and anions. Monitoring wells MW1, MW2, MW3, MW4D, MW8, MW9 and surface water sample SW1 were sampled and analyzed for VOCs. Laboratory test methods and results are discussed below. A duplicate sample was collected for quality assurance/quality control from monitoring well MW9.

Distribution of Chlorinated Hydrocarbons

Eighteen water samples were submitted to Fibertec Environmental Services (Fibertec) of Holt, Michigan and tested for the presence of VOCs using USEPA Method 8260. In addition to the 15 water samples, an equipment blank, field blank and trip blank were submitted to Fibertec for analysis. A summary of laboratory data from the 2009 annual sampling event is presented in Table 2. Laboratory data reports are presented in Appendix B. The laboratory data reports list variances from the acceptance limits of QA/QC parameters. Based on a review of the data provided, the variances are not judged to adversely affect the results of the groundwater monitoring program.

Table 2 shows that vinyl chloride was detected at concentrations that exceed MDEQ Part 201 industrial clean-up criteria protective of drinking water in four groundwater samples from MW1, MW2, MW4S and MW8. The highest vinyl chloride concentration was detected in the groundwater sample collected from monitoring well MW4S at a concentration of 380 micrograms per liter (ug/L). Cis-1,2-dichloroethene at MW4S and tetrachloroethene and trichloroethene (TCE) at MW6 were each detected at concentrations that exceeded MDEQ Part 201 industrial clean-up criteria protective of drinking water.



The highest concentration of chlorinated hydrocarbons present in groundwater was detected in monitoring well MW6, which is located adjacent to the source area. The total concentration of chlorinated hydrocarbons present in monitoring well MW6 was 1,026 ug/L. The chlorinated hydrocarbons detected in the groundwater sample collected from MW6 consisted mostly of TCE at a concentration of 960 ug/L, which is below the 4,200 ug/L mixing zone-based GSI value presented in the October 27, 1998 RAP. TCE concentrations related to the identified source area are indicated to degrade to low or nondetectable concentrations along the bank of the Flat River. Laboratory analysis indicates that the concentrations of TCE at the bank of the Flat River would meet Part 201 generic residential and GSI criteria. Furthermore, VOCs were not detected at or above laboratory detection limits in the two surface water samples, SW1 and SW2, collected from the Flat River.

Distribution of Cations and Anions

Groundwater samples collected from monitoring wells MW4S, MW5, MW6, MW7, MW10, MW11 and surface water location SW2 were tested for dissolved oxygen and alkalinity and the following list of cations and anions to evaluate natural intrinsic biodegradation:

- sulfate
- nitrogen, ammonia
- nitrogen, kjeldahl
- total organic carbon
- manganese, dissolved
- iron, dissolved
- nitrogen, nitrate+nitrite
- chloride

Chemical analyses were completed by Fibertec. A summary of laboratory data is presented in Table 2. Laboratory data reports are presented in Appendix B. The strongest indicator of natural intrinsic biodegradation is chloride. Table 2 reveals a general trend of increasing chloride concentrations hydraulically downgradient of the source area (MW6 area). This finding is consistent with degradation of chlorinated hydrocarbons. Previous assessments suggest the substantial reduction of chlorinated hydrocarbons observed at the site is due to natural anaerobic bacteria that are present near the source of the release.

Conclusions

On May 6 and 7, 2009, SME collected groundwater and surface water samples from the Former WCI Belding Site. This sampling event was conducted in conformance with the MDEQ-approved monitoring plan dated December 13, 1996. Based on the analysis of the laboratory data collected during the May 2009 sampling event and from previous groundwater sampling events, SME reached the following conclusions.

- The highest concentration of chlorinated hydrocarbons present in groundwater was detected in monitoring well MW6, located adjacent to the source area. During the 2009 sampling event, TCE was detected at monitoring well MW6 at a concentration of 960 ug/L, which is lower than previous sampling events completed from 2001 through 2008.



- Concentrations of chlorinated hydrocarbons decrease in concentration in groundwater hydraulically downgradient of monitoring well MW6, located in the source area. The presence of two or more of the constituents cis-1,2-dichloroethene, 1,1-dichloroethene, 1,1-dichloroethane, and vinyl chloride at downgradient wells MW1 and MW4S indicate that degradation of TCE is occurring at the site. None of these constituents were detected at downgradient well MW3. VOCs were also not detected at or above laboratory detection limits in the two surface water samples, SW1 and SW2, collected from the Flat River.
- The increase in chloride downgradient of the source area indicates anaerobic biodegradation of TCE and related chemicals.

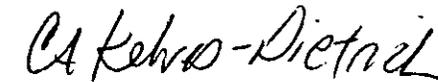
Analysis of the laboratory data from this sampling event and previous sampling events confirms that natural biodegradation of TCE and related compounds are occurring at the site. For this reason, SME recommends continued annual monitoring of surface water and groundwater quality in accordance with the MDEQ-approved monitoring plan dated December 13, 1996. The next sampling event is scheduled for the fall of 2010.

If you have any questions or comments regarding this letter report, please contact us at (517) 887-9181.

Sincerely,

SOIL AND MATERIALS ENGINEERS INC.


Jamie P. Buckingham
Senior Geologist


Cheryl Kehres-Dietrich, CGWP
Senior Project Consultant

Attachments: Figures
Tables
Appendix A - Field Data Sheets
Appendix B - Laboratory Data Sheets and Chain-of-Custody Documentation

Distribution: Mr. Doug Ucci - Quantum Management Group, Inc.
(two originals, one electronic)

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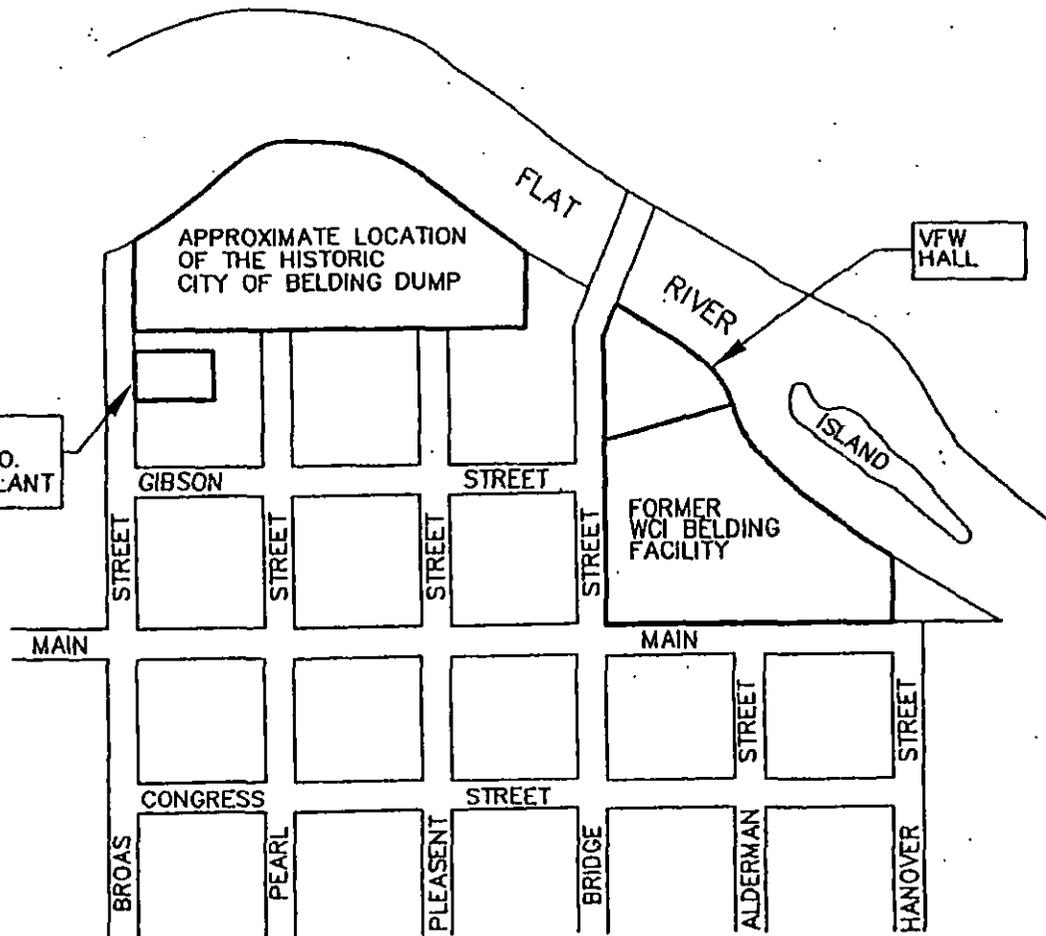


FIGURES

FORMER MICHIGAN
CONSOLIDATED GAS CO.
COAL GASIFICATION PLANT

APPROXIMATE LOCATION
OF THE HISTORIC
CITY OF BELDING DUMP

VFW
HALL



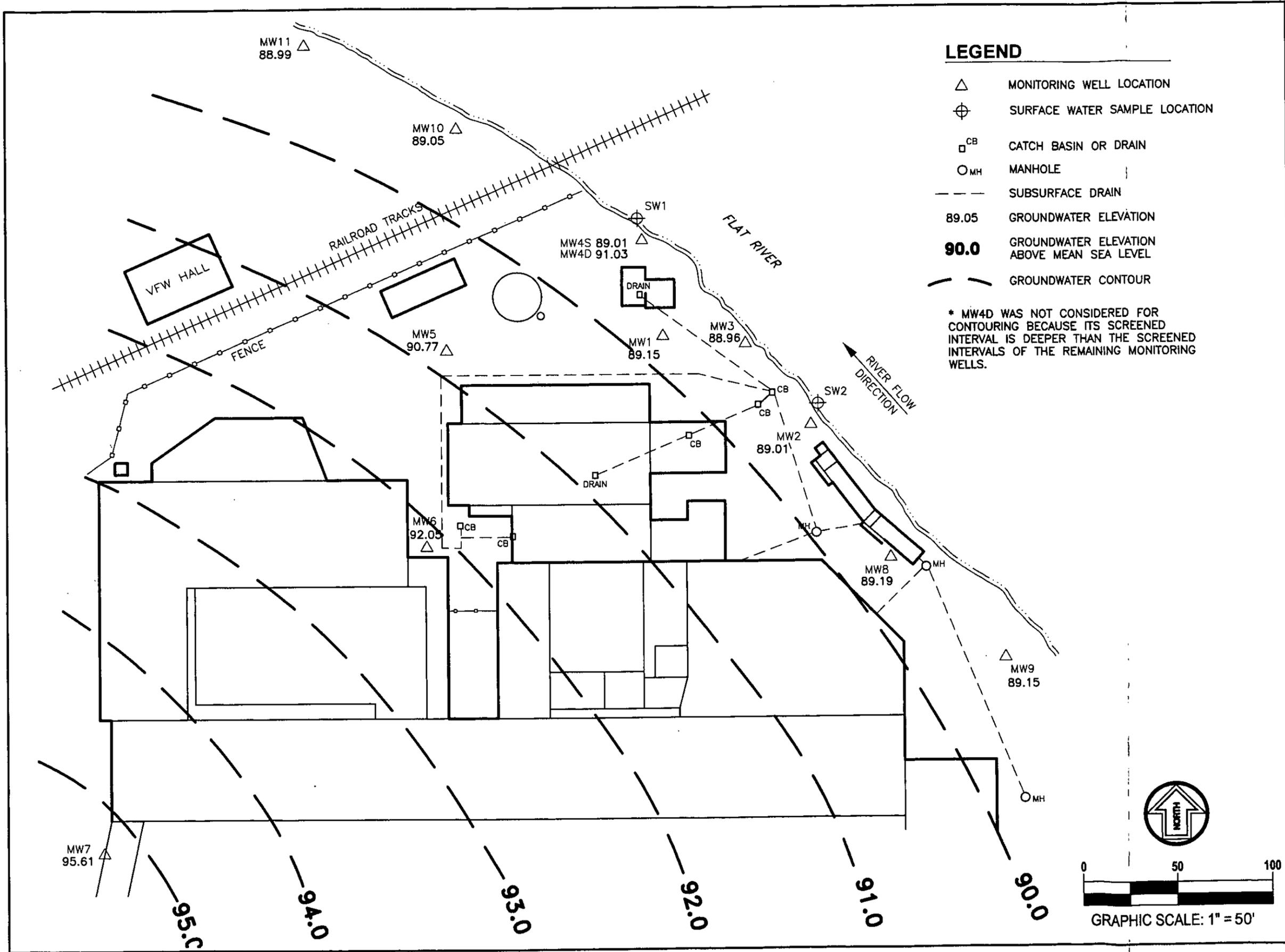
NOTE:
DRAWING INFORMATION BASED
ON PROPERTY LOCATION MAP
PREPARED BY THE DRAGON CORP.
DATED 9/30/00.



BAY CITY
GRAND RAPIDS
KALAMAZOO
LANSING
PLYMOUTH
TOLEDO

DATE	3/17/00
DRAWN BY	A/JW
SCALE	NTS
JOB	LB 35508

**PROPERTY LOCATION MAP
FORMER WCI BELDING FACILITY
BELDING, MICHIGAN**



LEGEND

- △ MONITORING WELL LOCATION
- ⊕ SURFACE WATER SAMPLE LOCATION
- ^{CB} CATCH BASIN OR DRAIN
- ^{MH} MANHOLE
- - - SUBSURFACE DRAIN
- 89.05 GROUNDWATER ELEVATION
- 90.0** GROUNDWATER ELEVATION ABOVE MEAN SEA LEVEL
- - - GROUNDWATER CONTOUR

* MW4D WAS NOT CONSIDERED FOR CONTOURING BECAUSE ITS SCREENED INTERVAL IS DEEPER THAN THE SCREENED INTERVALS OF THE REMAINING MONITORING WELLS.

No.	Revision Date

MAY 6, 2009
GROUNDWATER ELEVATION
CONTOUR AND FLOW DIRECTION DIAGRAM
FORMER WCI BELDING FACILITY
BELDING, MICHIGAN

Date	8-3-09
Drawn By	JAB
Checked By	JPB
Scale	1" = 50'
Project	LE57125

plymouth
 bay city
 grand rapids
 kalamazoo
 lansing
 shelby twp.
 toledo
 traverse city



Aug 03, 2009 - 10:32am - jblake R:\57000\LE57125\57125-02.dwg

Figure No. 2

TABLES

TABLE 1

MAY 6, 2009 GROUNDWATER ELEVATION DATA
 FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE
 BELDING, MICHIGAN
 SME PROJECT NO. LE59334

Monitoring Well Identification	Top of Casing Elevation (Feet Above MSL)	Depth to Groundwater (feet)	Groundwater Elevation (Feet Above MSL)
MW1	91.85	2.70	89.15
MW2	94.47	5.46	89.01
MW3	94.38	5.42	88.96
MW4S	95.70	6.69	89.01
MW4D	95.30	4.00	91.30
MW5	94.32	3.55	90.77
MW6	96.68	4.63	92.05
MW7	99.94	4.33	95.61
MW8	93.29	4.10	89.19
MW9	96.60	7.45	89.15
MW10	97.82	8.77	89.05
MW11	97.88	8.89	88.99

MSL = Mean sea level.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE

SME Project No. LE59334
Page 1 of 16

Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW1	MW1	MW1	MW1	MW1	MW1	MW1	MW1	MW1	
			7-12 4/30/01	7-12 10/10/02	7-12 2/25/03	7-12 7/14/04	7-12 4/28/05	7-12 10/26/06	7-12 2/28/07	7-12 7/15/08	7-12 05/06/09	
Volatile Organic Compounds												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	1.6	ND	1.1	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	3.4	5.0	2.1	4.2	4.5	4.3	6.0	4.1	3.7	
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	22	40	28	34	49	71	110	160	96	
Metals - Natural Attenuation Parameters												
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	1.04	0.88	15.20	2.35	1.70	2.24	1.53	2.10	0.29	
Eh (mV)	NA	NA	-85.0	-98.0	-86.9	-130.3	-98.1	-96.0	-107.6	-71.2	-93.0	
Conductivity (uS/cm)	NA	NA	802	908	1,065	600	619	935	896	820	677	
pH	NA	NA	7.09	6.86	6.99	7.00	7.16	9.11	8.94	7.07	7.27	
Temperature (C)	NA	NA	10.70	19.80	5.75	18.82	7.94	15.83	6.40	18.01	11.53	

See Notes on Page 16 of 16

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE
SME Project No. LE59334
Page 2 of 16

Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW2 8-13 4/30/01	MW2 8-13 10/10/02	MW2 8-13 2/24/03	MW2 8-13 7/14/04	MW2 8-13 4/28/05	MW2 8-13 10/26/06	MW2 8-13 2/27/07	MW2 8-13 7/16/08	MW2 8-13 05/06/09
Volatile Organic Compounds											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	8.9	ND	1.3	7	6.1	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	1.9	ND	ND	1.1	1.8	ND	ND	ND	1.3
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	10	ND	ND	3.3	8.1	ND	ND	ND	9.9
Metals - Natural Attenuation Parameters											
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	1.18	1.48	6.20	3.21	1.46	2.73	8.58	2.40	0.30
Eh (mV)	NA	NA	-96.0	-118.0	-100.3	-132.5	-110.1	-104.1	-109.3	-93.6	-100
Conductivity (uS/cm)	NA	NA	809	635	738	463	959	803	782	686	718.5
pH	NA	NA	6.98	6.96	6.92	7.11	6.86	9.27	9.96	6.98	7.05
Temperature (C)	NA	NA	10.70	17.70	4.15	16.10	7.77	13.86	5.69	16.63	11.85

See Notes on Page 16 of 16

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE
SME Project No. LE59334
Page 3 of 16

Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW3	MW3	MW3	MW3	MW3	MW3	MW3	MW3	Duplicate	MW3
			7-12 4/30/01	7-12 10/10/02	7-12 2/24/03	7-12 7/14/04	7-12 4/28/05	7-12 10/26/06	7-12 2/27/07	7-12 7/15/08	7-12 7/15/08	7-12 05/06/09
Volatile Organic Compounds												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	110	ND	110	110	240	130	150	60	58	66
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters												
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	2.29	0.92	8.84	2.22	1.29	1.35	5.48	1.70	1.70	0.67
Eh (mV)	NA	NA	-98.0	-112.0	-96.0	-133	-110.1	-168.1	-108.8	-86.7	-86.7	-99.0
Conductivity (uS/cm)	NA	NA	702	560	670	382	654	641	616	588	588	646
pH	NA	NA	6.90	6.85	6.88	7.07	6.95	10.15	9.73	6.94	6.94	7.12
Temperature (C)	NA	NA	12.60	17.30	5.43	15.33	8.28	14.98	6.45	16.88	16.88	11.57

See Notes on Page 16 of 16

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE
SME Project No. LE59334
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected										
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW4S 9-14 4/30/01	MW4S 9-14 10/10/02	MW4S 9-14 2/25/03	MW4S 9-14 7/14/04	MW4S 9-14 4/28/05	MW-X** 9-14 4/28/05	MW4S 9-14 10/26/06	MW4S 9-14 2/27/07	MW4S 9-14 7/15/08	MW4S 9-14 05/07/09	
Volatile Organic Compounds													
Benzene	200	5	1.8	1.9	1.3	ND	ND	ND	ND	1.5	1.3	1.1	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	4.5	ND	ND	ND	ND	ND	ND	ND	5.7	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	5.7	1.5	3.2	7.9	3.8	3.9	2.0	1.6	1.9	4.5	
1,1-Dichloroethene	65	7	23	5.2	11	11	11	11	3.7	5.1	5.5	12	
Cis-1,2-dichloroethene	620	70	780	560	380	360	420	400	280	230	290	330	
trans-1,2-Dichloroethene	1,500	100	2.0	1.4	1.5	1.4	19	14	1.8	ND	11	ND	
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	4,200*	5	1.2	ND	ND	ND	1.1	1.0	ND	ND	ND	3.5	
Vinyl Chloride	8,000*	2	1,000	1,400	680	580	340	370	99	780	740	380	
Metals - Natural Attenuation Parameters													
Iron	NA	NA	9,100	9,800	8,500	7,700	6,700	NS	8,700	8,300	6,600	5,600	
Manganese	NA	NA	930	1,000	1,300	890	700	NS	970	920	770	750	
General Chemistry - Natural Attenuation Parameters													
Alkalinity (total)***	NA	NA	290	360	330	330	250	NS	380	380	220	220,000	
Chloride	NA	NA	170,000	130,000	120,000	98,000	98,000	NS	100,000	72,000	110,000	78,000	
Nitrogen, Ammonia	NA	NA	1,200	1,200	860	1,100	850	NS	940	740	780	490	
Nitrate plus Nitrite	NA	NA	ND	ND	ND	ND	ND	NS	27	ND	ND	ND	
Nitrogen, Kjeldahl	NA	NA	1,500	700	1,200	1,200	670	NS	1,300	1,100	900	600	
Sulfate	NA	NA	22,000	15,000	18,000	20,000	20,000	NS	16,000	10,000	21,000	17,000	
Total Organic Carbon	NA	NA	8,600	100,000	11,000	9,300	5,700	NS	6,700	9,800	5,800	4,400	
Dissolved Oxygen (mg/l)	NA	NA	2.29	0.95	9.54	2.48	2.69	NS	7.02	3.58	2.8	0.13	
Eh (mV)	NA	NA	-57.0	-86.0	-77.5	-97.5	-68.6	NS	-71.39	-73.2	-46.5	-30	
Conductivity (uS/cm)	NA	NA	1,047	902	1,051	545	771	NS	1059.03	985	860	788.2	
pH	NA	NA	6.96	6.78	6.83	6.97	7.16	NS	8.1	9.39	6.91	6.96	
Temperature (C)	NA	NA	11.40	17.10	7.19	14.24	8.12	NS	15.6	6.94	16.29	10.99	

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW4D 17-22 4/30/01	MW4D 17-22 10/10/02	MW4D 17-22 2/24/03	MW4D 17-22 7/14/04	MW4D 17-22 4/28/05	MW4D 17-22 10/26/06	DUPLICATI 17-22 10/26/06	MW4D 17-22 2/27/07	MW4D 17-22 7/15/08	MW4D 17-22 05/06/09
VOCs												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	15	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	34	ND	ND	ND	ND
Metals - Natural Attenuation Parameters												
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	2.27	1.68	6.87	2.17	1.52	4.90	4.90	6.51	5.20	0.80
Eh (mV)	NA	NA	-71.0	-122.0	-25.0	-129.9	-93.5	-80.1	-80.1	47.8	-41.2	-45
Conductivity (uS/cm)	NA	NA	389	355	386	250	396	407	407	404	367	404
pH	NA	NA	7.47	7.48	7.50	7.73	7.49	9.69	9.69	9.27	7.65	7.72
Temperature (C)	NA	NA	11.70	16.10	6.42	13.32	8.96	13.99	13.99	19.12	14.54	13.26

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW5 9-14 4/30/01	MW5 9-14 10/10/02	MW5 9-14 2/25/03	MW5 9-14 7/14/04	MW5 9-14 4/28/05	MW5 9-14 10/25/06	MW5 9-14 2/2007	MW5 9-14 7/15/08	MW5 9-14 05/07/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND		ND	ND
Toluene	140	790	ND	ND	ND	18	ND	ND		ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	Well Purged	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	Dry	ND	ND
Chloromethane	ID	1,100	6.0	ND	ND	ND	ND	ND	Could Not Sample	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND		ND	ND
1,1-Dichloroethene	65	7	1.3	ND	ND	ND	ND	ND		ND	ND
Cis-1,2-dichloroethene	620	70	52	4.9	ND	ND	ND	ND		ND	1.0
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND		ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND		ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND		ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND		ND	ND
Trichloroethene	4,200*	5	76	5.9	ND	ND	ND	12		ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND		ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	3,100	17,000	540	7,200	2,000	ND		2,000	2,500
Manganese	NA	NA	76	47	69	180	120	50		110	280
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	320	300	300	86	180	48		41	160,000
Chloride	NA	NA	1,500,000	68,000	710,000	160,000	410,000	ND		ND	320,000
Nitrogen, Ammonia	NA	NA	680	240	120	1,500	470	130		1,000	820
Nitrate plus Nitrite	NA	NA	ND	120	330	480	ND	128		ND	ND
Nitrogen, Kjeldahl	NA	NA	420	410	150	2,000	500	400		2,000	900
Sulfate	NA	NA	57,000	51,000	53,000	11,000	33,000	4,300		3,900	24,000
Total Organic Carbon	NA	NA	1,600	69,000	5,600	11,000	3,000	1,600		13,000	2,100
Dissolved Oxygen (mg/l)	NA	NA	1.40	1.29	7.01	1.59	2.83	4.76	13.29	Insufficient	Insufficient
Eh (mV)	NA	NA	-43.0	-61.0	16.2	-102.7	-16.7	18.8	-9.5	Recharge	Recharge
Conductivity (uS/cm)	NA	NA	3	2,302	2,797	363	1,424	103	649	to Collect	to Collect
pH	NA	NA	7.10	6.91	6.01	7.00	6.96	8.96	9.81	Field	Field
Temperature (C)	NA	NA	12.70	19.00	5.68	18.68	9.33	14.17	5.31	Parameters	Parameters

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW6 6-11 4/30/01	MW6 6-11 10/10/02	MW6 6-11 2/25/03	MW6 6-11 7/14/04	MW6 6-11 4/28/05	MW6 6-11 10/25/06	MW6 6-11 2/27/07	MW6 6-11 7/16/08	Duplicate 6-11 7/16/08	MW6 6-11 05/07/09
VOCs												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1D	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	1D	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	2.6	1.2	ND	1.9	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	16	85	41	9.7	26	25	62	64	54
trans-1,2-Dichloroethene	1,500	100	ND	ND	5.2	2.6	ND	ND	1.1	6.0	5.3	ND
tetrachloroethene	45	5	ND	15	22	18	8.3	7.2	7.6	4.9	5.6	7.0
1,1,1-trichloroethane	200	200	ND	24	49	ND	7.6	5.8	5.6	6.5	6.5	4.6
1,1,2-Trichloroethane	330	5	ND	ND	ND	25	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	11,000	6,800	8,900	2,000	2,500	2,900	2,500	2,000	2,000	960
1,2,4 Trimethylbenzene	17	63(E)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes	35	280(E)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1
Metals - Natural Attenuation Parameters												
Iron	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese	NA	NA	ND	46	ND	ND	ND	ND	ND	ND	ND	ND
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	150	120	140	130	120	130	110	110	120	110,000
Chloride	NA	NA	37,000	17,000	12,000	14,000	19,000	15,000	35,000	17,000	16,000	ND
Nitrogen, Ammonia	NA	NA	130	73	ND	75	67	ND	ND	ND	ND	ND
Nitrate plus Nitrite	NA	NA	4,300	2,600	2,600	4,400	6,800	3,800	4,800	3,700	3,700	5,300
Nitrogen, Kjeldahl	NA	NA	ND	ND	ND	200	ND	300	200	300	300	200
Sulfate	NA	NA	20,000	18,000	16,000	29,000	33,000	20,000	23,000	37,000	37,000	32,000
Total Organic Carbon	NA	NA	1,400	34,000	4,600	2,600	3,100	2,200	1,800	2,200	2,100	2,100
Dissolved Oxygen (mg/l)	NA	NA	3.61	1.27	9.31	2.74	6.30	1.75	21.68	8.90	8.90	8.81
Eh (mV)	NA	NA	-27.0	-17.3	40.6	30.8	-16.7	132.7	215.0	60.4	60.4	233.0
Conductivity (uS/cm)	NA	NA	445	418	400	314	471	374	437	389	389	374
pH	NA	NA	7.45	7.02	6.15	7.35	7.35	8.95	9.94	6.74	6.74	6.44
Temperature (C)	NA	NA	13.20	17.00	4.63	15.33	8.55	11.05	5.51	24.25	24.25	11.99

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW7 7-12 4/30/01	MW7 7-12 10/10/02	MW7 7-12 2/25/03	MW7 7-12 7/14/04	MW7 7-12 4/28/05	MW7 7-12 10/25/06	MW7 7-12 2/28/07	MW7 7-12 7/16/08	MW7 7-12 05/07/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	2.1	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	160
Manganese	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	170	150	190	170	130	180	190	210	210,000
Chloride	NA	NA	15,000	ND	ND	12,000	21,000	ND	ND	31,000	11,000
Nitrogen, Ammonia	NA	NA	ND	ND	ND	610	680	28	26	ND	ND
Nitrate plus Nitrite	NA	NA	2,900	1,300	2,700	900	4,200	971	690	1,300	2,100
Nitrogen, Kjeldahl	NA	NA	ND	ND	ND	ND	ND	300	200	200	200
Sulfate	NA	NA	18,000	8,800	16,000	9,600	9,200	8,400	7,100	9,800	9,000
Total Organic Carbon	NA	NA	ND	27,000	5,700	2,000	2,200	1,700	1,500	1,300	1,300
Dissolved Oxygen (mg/l)	NA	NA	5.46	4.16	12.51	5.31	9.13	9.09	5.92	5.80	9.87
Eh (mV)	NA	NA	209.0	38.2	-16.8	21.5	24.2	48.3	32.9	23.8	197.0
Conductivity (uS/cm)	NA	NA	368	266	428	273	362	365	371	498	470
pH	NA	NA	8.33	7.75	7.60	7.83	7.96	9.88	9.14	7.69	7.52
Temperature (C)	NA	NA	9.10	17.50	5.05	15.84	8.09	12.92	6.19	16.32	9.62

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TABLE 2
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW8 9-14 4/30/01	MW8 9-14 10/10/02	MW8 9-14 2/24/03	MW8 9-14 7/14/04	MW8 9-14 4/28/05	MW8 9-14 10/26/06	MW8 9-14 2/2007	MW8 9-14 7/15/08	MW8 9-14 05/06/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1D	1,700	ND	ND	ND	ND	ND	ND	Was not Sampled Due to Access	ND	ND
Chloromethane	1D	1,100	ND	ND	ND	ND	ND	ND		ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	4.0	ND		ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND		ND	ND
Cis-1,2-dichloroethene	620	70	3.1	3.3	3.3	3.1	5.7	3.6		2.8	2.6
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND		1.3	1.1
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND		ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND		ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND		ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND		ND	ND
Vinyl Chloride	8,000*	2	33	42	44	35	16	30		37	26
Metals - Natural Attenuation Parameters											
Iron	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS		NS	NS
Dissolved Oxygen (mg/l)	NA	NA	1.36	0.87	6.18	2.63	3.05	2.02		2.80	0.24
Eh (mV)	NA	NA	-82.0	-79.0	-52.4	-100.1	-55.8	-44.0		-47.3	-42.0
Conductivity (uS/cm)	NA	NA	775	697	787	514	713	885		771	804
pH	NA	NA	7.12	6.99	6.90	7.11	7.03	10.02		6.91	7.09
Temperature (C)	NA	NA	11.70	16.00	6.18	15.00	7.56	13.49		15.70	10.29

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW9 14-19 4/30/01	MW9 14-19 10/10/02	MW9 14-19 2/24/03	MW9 14-19 7/14/04	MW9 14-19 4/28/05	MW9 14-19 10/25/06	MW9 14-19 2/2007	MW9 14-19 7/15/08	MW9 14-19 05/06/09	DUPLICATE 14-19 05/06/09
VOCs												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	Was not Sampled Due to Access	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND		ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND		ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND		ND	ND
Cis-1,2-dichloroethene	620	70	ND	1.2	ND	ND	ND	ND	ND		ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND		ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND		ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND		ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	8,000*	2	ND	1.5	ND	ND	ND	ND	ND	ND	ND	
Metals - Natural Attenuation Parameters												
Iron	NA	NA	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	2.87	1.45	5.52	1.92	1.89	0.75		4.60	0.28	0.28
Eh (mV)	NA	NA	-112.0	-90.0	21.6	-113.5	-74.7	-88.2		-112.9	-64.0	-64.0
Conductivity (uS/cm)	NA	NA	623	516	655	413	599	375		533	570	570
pH	NA	NA	7.23	7.07	7.11	7.12	7.12	10.23		7.35	7.37	7.37
Temperature (C)	NA	NA	14.70	16.50	8.35	14.57	8.23	14.80		14.42	11.75	11.75

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
FORMER WHITE CONSOLIDATED INDUSTRIES BELDING SITE

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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW10	MW10	MW10	MW10	MW10	MW10	MW10	MW10	MW10
			11-16 4/30/01	11-16 10/10/02	11-16 2/25/03	11-16 7/14/04	11-16 4/28/05	11-16 10/26/06	11-16 2/28/07	11-16 7/16/08	11-16 05/07/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	1.7	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	1,700	1,900	1,600	1,900	2,200	1,600	3,200	1,900	2,500
Manganese	NA	NA	410	500	610	560	430	410	440	530	570
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	410	470	510	430	420	1,000	480	420	400,000
Chloride	NA	NA	99,000	200,000	150,000	300,000	150,000	210,000	300,000	390,000	380,000
Nitrogen, Ammonia	NA	NA	980	760	980	1,100	890	670	790	1,100	690
Nitrate plus Nitrite	NA	NA	ND	ND	24	ND	ND	200	ND	ND	ND
Nitrogen, Kjeldahl	NA	NA	980	870	1,200	1,100	560	900	900	3,400	900
Sulfate	NA	NA	3,000	1,000	ND	17,000	1,900	1,300	4,500	2,000	10,000
Total Organic Carbon	NA	NA	3,900	86,000	8,200	5,800	3,800	3,300	3,500	4,200	5,000
Dissolved Oxygen (mg/l)	NA	NA	0.86	1.73	10.04	2.07	2.10	0.32	1.26	3.10	0.53
Eh (mV)	NA	NA	-76.0	-81.0	-48.3	-95.5	-89.4	-79.8	-82.9	-63.1	-42.0
Conductivity (uS/cm)	NA	NA	998	1,212	1,350	886	1,281	1,566	1,442	1,713	1,948
pH	NA	NA	7.07	6.97	6.83	7.02	7.05	8.11	8.33	7.06	7.01
Temperature (C)	NA	NA	11.90	15.50	9.04	14.15	9.43	13.23	9.08	13.91	14.29

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
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Constituent	Part 201, January 23, 2006 Generic Cleanup Criteria		Sample Location, Screen Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	MW11 10-15 4/30/01	MW11 10-15 10/10/02	MW11 10-15 2/25/03	MW11 10-15 7/14/04	MW11 10-15 4/28/05	MW11 10-15 10/26/06	MW11 10-15 2/28/07	MW11 10-15 7/16/08	MW11 10-15 05/07/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	20,000	17,000	1,900	23,000	26,000	26,000	22,000	25,000	29,000
Manganese	NA	NA	2,300	2,500	3,500	3,100	2,800	3,200	2,800	3,200	3,200
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	680	770	620	780	650	3,600	670	670	740,000
Chloride	NA	NA	310,000	250,000	260,000	260,000	260,000	330,000	470,000	310,000	330,000
Nitrogen, Ammonia	NA	NA	10,000	8,200	9,700	26,000	22,000	18,000	11,000	13,000	21,000
Nitrate plus Nitrite	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrogen, Kjeldahl	NA	NA	12,000	9,500	8,900	22,000	21,000	18,000	13,000	15,000	19,000
Sulfate	NA	NA	4,000	ND	ND	1,000	ND	ND	ND	ND	ND
Total Organic Carbon	NA	NA	10,000	140,000	20,000	13,000	11,000	11,000	9,500	9,500	9,300
Dissolved Oxygen (mg/l)	NA	NA	1.54	1.00	8.03	2.10	1.39	0.45	1.41	2.20	0.39
Eh (mV)	NA	NA	-88.0	-86.0	-72.0	-120.7	-98.0	-112.6	-90.3	-74.2	-84.0
Conductivity (uS/cm)	NA	NA	2,030	1,646	1,907	1152	2,067	2,295	2,112	1,918	2,405
pH	NA	NA	6.33	6.68	6.63	6.81	6.59	7.73	8.68	6.70	6.73
Temperature (C)	NA	NA	11.20	18.70	9.52	16.78	9.42	13.32	6.25	16.80	11.32

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
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Constituent	Part 201, December 10, 2004 Generic Cleanup Criteria		Sample Location, Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II, III & IV Drinking Water Criteria	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1
			0.5 4/30/01	0.5 10/10/02	0.5 2/24/03	0.5 7/14/04	0.5 4/28/05	0.5 10/25/06	0.5 2/27/07	0.5 7/16/08	0.5 05/06/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	1.6	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	180
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	27,000
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	880
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	700
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	33,000
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	5,300
Dissolved Oxygen (mg/l)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Eh (mV)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Conductivity (uS/cm)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
pH	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature (C)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
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Constituent	Part 201, December 10, 2004 Generic Cleanup Criteria		Sample Location, Depth (ft), and Date Collected								
	Groundwater Surface Water Interface Criteria	Industrial & Commercial III & IV Drinking Water Criteria	SW2 0.5 4/30/01	SW2 0.5 10/10/02	SW2 0.5 2/25/03	SW2 0.5 7/14/04	SW2 0.5 4/28/05	SW2 0.5 10/25/06	SW2 0.5 2/27/07	SW2 0.5 7/16/08	SW2 0.5 05/06/09
VOCs											
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1D	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	1D	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	5	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters											
Iron	NA	NA	ND	ND	190	ND	ND	ND	ND	ND	ND
Manganese	NA	NA	26	26	40	25	ND	24	23	ND	ND
General Chemistry - Natural Attenuation Parameters											
Alkalinity (total)***	NA	NA	200	200	220	180	190	190	210	210	180,000
Chloride	NA	NA	19,000	21,000	22,000	18,000	18,000	20,000	24,000	28,000	15,000
Nitrogen, Ammonia	NA	NA	53	ND	150	880	1,300	29	73	58	36
Nitrate plus Nitrite	NA	NA	ND	840	1,731	790	1,100	766	1,500	880	440
Nitrogen, Kjeldahl	NA	NA	680	760	570	900	470	1,000	700	700	800
Sulfate	NA	NA	24,000	28,000	33,000	24,000	23,000	23,000	24,000	29,000	14,000
Total Organic Carbon	NA	NA	6,600	34,000	6,900	9,100	7,300	8,800	5,000	4,900	8,500
Dissolved Oxygen (mg/l)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Eh (mV)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Conductivity (uS/cm)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
pH	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature (C)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
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Constituent	Part 201, December 10, 2004 Generic Cleanup Criteria		Sample Description and Date Collected									
	Groundwater Surface Water Interface Criteria	Industrial & Commercial II III & IV Drinking Water Criteria	Field Blank 4/28/05	Equipment Blank 4/28/05	Trip Blank 10/25/06	Trip Blank 2/27/07	Trip Blank 2/28/07	Trip Blank 7/16/08	Equipment Blank 7/15/08	Field Blank 05/06/09	Equipment Blank 1 05/06/09	Trip Blank 05/06/09
VOCs												
Benzene	200	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	140	790	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	2,200	38,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ID	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ID	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	740	2,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	65	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene	620	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1,500	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	45	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	330	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	4,200*	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	8,000*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals - Natural Attenuation Parameters												
Iron	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Manganese	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
General Chemistry - Natural Attenuation Parameters												
Alkalinity (total)***	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloride	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Ammonia	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrate plus Nitrite	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nitrogen, Kjeldahl	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Sulfate	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (mg/l)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Eh (mV)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Conductivity (uS/cm)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
pH	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature (C)	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED CONSTITUENTS
VOLATILE ORGANIC COMPOUNDS, METALS, AND GENERAL CHEMISTRY
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NOTES:

1. Analytical results compared to applicable Part 201 January 23, 2006 Generic Cleanup Criteria.
2. Concentrations reported in parts per billion (ppb) or micrograms per liter (ug/L).
3. Shading indicates which cleanup criteria are exceeded and the corresponding analytical result.
4. *Criteria from the mixing zone-based GSI value presented in the October 27, 1998, RAP
6. MWX** = Duplicate sample collected from MW4S.
5. Alkalinity (total)*** = Units are expressed in mg CaCO₃/L.
7. ND = Analytical result was less than the laboratory method detection limit.
8. NA = Criterion or value not available.
9. ID = Inadequate data to develop criterion.
10. NS = Not sampled for analysis.

APPENDIX A
FIELD DATA SHEETS

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE57125

Date: 5-6-05 **Persons Sampling:** C.G. **Weather Conditions:** Sunny 60's

Monitoring Well: MW1 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15

Time of Down-hole Measurements: 13:42

Initial Depth to Water (*feet): 2.74 **Measured Depth to Product (*feet):** NA

Depth to Bottom of Well (*feet): 11.79 **Product Thickness (feet):** NA

One Casing Volume (gallon): 1.4773 = 4.42 **Product Volume (gallon):** NA

Approximate Volume of Water in Sand Pack: _____ **Approximate Inlet Depth (*feet):** 9.79

Duplicate Sample: N (Dup 1, Dup 2, etc.) **MS/ MSD Sample (Y/N):** N

Sample Time (on jar): 14:25

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** none **Lock Replaced Y/N:** Y

Sheen: none **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y

Siltiness: Some Sed **Volume GW purged:** 1.25 **Time Sampling Completed:** 14:30

Notes:

Purge/Drawdown
Time Purging Began 13:45

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
~100	13:49	2.79	0.05	Y
~100	13:53	2.79	0.05	Y
~100	13:57	2.80	0.06	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE57125

Date: 5-6-09 **Persons Sampling:** CG **Weather Conditions:** Sunny 60's

Monitoring Well: MW2 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15

Time of Down-hole Measurements: 11:06

Initial Depth to Water (*feet): 5.45 **Measured Depth to Product (*feet):** NA

Depth to Bottom of Well (*feet): 15.43 **Product Thickness (feet):** NA

One Casing Volume (gallon): 1.6243 = 4.88 **Product Volume (gallon):** NA

Approximate Volume of Water in Sand Pack: _____ **Approximate Inlet Depth (*feet):** 13.43

Duplicate Sample: N (Dup 1, Dup 2, etc.) **MS/ MSD Sample (Y/N):** A

Sample Time (on jar): 12:00

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
½" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons
Water Color: <u>Clear</u>	Odors: <u>None</u>	Lock Replaced Y/N: <u>Y</u>
Sheen: <u>None</u>	Well Purged Dry Y/N: <u>N</u>	Well Cap Replaced Y/N: <u>Y</u>
Siltiness: <u>Some silt</u>	Volume GW purged: <u>1.25</u>	Time Sampling Completed: <u>12:05</u>
Notes: _____		

Purge/Drawdown
Time Purging Began 11:14

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
~100	11:17	5.51	0.06	Y
~100	11:20	5.51	0.06	Y
~100	11:26	5.51	0.06	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE 57125

Date: 5-6-09 **Persons Sampling:** C.G. **Weather Conditions:** Sunny 60's

Monitoring Well: MW 3 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15
Time of Down-hole Measurements: 12:30
Initial Depth to Water (*feet): 5.34
Depth to Bottom of Well (*feet): 14.46
One Casing Volume (gallon): 1.48 * 3 = 4.45
Approximate Volume of Water in Sand Pack: _____
Duplicate Sample: N (Dup 1, Dup 2, etc.)
Sample Time (on jar): 13:30
Measured Depth to Product (*feet): NA
Product Thickness (feet): NA
Product Volume (gallon): NA
Approximate Inlet Depth (*feet): 12.46
MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: clear **Odors:** none **Lock Replaced Y/N:** Y
Sheen: none **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: some sed **Volume GW purged:** 1.25 **Time Sampling Completed:** 13:35
Notes: _____

Purge/Drawdown
Time Purging Began 12:39

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	< 0.3 Feet (Y/N)
2100	12:44	5.37	0.03	Y
2100	12:47	5.37	0.03	Y
2100	12:51	5.37	0.03	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE57125

Date: 5-7-09 **Persons Sampling:** 2/6 **Weather Conditions:** Sunny 60's

Monitoring Well: MW48 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15 5-6-09
Time of Down-hole Measurements: 7:14
Initial Depth to Water (*feet): 6.73
Depth to Bottom of Well (*feet): 17.08
One Casing Volume (gallon): 1.67 x 3 = 5.03
Approximate Volume of Water in Sand Pack: _____
Duplicate Sample: N (Dup 1, Dup 2, etc.)
Sample Time (on jar): 8:20
Measured Depth to Product (*feet): NA
Product Thickness (feet): NA
Product Volume (gallon): NA
Approximate Inlet Depth (*feet): 15.08
MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** None **Lock Replaced Y/N:** Y
Sheen: none **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: some sed **Volume GW purged:** 1.25 Gallon **Time Sampling Completed:** 8:25
Notes: _____

Purge/Drawdown
Time Purging Began 7:38

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	< 0.3 Feet (Y/N)
~100	7:45	6.82	0.04	Y
~100	7:50	6.82	0.04	Y
~100	7:55	6.82	0.04	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Behring Co. **SME PROJECT NO:** LEST125

Date: 5-6-09 **Persons Sampling:** C.G. **Weather Conditions:** Sunny 60's

Monitoring Well: MW40 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15
Time of Down-hole Measurements: 14:35
Initial Depth to Water (*feet): 4.01
Depth to Bottom of Well (*feet): 24.86
One Casing Volume (gallon): 3.35 x 3 = 10.19
Approximate Volume of Water in Sand Pack: _____
Duplicate Sample: N (Dup 1, Dup 2, etc.)
Sample Time (on jar): 15:30

Measured Depth to Product (*feet): NA
Product Thickness (feet): NA
Product Volume (gallon): NA
Approximate Inlet Depth (*feet): 22.86
MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft.		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** None **Lock Replaced Y/N:** Y
Sheen: None **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: Some sed. **Volume GW purged:** 1.25 **Time Sampling Completed:** 15:30
Notes: _____

Purge/Drawdown
Time Purging Began 14:36

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
~100	14:40	4.60	0.59	N
~100	14:44	5.31	1.3	N
~100	14:49	5.94	1.93	N

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE57125

Date: 5-7-09 **Persons Sampling:** CB **Weather Conditions:** Sunny 60's

Monitoring Well: MW5 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15 on 5-6-09

Time of Down-hole Measurements: 8:35

Initial Depth to Water (*feet): 3.55

Depth to Bottom of Well (*feet): 5.97

One Casing Volume (gallon): .057 x 3 = 1.18

Approximate Volume of Water in Sand Pack: _____

Duplicate Sample: N (Dup 1, Dup 2, etc.)

Sample Time (on jar): 9:25

* = Down-hole measurements from Top-of-Casing (TOC)

Measured Depth to Product (*feet): NA

Product Thickness (feet): NA

Product Volume (gallon): NA

Approximate Inlet Depth (*feet): 3.97

MS/ MSD Sample (Y/N): N

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** None **Lock Replaced Y/N:** Y

Sheen: none **Well Purged Dry Y/N:** Y **Well Cap Replaced Y/N:** Y

Siltiness: some sed **Volume GW purged:** 1.20 Gallons **Time Sampling Completed:** 9:42

Notes: No Troll Data because well was out of dry at 9:00. Well was left to recharge then 3 well volumes purged and samples were collected.

Purge/Drawdown
Time Purging Began 8:45

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
2100	8:49	4.30	0.75	N
2100	8:51	4.80	1.25	N
2100	8:55	5.13	1.58	N

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/min to 500 ml/min.

**MONITORING WELL FIELD REPORT
 FOR LOW FLOW SAMPLING TECHNIQUES
 SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. SME PROJECT NO: L257125

Date: 5/7/07 Persons Sampling: JPB Weather Conditions: 50°

Monitoring Well: MW-6 Top of Casing Elevation: -
 Groundwater (GW) Elevation: -

Time Well Was Opened: 5/6/07 - 8:20
 Time of Down-hole Measurements: 5/6/07: 8:45
 Initial Depth to Water (*feet): 4.63
 Depth to Bottom of Well (*feet): 10.0
 One Casing Volume (gallon): .87
 Approximate Volume of Water in Sand Pack: -
 Duplicate Sample: - (Dup 1, Dup 2, etc.)
 Sample Time (on jar): 8:15

Measured Depth to Product (*feet): NA
 Product Thickness (feet): -
 Product Volume (gallon): -
 Approximate Inlet Depth (*feet): 8.5
 MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
¾" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft.		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear Odors: N Lock Replaced Y/N: Y
 Sheen: N Well Purged Dry Y/N: N Well Cap Replaced Y/N: Y
 Siltiness: N Volume GW purged: 1.0 Time Sampling Completed: 8:20
 Notes: _____

Purge/Drawdown
 Time Purging Began ~~7:25~~ 7:25

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	< 0.3 Feet (Y/N)
150	7:50	4.96	.27	N
	7:55	4.96	.27	N

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Beldy Co. **SME PROJECT NO:** LES7125

Date: 5/7/09 **Persons Sampling:** JPB **Weather Conditions:** SS^o overcast

Monitoring Well: MW-7 **Top of Casing Elevation:** -
Groundwater (GW) Elevation: -

Time Well Was Opened: 5/6/09 8:40
Time of Down-hole Measurements: 5/7/09 8:50
Initial Depth to Water (*feet): 4.33
Depth to Bottom of Well (*feet): 10
One Casing Volume (gallon): 0.73
Approximate Volume of Water in Sand Pack: -
Duplicate Sample: - (Dup 1, Dup 2, etc.)
Sample Time (on jar): 9:15

Measured Depth to Product (*feet): NA
Product Thickness (feet): ↓
Product Volume (gallon): ↓
Approximate Inlet Depth (*feet): 8.5
MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
3/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft.		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** N **Lock Replaced Y/N:** Y
Sheen: N **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: N **Volume GW purged:** 1.0 gal **Time Sampling Completed:** 9:20
Notes: _____

Purge/Drawdown
Time Purging Began 8:35

Rate/Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	< 0.3 Feet (Y/N)
<u>200 ml/min</u>	<u>8:37</u>	<u>4.70</u>	<u>.37</u>	<u>Y</u>
<u>150 ml/min</u>	<u>8:42</u>	<u>4.71</u>	<u>.38</u>	
	<u>8:50</u>	<u>4.70</u>	<u>-</u>	<u>-</u>

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
 FOR LOW FLOW SAMPLING TECHNIQUES
 SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Farmer Belding Co. **SME PROJECT NO:** LE57125

Date: 5-6-09 **Persons Sampling:** C.G. **Weather Conditions:** Sunny 60's

Monitoring Well: MWB **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15
Time of Down-hole Measurements: 10:15
Initial Depth to Water (*feet): 4.10
Depth to Bottom of Well (*feet): 13.69
One Casing Volume (gallon): 1.56 x 3 = 4.68
Approximate Volume of Water in Sand Pack: _____
Duplicate Sample: N (Dup 1, Dup 2, etc.)
Sample Time (on jar): 11:00
 * = Down-hole measurements from Top-of-Casing (TOC)

Measured Depth to Product (*feet): NA
Product Thickness (feet): NA
Product Volume (gallon): NA
Approximate Inlet Depth (*feet): 11.69
MS/MSD Sample (Y/N): N

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft.		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** none **Lock Replaced Y/N:** Y
Sheen: none **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: some silt **Volume GW purged:** 100 **Time Sampling Completed:** 11:05
Notes: _____

Purge/Drawdown
Time Purging Began 10:20

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
~100	10:23	4.11	0.01	Y
~100	10:27	4.12	0.02	Y
~100	10:31	4.12	0.02	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

* Equipment and Field Blanks collected at this well.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Farmer Belding Co. **SME PROJECT NO:** LE57125

Date: 5-6-09 **Persons Sampling:** T.G. **Weather Conditions:** Sunny 60's

Monitoring Well: MW-7 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15

Time of Down-hole Measurements: 9:35

Initial Depth to Water (*feet): 7.45

Depth to Bottom of Well (*feet): 19.98

One Casing Volume (gallon): 1.87 x 3 = 5.63

Approximate Volume of Water in Sand Pack: _____

Duplicate Sample: Duplicate 1 (Dup 1, Dup 2, etc.)

Sample Time (on jar): 10:00

* = Down-hole measurements from Top-of-Casing (TOC)

Measured Depth to Product (*feet): NA

Product Thickness (feet): NA

Product Volume (gallon): NA

Approximate Inlet Depth (*feet): 16.98

MS/MSD Sample (Y/N): N

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft.		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons
Water Color: <u>Clear</u>	Odors: <u>None</u>	Lock Replaced Y/N: <u>Y</u>
Sheen: <u>none</u>	Well Purged Dry Y/N: <u>N</u>	Well Cap Replaced Y/N: <u>Y</u>
Siltiness: <u>sandy sed</u>	Volume GW purged: <u>1.75</u>	Time Sampling Completed: <u>10:05</u>
Notes: _____		

Purge/Drawdown
Time Purging Began 8:58

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
2100	9:02	8.14	0.69	N
2100	9:08	9.06	1.61	N
2100	9:12	9.41	1.96	N

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Building Co. **SME PROJECT NO:** LE57125

Date: 5-7-09 **Persons Sampling:** 2.0. **Weather Conditions:** Sunny 60's

Monitoring Well: MW10 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15 on 5-6-09
Time of Down-hole Measurements: 11:00
Initial Depth to Water (*feet): 8.91
Depth to Bottom of Well (*feet): 18.93
One Casing Volume (gallon): 1.65 x 3 = 4.89
Approximate Volume of Water in Sand Pack: _____
Duplicate Sample: N (Dup 1, Dup 2, etc.)
Sample Time (on jar): 12:00
Measured Depth to Product (*feet): NA
Product Thickness (feet): NA
Product Volume (gallon): NA
Approximate Inlet Depth (*feet): 16.93
MS/ MSD Sample (Y/N): N

* = Down-hole measurements from Top-of-Casing (TOC)

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** N **Lock Replaced Y/N:** Y
Sheen: none **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y
Siltiness: some silt **Volume GW purged:** 4.89 **Time Sampling Completed:** 12:10
Notes: Equipment failure, Tool stopped working so pulled 4.89 Gallons and then collected samples.

Purge/Drawdown
Time Purging Began 11:10

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	<0.3 Feet (Y/N)
~100	11:15	8.91	0	Y
~100	11:19	8.91	0	Y
~100	11:24	9.02	0.11	Y

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/min to 500 ml/min.

**MONITORING WELL FIELD REPORT
FOR LOW FLOW SAMPLING TECHNIQUES
SOIL AND MATERIALS ENGINEERS, INC.**

PROJECT NAME: Former Belding Co. **SME PROJECT NO:** LE57185

Date: 5-7-09 **Persons Sampling:** CG **Weather Conditions:** Sunny 60's

Monitoring Well: MW11 **Top of Casing Elevation:** NA
Groundwater (GW) Elevation: NA

Time Well Was Opened: 8:15 am 5-6-09

Time of Down-hole Measurements: 9:50

Initial Depth to Water (*feet): 8.99

Depth to Bottom of Well (*feet): 18.14

One Casing Volume (gallon): 1.49 x 3 = 4.47

Approximate Volume of Water in Sand Pack: _____

Duplicate Sample: N (Dup 1, Dup 2, etc.)

Sample Time (on jar): 10:40

* = Down-hole measurements from Top-of-Casing (TOC)

Measured Depth to Product (*feet): NA

Product Thickness (feet): NA

Product Volume (gallon): NA

Approximate Inlet Depth (*feet): 16.14

MS/ MSD Sample (Y/N): N

WELL VOLUME CALCULATION		Key
1/4" well: (TWD-DTW) * 0.023 = 1 casing volume in gallons		Total well depth (feet) = TWD
2" well: (TWD-DTW) * 0.163 = 1 casing volume in gallons		Depth to water (feet) = DTW
4" well: (TWD-DTW) * 0.653 = 1 casing volume in gallons		
GROUNDWATER VOLUME IN SAND PACK CALCULATION : 2 INCH WELL		Key
(Auger Area - Well Area) * HWC * Porosity = Volume in Cubic Feet (Cu Ft)		Borehole Diameter = 0.75 feet
(0.33 Sq. Ft.) * HWC * 0.30 = Annular Space in Cu Ft		Porosity = 0.30
For partially penetrating wells : HWC = Height of water column in ft. from water table to the bottom of well.		Height of Water Column = HWC
For other : HWC = Height of water column in ft. from the top of the sand pack to the bottom of the well.		CuFt * 7.48 = Gallons

Water Color: Clear **Odors:** None **Lock Replaced Y/N:** Y

Sheen: Yes **Well Purged Dry Y/N:** N **Well Cap Replaced Y/N:** Y

Siltiness: Some Sld **Volume GW purged:** 1.00 **Time Sampling Completed:** 10:58

Notes: _____

Purge/Drawdown
Time Purging Began 9:54

Rate/ Adjusted Rate (ml/min)	Time Drawdown Measured	Depth to GW from TOC (feet)	Drawdown (feet)	< 0.3 Feet (Y/N)
2100	9:58	9.44	0.45	N
2100	10:04	9.46	0.47	N
2100	10:15	9.44	0.45	N

Target Pumping Rates for Low Flow Sampling: generally, 100 ml/ min to 500 ml/min.

APPENDIX B

**LABORATORY DATA SHEETS AND
CHAIN-OF-CUSTODY DOCUMENTATION**

May 18, 2009

Case Narrative

Customer: SME

Project Identification: Former Belding Co./LE57125

Fibertec Project Number: 34014

Sample Collection/ Receipt

The following samples were collected on May 6, 2009 and received by Fibertec on May 8, 2009.

10 Waters

All samples were received on ice and in good condition.

Analysis

Analyses were conducted in accordance with chain of custody and within hold times.

Volatiles

All samples had estimated results for dichlorodifluoromethane, compound failed low on LCS.

All applicable quality assurance / quality control parameters were within acceptance limits unless otherwise noted.

The following were reported with elevated reporting limits

<u>Laboratory Number</u>	<u>Client ID</u>	<u>Analysis</u>	<u>Reason for elevated RL</u>
34014-002	SW-2	Alkalinity	Sample Matrix


Authorized Signature


Date

Monday, May 18, 2009

RECEIVED

JUN 30 2009

SME LANSING

Fibertec Project Number: 34014
Project Identification: Former Belding Co./LE57125
Submittal Date: 5/8/2009

Mr. J.P. Buckingham
Soil and Materials Engineers, Inc. - Lansing
2663 Eaton Rapids Road
Lansing, MI 48911

Dear Mr. Buckingham,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed by NELAC compliant methodologies and the results compiled in the attached report. Any exceptions to compliance are noted in the report. These results apply only to those samples submitted.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345. Please note samples will be disposed of 30 days after reporting date.

Sincerely,



Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-1
Project Number:	LES7125	Client Sample Number:	1
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1-Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-1
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-1
Project Number:	LES7125	Client Sample Number:	1
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausling	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-1
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value U: The analyte was not detected at or above the reporting limit.	X: Matrix interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
-----------------------------	--	---	--

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LES7125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
vinyl Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (SM 5310 B.)								
Total Organic Carbon	8500	µg/L	1000	1	WB09E11B	5/11/2009	5/12/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002B

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	180000	µg CaCO ₃ /L	40	2	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO ₃ /L	20	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO ₃ /L	20	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056) (LCS and CCV failed high for nitrate)								
Chloride	15000	µg/L	10000	1	WA09E08A	5/8/2009	5/8/2009	CML
Nitrate-N	440	µg/L	23	1	WA09E08A	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08A	5/8/2009	5/8/2009	CML
Sulfate	14000	µg/L	1000	1	WA09E08A	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/MS, Total (EPA 0200.2/EPA 0200.8)								
Manganese	U	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	U	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.)								
Ammonia-N	36	µg/L	20	1	WJ09E18A	NA	5/18/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Surface Water
Fibertec Project Number:	34014	Sample Number:	34014-002E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	SW-2
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	800	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 9
Project Number:	LES7125	Client Sample Number:	3
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:
 A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 9
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Isopropylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 9
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Phenyl Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 9
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 8
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34014** Sample Number: **34014-004**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW 8**
Project Number: **LE57125** Client Sample Number: **4**
Sample Date: **5/6/2009** Chain of Custody Number: **89491**

Comments:

Definitions/Qualifiers:
 A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	2.6	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	1.1	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 8
Project Number:	LES7125	Client Sample Number:	4
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Vinyl Chloride	26	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 8
Project Number:	LES7125	Client Sample Number:	4
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
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Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)

Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS
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Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 2
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 2
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	1.3	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 2
Project Number:	LES7125	Client Sample Number:	5
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/
Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Chloride	9.9	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 2
Project Number:	LES7125	Client Sample Number:	5
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 3
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloroethane	66	µg/L	5.0	1	V909E11A	5/11/2009	5/11/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 3
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 3
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution	J: The concentration is an estimated value	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 3
Project Number:	LES7125	Client Sample Number:	6
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
	B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis
	E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-007

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 1
Project Number:	LES7125	Client Sample Number:	7
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-007

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 1
Project Number:	LE57125	Client Sample Number:	7
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
cis-1,2-Dichloroethene	3.7	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Isopropylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	BAG

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-007

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 1
Project Number:	LES7125	Client Sample Number:	7
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	BAG
Benzyl Chloride	96	µg/L	1.0	1	V909E11A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-007

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 1
Project Number:	LE57125	Client Sample Number:	7
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	BAG

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34014** Sample Number: **34014-008**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **FIELD BLANK 1**
Project Number: **LE57125** Client Sample Number: **8**
Sample Date: **5/6/2009** Chain of Custody Number: **89491**

Comments:

Definitions/Qualifiers:
A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-008

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	FIELD BLANK 1
Project Number:	LES7125	Client Sample Number:	8
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
4-Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-008

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	FIELD BLANK 1
Project Number:	LE57125	Client Sample Number:	8
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-008

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	FIELD BLANK 1
Project Number:	LE57125	Client Sample Number:	8
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
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Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)

Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS
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Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34014** Sample Number: **34014-009**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **EQUIPMENT BLANK 1**
Project Number: **LE57125** Client Sample Number: **9**
Sample Date: **5/6/2009** Chain of Custody Number: **89491**

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34014** Sample Number: **34014-009**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **EQUIPMENT BLANK 1**
Project Number: **LE57125** Client Sample Number: **9**
Sample Date: **5/6/2009** Chain of Custody Number: **89491**

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-009

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	EQUIPMENT BLANK 1
Project Number:	LE57125	Client Sample Number:	9
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-009

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	EQUIPMENT BLANK 1
Project Number:	LE57125	Client Sample Number:	9
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-010

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	DUPLICATE
Project Number:	LE57125	Client Sample Number:	10
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-010

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	DUPLICATE
Project Number:	LE57125	Client Sample Number:	10
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-010

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	DUPLICATE
Project Number:	LE57125	Client Sample Number:	10
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits.
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Vinyl Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-010

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	DUPLICATE
Project Number:	LE57125	Client Sample Number:	10
Sample Date:	5/6/2009	Chain of Custody Number:	89491

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-011

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 4D
Project Number:	LE57125	Client Sample Number:	11
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-011

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 4D
Project Number:	LE57125	Client Sample Number:	11
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-011

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW 4D
Project Number:	LE57125	Client Sample Number:	11
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Vinyl Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34014** Sample Number: **34014-011**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW 4D**
Project Number: **LE57125** Client Sample Number: **11**
Sample Date: **5/6/2009** Chain of Custody Number: **89492**

Comments:

Definitions/Qualifiers:
 A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	I	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-012

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	TRIP BLANK
Project Number:	LE57125	Client Sample Number:	12
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Acrylonitrile	U	µg/L	2.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Benzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromodichloromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromoform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Butanone	U	µg/L	25	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
sec-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
tert-Butylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Disulfide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Carbon Tetrachloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloroform	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Chlorotoluene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Bromochloromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-012

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	TRIP BLANK
Project Number:	LE57125	Client Sample Number:	12
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dibromomethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2-Dichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Ethylene Dibromide	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Hexanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl Iodide	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Propylbenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Methyl-2-pentanone	U	µg/L	50	1	V909E09A	5/9/2009	5/9/2009	JAS

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-012

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	TRIP BLANK
Project Number:	LE57125	Client Sample Number:	12
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
-----------------------------	--	---	---

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
2-Methylnaphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
MTBE	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Naphthalene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
n-Propylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Styrene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Tetrachloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Toluene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichloroethene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Trichlorofluoromethane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS
Vinyl Chloride	U	µg/L	1.0	1	V909E09A	5/9/2009	5/9/2009	JAS

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34014	Sample Number:	34014-012

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	TRIP BLANK
Project Number:	LE57125	Client Sample Number:	12
Sample Date:	5/6/2009	Chain of Custody Number:	89492

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
-------------------------	--	---	--

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dichlorodifluoromethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	V909E09A	5/9/2009	5/9/2009	JAS

QUALITY ASSURANCE REPORT
for
LABORATORY BATCH NUMBER

WP09E15A-ALK

WET CHEMISTRY

Sample Matrix :	WATER, TOTAL	Preparation Method :	EPA 310.2	Analytical Method :	EPA 310.2
Inclusive Projects :	34014, 34015	Preparation Date :	5/15/2009	Analysis Date :	5/15/2009
		Preparer(s) Initials :	HAW	Analyst(s) Initials :	HAW

Analyte	Laboratory Control Number	LOQ	Units	Reagent Blank		Laboratory Fortified Blank (LFB)					Matrix Duplicate / Matrix Spike (MD / MS)										Cal. Curve CC ² / %RSD							
				Conc. (mg/L)	Flag	Conc. Spiked (mg/L)	LFB Conc. (mg/L)	LFB Percent Recovery	LCL (%)	UCL (%)	Flag	Laboratory Sample ID	Sample Conc. (mg/L)	MD Conc. (mg/L)	MSD Conc. (mg/L)	Conc. Spiked (mg/L)	MS Percent Recovery	MS Percent Recovery	LCL (%)	UCL (%)		Flag	RPD (%)	UCL (%)	Flag			
Alkalinity	N/A	5.000	mg/L	U		50.000	56.900	114	75	125			NA	U	NA	NA	NA		NA	NA	NA	NA			0	20		0.9924

Codes/Flags :	U The analyte was not detected at or above the quantitation limit.	W Result is always reported as "wet weight".
E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.	DL The sample was diluted due to sample matrix, therefore QC was not recoverable	J The analyte was detected at a conc. below the quant. limit but above the method detection limit.
* The value is outside quality control limits	K Reported concentration is proportional to dilution factor and may be exaggerated.	B The analyte was detected in the associated method blank.
P When one or both sample results are <5 times the quantitation limit, the RPD cannot be properly evaluated.	LOQ Analytical limit of quantitation.	M Matrix interference has resulted in an elevated quantitation limit or distorted QC result.
		NC Not calculable.
		NA Not applicable.
		A If the sample result is >4 times the amount spiked, the MS recovery cannot be properly evaluated.

Comments :
**Correlation Coefficient squared must be greater than or equal to 0.9950.

Dorset Williams
Chemist/Date
6/26/09

M 6/26/09
Quality Assurance Officer/Date

QUALITY ASSURANCE REPORT
for
LABORATORY BATCH NUMBER

PT09E12C

METALS

Sample Matrix :	Aqueous	Preparation Method :	EPA 200.2/SW-846 6020	Analytical Method :	EPA 200.8/SW-846 6020
Inclusive Projects :	34014, 34015, 34039	Preparation Date :	5/12/2009	Analysis Date :	5/19/2009
		Preparer(s) Initials :	JLH	Analyst(s) Initials :	JLH

Analyte	LOQ	Units	Method Blank		Laboratory Control Sample (LCS)					MATRIX SPIKE / MATRIX SPIKE DUPLICATE (MS / MSD)															
			Conc. (µg/L)	Flag	Spiked Conc. (µg/L)	LCS Conc. (µg/L)	LCS Percent Recovery	LCL (%)	UCL (%)	Flag	Laboratory Sample ID	Sample Conc. (µg/L)	MD Conc. (µg/L)	Conc. Spiked (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS Percent Recovery	MSD Percent Recovery	LCL (%)	UCL (%)	Flag	RPD (%)	RPD (MS/MSD) (%)	UCL (%)	Flag
Aluminum	50	µg/L	U		500.0	577.1	115	85	115	34039-001	3999.6		500	1312	1423	A	A	70	130	*	NA	8.1	20	*	
Antimony	2.0	µg/L	U		100.0	101.3	101	85	115	34039-001	U		100	99	101	99	101	70	130		NA	2.0	20	*	
Arsenic	5.0	µg/L	U		100.0	105.8	106	85	115	34039-001	34.4		100	116	118	81	84	70	130		NA	2.2	20	*	
Barium	100	µg/L	U		500	530.5	106	85	115	34039-001	113.3		500	540	557	85	89	70	130		NA	3.2	20	*	
Beryllium	1.0	µg/L	U		100.0	110.4	110	85	115	34039-001	U		100	124	128	124	128	70	130		NA	3.1	20	*	
Boron	300	µg/L	U		200.0	219.7	110	85	115	34039-001	353.1		200	564	579	105	113	70	130		NA	2.7	20	*	
Cadmium	0.5	µg/L	U		100.0	106.2	106	85	115	34039-001	0.8		100	104	104	103	103	70	130		NA	0.3	20	*	
Calcium†	1000	µg/L	U		30000	29500.0	98	85	115																
Chromium	5.0	µg/L	U		200.0	224.5	112	85	115	34039-001	11.5		200.0	222	219	105	104	70	130		NA	1.2	20	*	
Cobalt	10	µg/L	U		100.0	109.8	110	85	115	34039-001	7.9		100	106	108	98	100	70	130		NA	1.1	20	*	
Copper	4.0	µg/L	U		200.0	216.3	108	85	115	34039-001	26.1		200	204	215	89	95	70	130		NA	5.3	20	*	
Iron†	100	µg/L	U		5000	4950.0	99	85	115	34014-002	U		10000	10900	10800	109	108	70	130		NA	0.9	20	*	
Lead	3.0	µg/L	U		200.0	216.4	108	85	115	34039-001	19.2		200	209	211	95	96	70	130		NA	1.1	20	*	
Lithium	10	µg/L	U		200.0	216.6	108	85	115	34039-001	17.6		200	262	263	122	123	70	130		NA	0.6	20	*	
Magnesium†	300	µg/L	U		10000	9550.0	96	85	115	34014-002	15500.0		20000	36500	36500	105	105	70	130		NA	0.0	20	*	
Manganese	20	µg/L	U		500	524.0	105	85	115	34039-001	1759.3		500	560	569	-240	-238	70	130	M	NA	1.5	20	*	
Nickel	20	µg/L	U		200.0	211.4	106	85	115	34039-001	29.8		200	213	210	92	90	70	130		NA	1.3	20	*	
Potassium†	1000	µg/L	U		10000	10100.0	101	85	115																
Selenium	5.0	µg/L	U		100.0	109.9	110	85	115	34039-001	1.7		100	112	109	111	107	70	130		NA	3.2	20	*	
Silver	0.20	µg/L	U		100.0	110.4	110	85	115	34039-001	U		100	103	105	103	105	70	130		NA	1.7	20	*	
Sodium†	1000	µg/L	U		30000	31400.0	105	85	115																
Thallium	2.0	µg/L	U		100.0	112.0	112	85	115	34039-001	U		100	106	107	106	107	70	130		NA	1.6	20	*	
Vanadium	4.0	µg/L	U		100.0	113.2	113	85	115	34039-001	23.1		100	115	119	92	95	70	130		NA	3.3	20	*	
Zinc	50	µg/L	U		500	525.3	105	85	115	34039-001	80.6		500	540	536	92	91	70	130		NA	0.8	20	*	

Codes/Flags :	U The analyte was not detected at or above the quantitation limit.	W Result is always reported as "wet weight".
E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.	J The analyte was detected at a conc. below the quant. limit but above the method detection limit.	B The analyte was detected in the associated method blank.
DL The sample was diluted due to sample matrix, therefore QC was not recoverable	M Matrix interference has resulted in an elevated quantitation limit or distorted QC result.	NC Not calculable.
* The value is outside quality control limits	NA Not applicable.	A If the sample result is >4 times the amount spiked, the MS recovery cannot be properly evaluated.
K Reported concentration is proportional to dilution factor and may be exaggerated.		
P When one or both sample results are <5 times the quantitation limit, the RPD cannot be properly evaluated.		
LOQ Analytical limit of quantitation.		

Comments :
†Minerals analyzed by Method 6010.

J. Harvey 5-28-09

Chemist/Date

241 5/28/09

Quality Assurance Officer/Date

Method Blank (MB)

Parameter	Result (mg/L)	PQL (mg/L)	Q
1. Ammonia-N	U	0.020	

Laboratory Control Sample (LCS)

Parameter	Result (mg/L)	Spike (mg/L)	Rec %	LCL - UCL %	Q
1. Ammonia-N	0.478	0.500	96	75 - 125	

Laboratory Control Sample Duplicate (LCD)

No LCD analyzed.

MB/LCS/LCD Exception Summary

Method Blank

No exceptions noted.

Laboratory Control Sample

No exceptions noted.

Laboratory Control Sample Duplicate

No LCD analyzed.

Parent Sample (NA)

No MS/MSD analyzed.

Matrix Spike (MS)

No MS/MSD analyzed.

Matrix Spike Duplicate (MSD)

No MS/MSD analyzed.

Matrix QC Exception Summary

Parent Sample

No MS/MSD analyzed.

Matrix Spike

No MS/MSD analyzed.

Matrix Spike Duplicate

No MS/MSD analyzed.

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.

U = Result below PQL

* = Recovery exceeds control limits.

Adrian M. Roy 5/27/09
Laboratory Approval/Date
2M 5/28/09
Quality Assurance Review/Date



Analytical Laboratory
 1914 Holloway Drive 8660 S. Mackinaw Trail
 Holt, MI 48842 Cadillac, MI 49601
 Phone: 517 699 0345 Phone: 231 775 8368
 Fax: 517 699 0388 Fax: 231 775 8584
 email: lab@fibertec.us

Industrial Hygiene Services, Inc.
 1914 Holloway Drive
 Holt, MI 48842
 Phone: 517 699 0345
 Fax: 517 699 0382
 email: asbestos@fibertec.us

Geoprobe
 11766 E. Grand River
 Brighton, MI 48116
 Phone: 810 220 3300
 Fax: 810 220 3311

Chain of Custody #
89491
 PAGE 1 of 2

Client Name: SMI				PARAMETERS										Turnaround		Matrix Code			
Contact Person: J.P. Buckingham				MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	VOES	Fe, Mn, Alkalinity	Ammonia	Nitrate/Nitrite	Chloride	TKN	Sulfate	TOC	24 hour RUSH (surcharge applies)		S	GW	Ground Water
Project Name/ Number: Former Beldin Co. CE57125															48 hour RUSH (surcharge applies)		W	SW	Surface Water
Purchase Order#															72 hour RUSH (surcharge applies)		A	WW	Waste Water
Purchase Order#				Standard (5-7 bus. days)		O	X	Other: Specify											
Other: Specify				P		Wipe													
Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor											Remarks:				
	5/6/09	9:25		SW-1	SW	7	Y	X											
		9:50		SW-2	SW	7	Y	X	X	X	X	X	X	X					
		10:00		MW9	GW	2	Y	X											
		11:00		MW8	GW	2	Y	X											
		12:00		MW2	GW	2	Y	X											
		13:30		MW3	GW	2	Y	X											
		14:25		MW1	GW	2	Y	X											
		-		Field Blank 1	DF	2	Y	X											
		-		Equipment Blank 1	DF	2	Y	X											
		-		Duplicate	DF	2	Y	X											
Comments:																			
Relinquished By: <i>[Signature]</i>					Date/ Time: 5/6/09 5:15			Received By: <i>[Signature]</i> Cold Storage					5/6/09 5:15						
Relinquished By: <i>[Signature]</i>					Date/ Time: 5/8 8:30			Received By: <i>[Signature]</i>											
Relinquished By: <i>[Signature]</i>					Date/ Time: 5/8 8:50			Received By Laboratory: <i>[Signature]</i>											
LAB USE ONLY:																			
Fibertec project number:																			
Laboratory Tracking:																			
Temperature at Receipt:																			

TERMS & CONDITIONS ON BACK

RCVD ON ICE
 COC Revision: April 2008



Analytical Laboratory
 1914 Holloway Drive Holt, MI 48842
 Phone: 517 699 0345 Fax: 517 699 0388
 email: lab@fibertec.us

Industrial Hygiene Services, Inc.
 1914 Holloway Drive Holt, MI 48842
 Phone: 517 699 0345 Fax: 517 699 0382
 email: asbestos@fibertec.us

Geoprobe
 11766 E. Grand River Brighton, MI 48116
 Phone: 810 220 3300 Fax: 810 220 3311

Chain of Custody #
89492
 PAGE 2 of 2

Client Name: SME					MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS						Turnaround		Matrix Code			
Contact Person: S.P. Buckingham								VOCs	Fe, Mn, Alkalinity	Ammonia	Nitrate/Nitrite	Chloride	TKN	Sulfate	TDC	<input type="checkbox"/> 24 hour RUSH (surcharge applies)	<input type="checkbox"/> Soil	<input type="checkbox"/> GW	Ground Water
Project Name/ Number: Former Belding Co. LE57125																<input type="checkbox"/> 48 hour RUSH (surcharge applies)	<input type="checkbox"/> W	<input type="checkbox"/> SW	Surface Water
Purchase Order#																<input type="checkbox"/> 72 hour RUSH (surcharge applies)	<input type="checkbox"/> A	<input type="checkbox"/> WW	Waste Water
Lab Sample #, Date, Time, Client Sample #, Client Sample Descriptor					<input checked="" type="checkbox"/> Standard (5-7 bus. days)	<input type="checkbox"/> C	<input type="checkbox"/> X	Other: Specify	<input type="checkbox"/> P	Wipe									
Remarks:																			
Comments:																			
Relinquished By: <i>[Signature]</i>					Date/Time: 5/6/09 9:15		Received By: <i>[Signature]</i> 5/6/09 9:15												
Relinquished By: <i>[Signature]</i>					Date/Time: 5/8 8:30		Received By: <i>[Signature]</i>												
Relinquished By: <i>[Signature]</i>					Date/Time: 5/8 8:50		Received By: <i>[Signature]</i>												
LAB USE ONLY: Fibertec project number: Laboratory Tracking: Temperature at Receipt:																			

TERMS & CONDITIONS ON BACK

RCVD ON

70

Revision: April, 2006

May 20, 2009

Case Narrative

Customer: SME
Project Identification: Former Belding Co./LE57125
Fibertec Project Number: 34015

Sample Collection/ Receipt

The following samples were collected on May 7th, 2009 and received by Fibertec on May 8th, 2009.
6 Waters

All samples were received on ice and in good condition.

Analysis

Analyses were conducted in accordance with chain of custody and within hold times.

VOC

Sample 34015-006(MW-10) Estimated result for Dibromomethane, compound failed low on LCS.

AMMONIA

All samples, the CCV failed high by 12%.

All applicable quality assurance / quality control parameters were within acceptance limits unless otherwise noted.

The following were reported with elevated reporting limits

<u>Laboratory Number</u>	<u>Client ID</u>	<u>Analysis</u>	<u>Reason for elevated RL</u>
34015-001	MW-6	VOC, Alkalinity, Anions,	Sample Matrix
34015-002	MW-4 S	VOC, Alkalinity	Sample Matrix
34015-003	MW-7	Alkalinity, Anions	Sample Matrix
34015-004	MW-5	Alkalinity, Anions	Sample Matrix
34015-005	MW-11	Alkalinity, Anions, Ammonia	Sample Matrix
34015-006	MW-10	Alkalinity, Anions	Sample Matrix



Authorized Signature



Wednesday, May 20, 2009

Fibertec Project Number: 34015
Project Identification: Former Belding Co./LE57125
Submittal Date: 5/8/2009

Mr. J.P. Buckingham
Soil and Materials Engineers, Inc. - Lansing
2663 Eaton Rapids Road
Lansing, MI 48911

Dear Mr. Buckingham,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed by NELAC compliant methodologies and the results compiled in the attached report. Any exceptions to compliance are noted in the report. These results apply only to those samples submitted.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345. Please note samples will be disposed of 30 days after reporting date.

Sincerely,



Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Acetone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Benzene	U	µg/L	1.0	1	VB09E09A	5/9/2009	5/9/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Butanone	U	µg/L	25	1	V909E10A	5/11/2009	5/11/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1-Chlorotoluene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dibromochloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,2-Dichloroethene	54	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Isopropylbenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Methylene Chloride	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E15A	5/15/2009	5/15/2009	BAG
MTBE	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E15A	5/15/2009	5/15/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Styrene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Tetrachloroethene	7.0	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Toluene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1-Trichloroethane	4.6	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Trichloroethene	960	µg/L	50	50	V909E10A	5/11/2009	5/11/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trimethylbenzene	1.1	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Phenyl Chloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
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Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)

Xylenes	3.1	µg/L	3.0	1	V909E10A	5/11/2009	5/11/2009	BAG
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Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	2100	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001B

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	110000	µg CaCO3/L	12000	2	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	U	µg/L	10000	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	5300	µg/L	230	10	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	32000	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-001C**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-6**
Project Number: **LE57125** Client Sample Number: **1**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	U	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	U	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-001D**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-6**
Project Number: **LES7125** Client Sample Number: **1**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/
Qualifiers:

A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N	U	µg/L	20	1	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-001E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-6
Project Number:	LE57125	Client Sample Number:	1
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	200	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Acetone	U	µg/L	50	1	VB09E12B	5/13/2009	5/13/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Benzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromobenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromoform	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromomethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
2-Butanone	U	µg/L	25	1	VB09E12B	5/13/2009	5/13/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Chloroethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Chloroform	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Chloromethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1-Chlorotoluene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
2-Chlorotoluene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Dibromomethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1-Dichloroethane	4.5	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1-Dichloroethene	12	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
cis-1,2-Dichloroethene	330	µg/L	10	10	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
2-Hexanone	U	µg/L	50	1	VB09E12B	5/13/2009	5/13/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Propylbenzene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	VB09E12B	5/13/2009	5/13/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Methylene Chloride	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
MTBE	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Naphthalene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Styrene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Toluene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Trichloroethene	3.5	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	VB09E12B	5/13/2009	5/13/2009	BAG
Chloride	380	µg/L	10	10	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Xylenes	U	µg/L	3.0	1	VB09E12B	5/13/2009	5/13/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	4400	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-002B**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-4 S**
Project Number: **LE57125** Client Sample Number: **2**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers:
 A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	220000	µg CaCO3/L	12000	2	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	78000	µg/L	10000	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	U	µg/L	23	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	17000	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	5600	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	750	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LES7125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
	B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	
	E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		W: Results reported on a wet-weight basis
			*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N	490	µg/L	20	1	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-002E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-4 S
Project Number:	LE57125	Client Sample Number:	2
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
	B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	
	E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		W: Results reported on a wet-weight basis.
			*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	600	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Acetone	U	µg/L	50	1	V909E10A	5/10/2009	5/10/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Benzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
2-Butanone	U	µg/L	25	1	V909E10A	5/10/2009	5/10/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Chlorotoluene	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E10A	5/10/2009	5/10/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Isopropylbenzene	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Ethyl-2-pentanone	U	µg/L	50	1	V909E10A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Methylene Chloride	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
MTBE	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Styrene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Toluene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
5-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG
yl Chloride	U	µg/L	1.0	1	V909E10A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Xylenes	U	µg/L	3.0	1	V909E10A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	1300	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003B

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LES7125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	21000	µg CaCO3/L	24000	4	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	11000	µg/L	10000	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	2100	µg/L	92	4	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	9000	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	160	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	U	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LE57125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N		U µg/L	20	1	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-003E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-7
Project Number:	LES7125	Client Sample Number:	3
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	200	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:

A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		W: Results reported on a wet-weight basis.
		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Acetone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Benzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Butanone	U	µg/L	25	1	V909E10A	5/11/2009	5/11/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chlorotoluene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-004**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-5**
Project Number: **LE57125** Client Sample Number: **4**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,2-Dichloroethene	1.0	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
propylbenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Methylene Chloride	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
MTBE	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Styrene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Toluene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1-Chloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Xylenes	U	µg/L	3.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	2100	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Laansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004B

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	160000	µg CaCO ₃ /L	24000	4	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO ₃ /L	6000	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO ₃ /L	6000	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	320000	µg/L	40000	4	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	U	µg/L	23	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	24000	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	2500	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	280	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N	820	µg/L	20	1	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-004E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-5
Project Number:	LE57125	Client Sample Number:	4
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	I: The concentration is an estimated value U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	900	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Acetone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Benzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromoform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Butanone	U	µg/L	25	1	V909E10A	5/11/2009	5/11/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloroform	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Chlorotoluene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Bromochloromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Hexanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Propylbenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Methylene Chloride	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
MTBE	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Styrene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Toluene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
5-Trimethylbenzene	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG
nyl Chloride	U	µg/L	1.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)								
Xylenes	U	µg/L	3.0	1	V909E10A	5/11/2009	5/11/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	9300	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005B

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	740000	µg CaCO3/L	60000	10	WP09E15A	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO3/L	6000	1	WP09E15A	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	330000	µg/L	40000	4	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	U	µg/L	23	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	U	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	29000	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	3200	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LES7125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution.	J: The concentration is an estimated value.	X: Matrix Interference has resulted in a raised reporting limit or distorted result.
	B: The analyte was detected in the associated method blank.	U: The analyte was not detected at or above the reporting limit.	W: Results reported on a wet-weight basis.
	E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.		*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N	21000	µg/L	2000	100	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-005E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-11
Project Number:	LE57125	Client Sample Number:	5
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	19000	µg/L	100	1	NA	NA	5/14/2009	ML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dibromomethane, compound failed low on LCS)								
Acetone	U	µg/L	50	1	VB09E09A	5/10/2009	5/10/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Benzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Bromobenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Bromoform	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Bromomethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
2-Butanone	U	µg/L	25	1	VB09E09A	5/10/2009	5/10/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Chloroethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Chloroform	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Chloromethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
2-Chlorotoluene	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1-Dibromochloromethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dibromomethane, compound failed low on LCS)								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Dibromomethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
cis-1,2-Dichloroethene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
2-Hexanone	U	µg/L	50	1	VB09E09A	5/10/2009	5/10/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Propylbenzene	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Methyl-2-pentanone	U	µg/L	50	1	VB09E09A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-006**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-10**
Project Number: **LE57125** Client Sample Number: **6**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers:
A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
*: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dibromomethane, compound failed low on LCS)								
Methylene Chloride	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
MTBE	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Naphthalene	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Styrene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Toluene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Trichloroethene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG
vinyl Chloride	U	µg/L	1.0	1	VB09E09A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-006**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-10**
Project Number: **LE57125** Client Sample Number: **6**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit. W: Results reported on a wet-weight basis.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B) (Estimated result for dibromomethane, compound failed low on LCS)								
Xylenes	U	µg/L	3.0	1	VB09E09A	5/10/2009	5/10/2009	BAG

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006A

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers: A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Carbon, Total Organic (TOC) (EPA 9060)								
Total Organic Carbon	5000	µg/L	1000	1	WB09E11A	5/11/2009	5/11/2009	HAW

Analytical Laboratory Report

Client Identification: **Soil and Materials Engineers, Inc. - Lansing** Sample Matrix: **Ground Water**
Fibertec Project Number: **34015** Sample Number: **34015-006B**

Client Sample Information

Project Identification: **Former Belding Co.** Client Sample Description: **MW-10**
Project Number: **LE57125** Client Sample Number: **6**
Sample Date: **5/7/2009** Chain of Custody Number: **84735**

Comments:

Definitions/Qualifiers:
 A: Spike recovery or precision unusable due to dilution. J: The concentration is an estimated value. X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 B: The analyte was detected in the associated method blank. U: The analyte was not detected at or above the reporting limit.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Alkalinity by Titrimetry (EPA 0310.2)								
Bicarbonate Alkalinity	400000	µg CaCO ₃ /L	60000	10	WP09E1SA	NA	5/15/2009	HAW
Carbonate Alkalinity	U	µg CaCO ₃ /L	6000	1	WP09E1SA	NA	5/15/2009	HAW
Hydroxide Alkalinity	U	µg CaCO ₃ /L	6000	1	WP09E1SA	NA	5/15/2009	HAW
Inorganic Anions by IC (EPA 9056)								
Chloride	380000	µg/L	50000	5	WA09E08B	5/8/2009	5/8/2009	CML
Nitrate-N	U	µg/L	23	1	WA09E08B	5/8/2009	5/8/2009	CML
Nitrite-N	U	µg/L	30	1	WA09E08B	5/8/2009	5/8/2009	CML
Sulfate	10000	µg/L	1000	1	WA09E08B	5/8/2009	5/8/2009	CML

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006C

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Trace Elements by ICP/AES, Total (EPA 3005A/EPA 6010B)								
Iron	2500	µg/L	100	1	PT09E12C	5/12/2009	5/14/2009	JLH
Trace Elements by ICP/MS, Total (EPA 3005A/EPA 6020)								
Manganese	570	µg/L	50	1	PT09E12C	5/12/2009	5/19/2009	MAP

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lausing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006D

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Ammonia (ISE) (SM 4500-NH3 D.) (CCV failed high by 12%)								
Ammonia-N	690	µg/L	20	1	WJ09E17A	NA	5/17/2009	HAW

Analytical Laboratory Report

Client Identification:	Soil and Materials Engineers, Inc. - Lansing	Sample Matrix:	Ground Water
Fibertec Project Number:	34015	Sample Number:	34015-006E

Client Sample Information

Project Identification:	Former Belding Co.	Client Sample Description:	MW-10
Project Number:	LE57125	Client Sample Number:	6
Sample Date:	5/7/2009	Chain of Custody Number:	84735

Comments:

Definitions/ Qualifiers:	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
Nitrogen, Kjeldahl (SM 4500-Norg B.) (Analyzed by Merit Laboratory)								
Total Kjeldahl Nitrogen	900	µg/L	100	1	NA	NA	5/14/2009	ML

QUALITY ASSURANCE REPORT
for
LABORATORY BATCH NUMBER

WA09E08b-IC

WET CHEMISTRY

Sample Matrix : Water, total Preparation Method : SW846 9056A/EPA 300.0 Analytical Method : SW846 9056A/EPA 300.0
Inclusive Projects : 34015, 34039 Preparation Date : 5/8/2009 Analysis Date : 5/8/2009
Preparer(s) Initials: CML Analyst(s) Initials : CML

Analyte	Laboratory Control Number	RL	Units	Reagent Blank		Laboratory Control Sample (LCS)						MATRIX DUPLICATE / MATRIX SPIKE / MATRIX SPIKE DUPLICATE (MD / MS / MSD)														
				Conc. (mg/L)	Flag	Conc. Spiked (mg/L)	LCS Conc. (mg/L)	Percent Recovery	LCL (%)	UCL (%)	Flag	Laboratory Sample ID	Sample Conc. (mg/L)	MD Conc. (mg/L)	Conc. Spiked (mg/L)	MS Conc. (mg/L)	MSD Conc. (mg/L)	MS Percent Recovery	MSD Percent Recovery	LCL (%)	UCL (%)	Flag	RPD %MSD	RPD %MSD	UCL (%)	Flag
Chloride	NA	10.0	mg/L	U		50	48.27	97	90	110		N/A	N/A	NA	NA	N/A	N/A	NA	NA	NA	NA		NA	NA	NA	
Nitrite	NA	10.0	mg/L	U		0.50	0.4906	98	90	110		N/A	N/A	NA	NA	N/A	N/A	NA	NA	NA	NA		NA	NA	NA	
Nitrate	NA	10.0	mg/L	U		0.50	0.5125	103	90	110		N/A	N/A	NA	NA	N/A	N/A	NA	NA	NA	NA		NA	NA	NA	
Sulfate	NA	1.0	mg/L	U		25	24.09	96	90	110		N/A	N/A	NA	NA	N/A	N/A	NA	NA	NA	NA		NA	NA	NA	

Codes/Flags :

- A If the sample result is >4 times the amount spiked, the MS recovery cannot be properly evaluated.
- B The analyte was detected in the associated method blank.
- E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.
- J The analyte was detected at a conc. below the quant. limit but above the method detection limit.
- U The analyte was not detected at or above the quantitation limit.
- W Result is always reported as "wet weight".
- X Matrix interference has resulted in an elevated quantitation limit or distorted QC result.
- * The value is outside quality control limits
- LOQ Analytical limit of quantitation.
- NA Not applicable.
- NC Not calculable.

Comments :

No MS/MSD run with this analytical batch.

Ashley M. Roy 5/29/09
Chemist/Date

TM 5/29/09
Quality Assurance Officer/Date

QUALITY ASSURANCE REPORT
for
LABORATORY BATCH NUMBER

PT09E12C

METALS

Sample Matrix :	Aqueous	Preparation Method :	EPA 200.2/SW-846 6020	Analytical Method :	EPA 200.8/SW-846 6020
Inclusive Projects :	34014, 34015, 34039	Preparation Date :	5/12/2009	Analysis Date :	5/19/2009
		Preparer(s) Initials :	JLH	Analyst(s) Initials :	JLH

Analyte	LOQ	Units	Method Blank		Laboratory Control Sample (LCS)						MATRIX SPIKE / MATRIX SPIKE DUPLICATE (MS / MSD)													
			Conc. (µg/L)	Flag	Conc. Spiked (µg/L)	LCS Conc. (µg/L)	LCS Percent Recovery (%)	LCL (%)	UCL (%)	Flag	Laboratory Sample ID	Sample Conc. (µg/L)	MD Conc. (µg/L)	Conc. Spiked (µg/L)	MS Conc. (µg/L)	MSD Conc. (µg/L)	MS Percent Recovery (%)	MSD Percent Recovery (%)	LCL (%)	UCL (%)	Flag	RPD Sample/MD (%)	RPD MS/MSD (%)	UCL (%)
Aluminum	50	µg/L	U		500.0	577.1	115	85	115	34039-001	3999.6	500	1312	1423	A	A	70	130	*	NA	8.1	20	*	
Antimony	2.0	µg/L	U		100.0	101.3	101	85	115	34039-001	U	100	99	101	99	101	70	130		NA	2.0	20	*	
Arsenic	5.0	µg/L	U		100.0	105.8	106	85	115	34039-001	34.4	100	116	118	81	84	70	130		NA	2.2	20	*	
Barium	100	µg/L	U		500	530.5	106	85	115	34039-001	113.3	500	540	557	85	89	70	130		NA	3.2	20	*	
Beryllium	1.0	µg/L	U		100.0	110.4	110	85	115	34039-001	U	100	124	128	124	128	70	130		NA	3.1	20	*	
Boron	300	µg/L	U		200.0	219.7	110	85	115	34039-001	353.1	200	564	579	105	113	70	130		NA	2.7	20	*	
Cadmium	0.5	µg/L	U		100.0	106.2	106	85	115	34039-001	0.8	100	104	104	103	103	70	130		NA	0.3	20	*	
Calcium†	1000	µg/L	U		30000	29500.0	98	85	115															
Chromium	5.0	µg/L	U		200.0	224.5	112	85	115	34039-001	11.5	200.0	222	219	105	104	70	130		NA	1.2	20	*	
Cobalt	10	µg/L	U		100.0	109.8	110	85	115	34039-001	7.9	100	106	108	98	100	70	130		NA	1.1	20	*	
Copper	4.0	µg/L	U		200.0	216.3	108	85	115	34039-001	26.1	200	204	215	89	95	70	130		NA	5.3	20	*	
Iron†	100	µg/L	U		5000	4950.0	99	85	115	34014-002	U	10000	10900	10800	109	108	70	130		NA	0.9	20	*	
Lead	3.0	µg/L	U		200.0	216.4	108	85	115	34039-001	19.2	200	209	211	95	96	70	130		NA	1.1	20	*	
Lithium	10	µg/L	U		200.0	216.6	108	85	115	34039-001	17.6	200	262	263	122	123	70	130		NA	0.6	20	*	
Magnesium†	300	µg/L	U		10000	9550.0	96	85	115	34014-002	15500.0	20000	36500	36500	105	105	70	130		NA	0.0	20	*	
Manganese	20	µg/L	U		500	524.0	105	85	115	34039-001	1759.3	500	560	569	-240	-238	70	130	M	NA	1.5	20	*	
Nickel	20	µg/L	U		200.0	211.4	106	85	115	34039-001	29.8	200	213	210	92	90	70	130		NA	1.3	20	*	
Potassium†	1000	µg/L	U		10000	10100.0	101	85	115															
Selenium	5.0	µg/L	U		100.0	109.9	110	85	115	34039-001	1.7	100	112	109	111	107	70	130		NA	3.2	20	*	
Silver	0.20	µg/L	U		100.0	110.4	110	85	115	34039-001	U	100	103	105	103	105	70	130		NA	1.7	20	*	
Sodium†	1000	µg/L	U		30000	31400.0	105	85	115															
Thallium	2.0	µg/L	U		100.0	112.0	112	85	115	34039-001	U	100	106	107	106	107	70	130		NA	1.6	20	*	
Vanadium	4.0	µg/L	U		100.0	113.2	113	85	115	34039-001	23.1	100	115	119	92	95	70	130		NA	3.3	20	*	
Zinc	50	µg/L	U		500	525.3	105	85	115	34039-001	80.6	500	540	536	92	91	70	130		NA	0.8	20	*	

Codes/Flags :

- U The analyte was not detected at or above the quantitation limit.
- E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.
- DL The sample was diluted due to sample matrix, therefore QC was not recoverable
- * The value is outside quality control limits
- K Reported concentration is proportional to dilution factor and may be exaggerated.
- P When one or both sample results are <5 times the quantitation limit, the RPD cannot be properly evaluated.
- LOQ Analytical limit of quantitation.

- W Result is always reported as "wet weight".
- J The analyte was detected at a conc. below the quant. limit but above the method detection limit.
- B The analyte was detected in the associated method blank.
- M Matrix interference has resulted in an elevated quantitation limit or distorted QC result.
- NC Not calculable.
- NA Not applicable.
- A If the sample result is >4 times the amount spiked, the MS recovery cannot be properly evaluated.

Comments :

†Minerals analyzed by Method 6010.

J. Harry 5-28-09
Chemist/Date

ZM 5/28/09
Quality Assurance Officer/Date

Method Blank (MB)

Parameter	Result (mg/L)	PQL (mg/L)	Q
1. Ammonia-N	U	0.020	

Laboratory Control Sample (LCS)

Parameter	Result (mg/L)	Spike (mg/L)	Rec %	LCL - UCL %	Q
1. Ammonia-N	0.549	0.500	110	75 - 125	

Laboratory Control Sample Duplicate (LCD)

No LCD analyzed.

MB/LCS/LCD Exception Summary

Method Blank

No exceptions noted.

Laboratory Control Sample

No exceptions noted.

Laboratory Control Sample Duplicate

No LCD analyzed.

Parent Sample (34015-001)

Parameter	Result (mg/L)	PQL (mg/L)	Q
1. Ammonia-N	U	0.020	

Matrix Spike (MS)

Parameter	Result (mg/L)	Spike (mg/L)	Rec %	LCL - UCL %	Q
1. Ammonia-N	0.435	0.500	87	75 - 125	

Matrix Spike Duplicate (MSD)

Parameter	Spike (mg/L)	MSD % Rec	MS % Rec	RPD (%)	UCL (%)	Q
1. Ammonia-N	0.500	88	87	1	20	

Matrix QC Exception Summary

Parent Sample

No exceptions noted.

Matrix Spike

No exceptions noted.

Matrix Spike Duplicate

No exceptions noted.

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.

U = Result below PQL

* = Recovery exceeds control limits.

Ashley M. Roy 5/27/09
Laboratory Approval/Date

2M 5/28/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Laboratory Control Sample (LCS) - Aqueous
Sequence: V909E15A
Analysis Date/Time: 05/16/09 05:55

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. Benzene	89.4	100	89	37 - 151	
2. 2-Butanone	75.1	100	75	64 - 167	
3. Carbon Tetrachloride	92.4	100	92	70 - 140	
4. Chlorobenzene	103	100	103	37 - 160	
5. Chloroform	80.5	100	81	51 - 138	
6. 1,4-Dichlorobenzene	109	100	109	18 - 190	
7. 1,2-Dichloroethane	78.1	100	78	49 - 155	
8. 1,1-Dichloroethene	77.3	100	77	10 - 234	
9. cis-1,2-Dichloroethene	71.6	100	72	70 - 124	
10. trans-1,2-Dichloroethene	77.1	100	77	54 - 156	
11. Ethylbenzene	102	100	102	37 - 162	
12. 2-Methylnaphthalene	97.4	100	97	55 - 166	
13. Naphthalene	95.3	100	95	69 - 134	
14. Styrene	118	100	118	69 - 132	
15. Tetrachloroethene	108	100	108	64 - 148	
16. Toluene	94.7	100	95	47 - 150	
17. Trichloroethene	94.6	100	95	71 - 157	
18. 1,2,4-Trimethylbenzene	110	100	110	79 - 122	
19. Vinyl Chloride	82.1	100	82	10 - 251	
20. m&p-Xylene	204	200	102	83 - 133	
21. o-Xylene	105	100	105	83 - 132	

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
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System Monitoring Compounds (Surrogates)	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	72.7	74.0	98	73 - 125	
2. Dibromofluoromethane(S)	65.6	74.0	89	49 - 155	
3. 1,2-Dichloroethane-d4(S)	57.6	74.0	78	58 - 128	
4. Toluene-d8(S)	68.8	74.0	93	64 - 139	

• = Project Parameter * = Recovery exceeds control limits

LCS Evaluation: **Pass**

Number of project parameters: 21

Number of project parameters exceeding CL: 0

DAK 5.20.09
Laboratory Approval/Date

RM 5/26/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Method Blank (MB) - Aqueous
Sequence: V909E15A
Analysis Date/Time: 05/15/09 07:41

Parameter	Result (µg/L)	PQL (µg/L)
1. Benzene	U	0.50
2. Butanone	U	1.0
3. Carbon Tetrachloride	U	1.0
4. Chlorobenzene	U	0.50
5. Chloroform	U	0.50
6. 1,4-Dichlorobenzene	U	0.50
7. 1,2-Dichloroethane	U	1.0
8. 1,1-Dichloroethene	U	0.50
9. cis-1,2-Dichloroethene	U	1.0
10. trans-1,2-Dichloroethene	U	0.50
11. Ethylbenzene	U	0.50
12. 2-Methylnaphthalene	U	5.0
13. Naphthalene	U	5.0
14. Styrene	U	1.0
15. Tetrachloroethene	U	1.0
16. Toluene	U	0.50
17. Trichloroethene	U	1.0
18. 1,2,4-Trimethylbenzene	U	0.50
19. Vinyl Chloride	U	0.50
20. m&p-Xylene	U	1.0
21. o-Xylene	U	0.50

Parameter	Result (µg/L)	PQL (µg/L)
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System Monitoring Compounds (Surrogates):	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	71.5	74.0	97	73 - 125	
2. Dibromofluoromethane(S)	63.2	74.0	85	49 - 155	
3. 1,2-Dichloroethane-d4(S)	58.7	74.0	79	58 - 128	
4. Toluene-d8(S)	68.0	74.0	92	64 - 139	

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.
 * = Project Parameter U = Result below PQL * = Parameter detected in blank

MB Evaluation: **Pass**
 Number of project parameters: 21
 Number of project parameters detected: 0

MLL 5-20-09
 Laboratory Approval/Date
 74 5/26/09
 Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Laboratory Control Sample (LCS) - Aqueous
Sequence: VB09E09A
Analysis Date/Time: 05/09/09 13:50

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. Acetone	115	100	115	42 - 166	
2. Acrylonitrile	118	100	118	41 - 172	
3. Benzene	93.9	100	94	37 - 151	
4. Bromobenzene	108	100	108	78 - 115	
5. Bromochloromethane	93.9	100	94	63 - 121	
6. Bromodichloromethane	93.5	100	93	35 - 155	
7. Bromoform	81.0	100	81	45 - 169	
8. Bromomethane	111	100	111	10 - 242	
9. 2-Butanone	115	100	115	64 - 167	
10. n-Butylbenzene	98.5	100	98	72 - 138	
11. sec-Butylbenzene	99.7	100	100	79 - 132	
12. tert-Butylbenzene	97.8	100	98	78 - 137	
13. Carbon Disulfide	99.4	100	99	28 - 174	
14. Carbon Tetrachloride	77.7	100	78	70 - 140	
15. Chlorobenzene	90.1	100	90	37 - 160	
16. Chloroethane	92.9	100	93	14 - 230	
17. Chloroform	98.4	100	98	51 - 138	
18. Chloromethane	90.1	100	90	10 - 273	
19. 2-Chlorotoluene	106	100	106	79 - 122	
20. Dibromochloromethane	100	100	100	53 - 149	
21. 1,2-Dibromo-3-chloropropane	97.6	100	98	60 - 135	
22. Dibromomethane	76.1	100	76	80 - 126	
23. 1,2-Dichlorobenzene	96.5	100	96	18 - 190	
24. 1,3-Dichlorobenzene	92.8	100	93	59 - 156	
25. 1,4-Dichlorobenzene	90.7	100	91	18 - 190	
26. Dichlorodifluoromethane	64.7	100	65	62 - 181	
27. 1,1-Dichloroethane	108	100	108	59 - 155	
28. 1,2-Dichloroethane	95.8	100	96	49 - 155	
29. 1,1-Dichloroethane	99.3	100	99	10 - 234	
30. cis-1,2-Dichloroethane	101	100	101	70 - 124	
31. trans-1,2-Dichloroethane	102	100	102	54 - 156	
32. 1,2-Dichloropropane	101	100	101	82 - 128	
33. cis-1,3-Dichloropropene	106	100	106	10 - 227	
34. trans-1,3-Dichloropropene	109	100	109	17 - 183	
35. Ethylbenzene	96.9	100	97	37 - 162	
36. Ethylene Dibromide	85.4	100	85	53 - 177	
37. 2-Hexanone	120	100	120	46 - 195	
38. Isopropylbenzene	112	100	112	86 - 141	
39. Methyl Iodide	104	100	104	50 - 202	
40. Methylene Chloride	99.9	100	100	10 - 221	
41. 2-Methylnaphthalene	99.5	100	99	55 - 166	
42. 4-Methyl-2-pentanone	129	100	129	52 - 173	
43. MTBE	115	100	115	43 - 179	
44. Naphthalene	108	100	108	69 - 134	
45. n-Propylbenzene	107	100	107	83 - 133	
46. Styrene	104	100	104	69 - 132	
47. 1,1,1,2-Tetrachloroethane	94.9	100	95	46 - 157	
48. 1,1,2,2-Tetrachloroethane	116	100	116	67 - 137	
49. Tetrachloroethene	71.5	100	71	64 - 148	
50. Toluene	96.8	100	97	47 - 150	
51. 1,2,4-Trichlorobenzene	83.5	100	83	71 - 133	
52. 1,1,1-Trichloroethane	91.4	100	91	52 - 162	
53. 1,1,2-Trichloroethane	97.8	100	98	52 - 150	
54. Trichloroethene	85.0	100	85	71 - 157	
55. Trichlorofluoromethane	62.7	100	63	17 - 181	
56. 1,2,3-Trichloropropane	96.3	100	96	69 - 116	

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
57. 1,2,3-Trimethylbenzene	111	100	111	82 - 127	
58. 1,2,4-Trimethylbenzene	106	100	106	79 - 122	
59. 1,3,5-Trimethylbenzene	104	100	104	80 - 125	
60. Vinyl Chloride	94.6	100	95	10 - 251	
61. m&p-Xylene	200	200	100	83 - 133	
62. o-Xylene	103	100	103	83 - 132	

System Monitoring Compounds (Surrogates):	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	52.0	50.0	104	73 - 125	
2. Dibromofluoromethane(S)	48.7	50.0	97	49 - 155	
3. 1,2-Dichloroethane-d4(S)	46.5	50.0	93	58 - 128	
4. Toluene-d8(S)	51.0	50.0	102	64 - 139	

NOTE: Exceptions have been properly commented on reported results or affected samples have been scheduled for reanalysis.

* = Project Parameter * = Recovery exceeds control limits

LCS Evaluation: **Exceptions Noted**

Number of project parameters: 62
Number of project parameters exceeding CL: 1

B. J. L. 5-12-09
Laboratory Approval/Date

2X 5/26/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Method Blank (MB) - Aqueous
Sequence: VB09E09A
Analysis Date/Time: 05/09/09 15:17

Parameter	Result (µg/L)	PQL (µg/L)
1. Acetone	U	50
2. Acrylonitrile	U	2.0
3. Benzene	U	1.0
4. Bromobenzene	U	1.0
5. Bromochloromethane	U	1.0
6. Bromodichloromethane	U	1.0
7. Bromoform	U	1.0
8. Bromomethane	U	5.0
9. 2-Butanone	U	25
10. n-Butylbenzene	U	1.0
11. sec-Butylbenzene	U	1.0
12. tert-Butylbenzene	U	1.0
13. Carbon Disulfide	U	5.0
14. Carbon Tetrachloride	U	1.0
15. Chlorobenzene	U	1.0
16. Chloroethane	U	5.0
17. Chloroform	U	1.0
18. Chloromethane	U	5.0
19. 2-Chlorotoluene	U	1.0
20. Dibromochloromethane	U	5.0
21. 1,2-Dibromo-3-chloropropane	U	1.0
22. Dibromomethane	U	5.0
23. 1,2-Dichlorobenzene	U	1.0
24. 1,3-Dichlorobenzene	U	1.0
25. 1,4-Dichlorobenzene	U	1.0
26. Dichlorodifluoromethane	U	5.0
27. 1,1-Dichloroethane	U	1.0
28. 1,2-Dichloroethane	U	1.0
29. 1,1,1-Trichloroethane	U	1.0
30. 1,1,2-Trichloroethane	U	1.0
31. trans-1,2-Dichloroethene	U	1.0
32. 1,2-Dichloropropane	U	1.0
33. cis-1,3-Dichloropropene	U	1.0
34. trans-1,3-Dichloropropene	U	1.0
35. Ethylbenzene	U	1.0
36. Ethylene Dibromide	U	1.0
37. 2-Hexanone	U	50
38. Isopropylbenzene	U	1.0
39. Methyl Iodide	U	1.0
40. Methylene Chloride	U	5.0
41. 2-Methylnaphthalene	U	5.0
42. 4-Methyl-2-pentanone	U	50
43. MTBE	U	5.0
44. Naphthalene	U	5.0
45. n-Propylbenzene	U	1.0
46. Styrene	U	1.0
47. 1,1,1,2-Tetrachloroethane	U	1.0
48. 1,1,2,2-Tetrachloroethane	U	1.0
49. Tetrachloroethene	U	1.0
50. Toluene	1.9 *	1.0
51. 1,2,4-Trichlorobenzene	U	5.0
52. 1,1,1-Trichloroethane	U	1.0
53. 1,1,2-Trichloroethane	U	1.0
54. Trichloroethene	U	1.0
55. Trichlorofluoromethane	U	1.0
56. 1,2,3-Trichloropropane	U	5.0

Parameter	Result (µg/L)	PQL (µg/L)
• 57. 1,2,3-Trimethylbenzene	U	1.0
• 58. 1,2,4-Trimethylbenzene	U	1.0
• 59. 1,3,5-Trimethylbenzene	U	1.0
• 60. Vinyl Chloride	U	1.0
• 61. m&p-Xylene	2.3 *	2.0
• 62. o-Xylene	U	1.0

System Monitoring Compounds (Surrogates):	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	50.7	50.0	101	73 - 125	
2. Dibromofluoromethane(S)	48.6	50.0	97	49 - 155	
3. 1,2-Dichloroethane-d4(S)	48.2	50.0	96	58 - 128	
4. Toluene-d8(S)	51.1	50.0	102	64 - 139	

NOTE: Exceptions have been properly commented on reported results or affected samples have been scheduled for reanalysis.

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.

* = Project Parameter U = Result below PQL * = Parameter detected in blank

MB Evaluation: **Exceptions Noted**

Number of project parameters: 62

Number of project parameters detected: 2

B. J. M. 5-12-09
Laboratory Approval/Date

24 5/26/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Laboratory Control Sample (LCS) - Aqueous
Sequence: V909E10A
Analysis Date/Time: 05/10/09 21:43

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. Acetone	95.9	100	96	42 - 166	
2. Acrylonitrile	114	100	114	41 - 172	
3. Benzene	107	100	107	37 - 151	
4. Bromobenzene	100	100	100	78 - 115	
5. Bromochloromethane	102	100	102	63 - 121	
6. Bromodichloromethane	107	100	107	35 - 155	
7. Bromoform	101	100	101	45 - 169	
8. Bromomethane	149	100	149	10 - 242	
9. 2-Butanone	100	100	100	64 - 167	
10. n-Butylbenzene	110	100	110	72 - 138	
11. sec-Butylbenzene	114	100	114	79 - 132	
12. tert-Butylbenzene	113	100	113	78 - 137	
13. Carbon Disulfide	127	100	127	28 - 174	
14. Carbon Tetrachloride	117	100	117	70 - 140	
15. Chlorobenzene	104	100	104	37 - 160	
16. Chloroethane	110	100	110	14 - 230	
17. Chloroform	105	100	105	51 - 138	
18. Chloromethane	122	100	122	10 - 273	
19. 2-Chlorotoluene	104	100	104	79 - 122	
20. Dibromochloromethane	115	100	115	53 - 149	
21. 1,2-Dibromo-3-chloropropane	99.2	100	99	60 - 135	
22. Dibromomethane	113	100	113	80 - 126	
23. 1,2-Dichlorobenzene	109	100	109	18 - 190	
24. 1,3-Dichlorobenzene	107	100	107	59 - 156	
25. 1,4-Dichlorobenzene	104	100	104	18 - 190	
26. trans-1,4-Dichloro-2-butene	104	100	104	66 - 135	
27. Dichlorodifluoromethane	145	100	145	62 - 181	
28. 1,1-Dichloroethane	105	100	105	59 - 155	
29. 1,2-Dichloroethane	100	100	100	49 - 155	
30. 1,1-Dichloroethane	111	100	111	10 - 234	
31. cis-1,2-Dichloroethane	99.6	100	100	70 - 124	
32. trans-1,2-Dichloroethane	107	100	107	54 - 156	
33. 1,2-Dichloropropane	105	100	105	82 - 128	
34. cis-1,3-Dichloropropene	120	100	120	10 - 227	
35. trans-1,3-Dichloropropene	120	100	120	17 - 183	
36. Diethyl Ether	110	100	110	30 - 167	
37. Ethylbenzene	106	100	106	37 - 162	
38. Ethylene Dibromide	110	100	110	53 - 177	
39. Hexachloroethane	94.2	100	94	54 - 136	
40. 2-Hexanone	102	100	102	46 - 195	
41. Isopropylbenzene	132	100	132	86 - 141	
42. Methyl Iodide	168	100	168	50 - 202	
43. Methylene Chloride	95.6	100	96	10 - 221	
44. 2-Methylnaphthalene	106	100	106	55 - 166	
45. 4-Methyl-2-pentanone	113	100	113	52 - 173	
46. MTBE	110	100	110	43 - 179	
47. Naphthalene	94.4	100	94	69 - 134	
48. n-Propylbenzene	115	100	115	83 - 133	
49. Styrene	119	100	119	69 - 132	
50. 1,1,1,2-Tetrachloroethane	116	100	116	46 - 157	
51. 1,1,2,2-Tetrachloroethane	111	100	111	67 - 137	
52. Tetrachloroethane	108	100	108	64 - 148	
53. Toluene	111	100	111	47 - 150	
54. 1,2,4-Trichlorobenzene	113	100	113	71 - 133	
55. 1,1,1-Trichloroethane	110	100	110	52 - 162	
56. 1,1,2-Trichloroethane	105	100	105	52 - 150	

Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
57. Trichloroethene	111	100	111	71 - 157	
58. Trichlorofluoromethane	115	100	115	17 - 181	
59. 1,2,3-Trichloropropane	95.3	100	95	69 - 116	
60. 1,2,3-Trimethylbenzene	111	100	111	82 - 127	
61. 1,2,4-Trimethylbenzene	110	100	110	79 - 122	
62. 1,3,5-Trimethylbenzene	109	100	109	80 - 125	
63. Vinyl Chloride	119	100	119	10 - 251	
64. m&p-Xylene	216	200	108	83 - 133	
65. o-Xylene	110	100	110	83 - 132	

System Monitoring Compounds (Surrogates):					
Parameter	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	75.8	74.0	102	73 - 125	
2. Dibromofluoromethane(S)	73.2	74.0	99	49 - 155	
3. 1,2-Dichloroethane-d4(S)	62.9	74.0	85	58 - 128	
4. Toluene-d8(S)	73.4	74.0	99	64 - 139	

* = Project Parameter * = Recovery exceeds control limits

LCS Evaluation: **Pass**

Number of project parameters: 65

Number of project parameters exceeding CL: 0

RAM 5-12-09
Laboratory Approval/Date

M 5/26/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Method Blank (MB) - Aqueous
Sequence: V909E10A
Analysis Date/Time: 06/10/09 23:29

Parameter	Result (µg/L)	PQL (µg/L)
1. Acetone	U	5.0
2. Acrylonitrile	U	1.0
3. Benzene	U	0.50
4. Bromobenzene	U	0.50
5. Bromochloromethane	U	1.0
6. Bromodichloromethane	U	1.0
7. Bromoform	U	1.0
8. Bromomethane	U	5.0
9. 2-Butanone	1.1 *	1.0
10. n-Butylbenzene	U	1.0
11. sec-Butylbenzene	U	0.50
12. tert-Butylbenzene	U	0.50
13. Carbon Disulfide	U	0.50
14. Carbon Tetrachloride	U	1.0
15. Chlorobenzene	U	0.50
16. Chloroethane	U	5.0
17. Chloroform	U	0.50
18. Chloromethane	U	5.0
19. 2-Chlorotoluene	U	0.50
20. Dibromochloromethane	U	2.0
21. 1,2-Dibromo-3-chloropropane	U	0.20
22. Dibromomethane	U	0.50
23. 1,2-Dichlorobenzene	U	0.50
24. 1,3-Dichlorobenzene	U	0.50
25. 1,4-Dichlorobenzene	U	0.50
26. trans-1,4-Dichloro-2-butene	U	1.0
27. Dichlorodifluoromethane	U	0.50
28. 1,1-Dichloroethane	U	0.50
29. 1,2-Dichloroethane	U	1.0
30. 1,1-Dichloroethene	U	0.50
31. cis-1,2-Dichloroethene	U	1.0
32. trans-1,2-Dichloroethene	U	0.50
33. 1,2-Dichloropropane	U	0.50
34. cis-1,3-Dichloropropene	U	0.50
35. trans-1,3-Dichloropropene	U	1.0
36. Diethyl Ether	U	0.50
37. Ethylbenzene	U	0.50
38. Ethylene Dibromide	0.097 *	0.050
39. Hexachloroethane	U	1.0
40. 2-Hexanone	U	2.0
41. Isopropylbenzene	U	0.50
42. Methyl Iodide	5.1 *	1.0
43. Methylene Chloride	U	0.50
44. 2-Methylnaphthalene	U	5.0
45. 4-Methyl-2-pentanone	U	2.0
46. MTBE	U	1.0
47. Naphthalene	U	5.0
48. n-Propylbenzene	U	0.50
49. Styrene	U	1.0
50. 1,1,1,2-Tetrachloroethane	U	1.0
51. 1,1,2,2-Tetrachloroethane	U	0.50
52. Tetrachloroethene	U	1.0
53. Toluene	U	0.50
54. 1,2,4-Trichlorobenzene	U	2.0
55. 1,1,1-Trichloroethane	U	0.50
56. 1,1,2-Trichloroethane	U	0.50

Parameter	Result (µg/L)	PQL (µg/L)
57. Trichloroethane	U	1.0
58. Trichlorofluoromethane	U	0.50
59. 1,2,3-Trichloropropane	U	1.0
60. 1,2,3-Trimethylbenzene	U	0.50
61. 1,2,4-Trimethylbenzene	U	0.50
62. 1,3,5-Trimethylbenzene	U	0.50
63. Vinyl Chloride	U	0.50
64. m&p-Xylene	U	1.0
65. o-Xylene	U	0.50

System Monitoring Compounds (Surrogates):	Result µg/L	Spike µg/L	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	73.5	74.0	99	73 - 125	
2. Dibromofluoromethane(S)	71.1	74.0	96	49 - 155	
3. 1,2-Dichloroethane-d4(S)	63.2	74.0	85	58 - 128	
4. Toluene-d8(S)	70.8	74.0	96	64 - 139	

NOTE: Exceptions have been properly commented on reported results or affected samples have been scheduled for reanalysis.

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.
 * = Project Parameter U = Result below PQL * = Parameter detected in blank

MB Evaluation: **Exceptions Noted**

Number of project parameters: 65
 Number of project parameters detected: 3

[Signature]
 Laboratory Approval/Date

221 5/26/09
 Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Laboratory Control Sample (LCS) - Solid (Methanol)
Sequence: V909E12B
Analysis Date/Time: 05/12/09 23:38

Parameter	Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q
1. Acetone	2,360	2,000	118	41 - 145	
2. Acrylonitrile	2,390	2,000	119	71 - 144	
3. Benzene	2,180	2,000	109	58 - 140	
4. Bromobenzene	1,880	2,000	94	73 - 129	
5. Bromochloromethane	2,470	2,000	123	38 - 172	
6. Bromodichloromethane	2,010	2,000	101	61 - 128	
7. Bromoform	1,910	2,000	96	49 - 125	
8. Bromomethane	1,110	2,000	56	20 - 214	
9. 2-Butanone	2,630	2,000	132	13 - 180	
10. n-Butylbenzene	2,100	2,000	105	69 - 141	
11. sec-Butylbenzene	2,230	2,000	111	73 - 141	
12. tert-Butylbenzene	1,920	2,000	96	62 - 150	
13. Carbon Disulfide	2,250	2,000	112	58 - 173	
14. Carbon Tetrachloride	2,380	2,000	119	57 - 158	
15. Chlorobenzene	2,090	2,000	105	62 - 141	
16. Chloroethane	552	2,000	28	38 - 194	*
17. Chloroform	2,150	2,000	108	60 - 139	
18. Chloromethane	2,240	2,000	112	40 - 184	
19. 2-Chlorotoluene	2,010	2,000	100	74 - 137	
20. Dibromochloromethane	2,070	2,000	104	66 - 121	
21. 1,2-Dibromo-3-chloropropane	1,980	2,000	99	44 - 138	
22. Dibromomethane	2,520	2,000	126	44 - 145	
23. 1,2-Dichlorobenzene	2,170	2,000	109	62 - 145	
24. 1,3-Dichlorobenzene	2,140	2,000	107	61 - 145	
25. 1,4-Dichlorobenzene	2,060	2,000	103	65 - 135	
26. Dichlorodifluoromethane	2,620	2,000	131	53 - 186	
27. 1,1-Dichloroethane	2,140	2,000	107	64 - 138	
28. 1,2-Dichloroethane	1,930	2,000	97	61 - 139	
29. 1,1,1-Trichloroethane	2,190	2,000	110	49 - 160	
30. 1,1,2-Trichloroethane	2,050	2,000	102	63 - 132	
31. trans-1,2-Dichloroethene	2,090	2,000	105	64 - 143	
32. 1,2-Dichloropropane	2,090	2,000	105	62 - 142	
33. cis-1,3-Dichloropropene	2,400	2,000	120	61 - 139	
34. trans-1,3-Dichloropropene	2,390	2,000	119	61 - 133	
35. Ethylbenzene	2,100	2,000	105	66 - 134	
36. Ethylene Dibromide	2,130	2,000	106	66 - 135	
37. 2-Hexanone	2,140	2,000	107	45 - 155	
38. Isopropylbenzene	2,680	2,000	134	66 - 145	
39. Methyl iodide	5,380	2,000	269	41 - 177	*
40. Methylene Chloride	1,880	2,000	94	31 - 171	
41. 2-Methylnaphthalene	2,340	2,000	117	50 - 152	
42. 4-Methyl-2-pentanone	2,510	2,000	125	30 - 166	
43. MTBE	2,260	2,000	113	58 - 143	
44. Naphthalene	2,000	2,000	100	39 - 154	
45. n-Propylbenzene	2,170	2,000	109	78 - 145	
46. Styrene	2,400	2,000	120	61 - 129	
47. 1,1,1,2-Tetrachloroethane	2,220	2,000	111	65 - 127	
48. 1,1,2,2-Tetrachloroethane	1,590	2,000	80	42 - 165	
49. Tetrachloroethene	3,880	2,000	194	23 - 171	*
50. Toluene	2,320	2,000	116	52 - 152	
51. 1,2,4-Trichlorobenzene	2,260	2,000	113	57 - 139	
52. 1,3,1-Trichloroethane	2,220	2,000	111	60 - 149	
53. 1,1,2-Trichloroethane	2,020	2,000	101	63 - 139	
54. Trichloroethene	2,740	2,000	137	49 - 162	
55. Trichlorofluoromethane	2,330	2,000	116	58 - 175	
56. 1,2,3-Trichloropropane	1,830	2,000	92	65 - 126	

Parameter	Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q
• 57. 1,2,3-Trimethylbenzene	2,140	2,000	107	75 - 136	
• 58. 1,2,4-Trimethylbenzene	2,110	2,000	106	71 - 129	
• 59. 1,3,5-Trimethylbenzene	2,100	2,000	105	71 - 133	
• 60. Vinyl Chloride	2,600	2,000	130	40 - 182	
• 61. m&p-Xylene	4,230	4,000	106	67 - 134	
• 62. o-Xylene	2,180	2,000	109	65 - 134	

System Monitoring Compounds (Surrogates):	Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	2,520	2,500	101	50 - 163	
2. Dibromofluoromethane(S)	2,570	2,500	103	50 - 173	
3. 1,2-Dichloroethane-d4(S)	100	3,700	3	-	
4. Toluene-d8(S)	2,570	2,500	103	61 - 164	

NOTE: Exceptions have been properly commented on reported results or affected samples have been scheduled for reanalysis.

* = Project Parameter * = Recovery exceeds control limits

LCS Evaluation: Exceptions Noted

Number of project parameters: 62
Number of project parameters exceeding CL: 3

W. M. S. 15-09
Laboratory Approval/Date

204 5/27/09
Quality Assurance Review/Date

Quality Control Report
Volatile Organic Compounds by GC/MS
Method Blank (MB) - Solid (Methanoi)
Sequence: V909E12B
Analysis Date/Time: 05/13/09 00:58

Parameter	Result (µg/kg)	PQL (µg/kg)
1. Acetone	U	250
2. Acrylonitrile	U	50
3. Benzene	U	25
4. Bromobenzene	U	25
5. Bromochloromethane	U	50
6. Bromodichloromethane	U	50
7. Bromoform	U	50
8. Bromomethane	U	250
9. 2-Butanone	340 *	50
10. n-Butylbenzene	U	50
11. sec-Butylbenzene	U	25
12. tert-Butylbenzene	U	25
13. Carbon Disulfide	U	25
14. Carbon Tetrachloride	U	50
15. Chlorobenzene	U	25
16. Chloroethane	U	250
17. Chloroform	U	25
18. Chloromethane	U	250
19. 2-Chlorotoluene	U	25
20. Dibromochloromethane	U	100
21. 1,2-Dibromo-3-chloropropane	U	10
22. Dibromomethane	U	25
23. 1,2-Dichlorobenzene	U	25
24. 1,3-Dichlorobenzene	U	25
25. 1,4-Dichlorobenzene	U	25
26. Dichlorodifluoromethane	U	25
27. 1,1-Dichloroethane	U	25
28. 1,2-Dichloroethane	U	50
29. 1,1-Dichloroethene	U	25
30. 1,2-Dichloroethene	U	50
31. trans-1,2-Dichloroethene	U	25
32. 1,2-Dichloropropane	U	25
33. cis-1,3-Dichloropropene	U	25
34. trans-1,3-Dichloropropene	U	50
35. Ethylbenzene	U	25
36. Ethylene Dibromide	2.9 *	2.5
37. 2-Hexanone	U	100
38. Isopropylbenzene	U	25
39. Methyl Iodide	170 *	50
40. Methylene Chloride	U	25
41. 2-Methylnaphthalene	U	250
42. 4-Methyl-2-pentanone	U	100
43. MTBE	U	50
44. Naphthalene	U	250
45. n-Propylbenzene	U	25
46. Styrene	U	50
47. 1,1,1,2-Tetrachloroethane	U	50
48. 1,1,2,2-Tetrachloroethane	U	25
49. Tetrachloroethene	U	50
50. Toluene	U	25
51. 1,2,4-Trichlorobenzene	U	100
52. 1,1,1-Trichloroethane	U	25
53. 1,1,2-Trichloroethane	U	25
54. Trichloroethene	U	50
55. Trichlorofluoromethane	U	25
56. 1,2,3-Trichloropropane	U	50

Parameter	Result (µg/kg)	PQL (µg/kg)
* 57. 1,2,3-Trimethylbenzene	U	25
* 58. 1,2,4-Trimethylbenzene	U	25
* 59. 1,3,5-Trimethylbenzene	U	25
* 60. Vinyl Chloride	U	25
* 61. m&p-Xylene	U	50
* 62. o-Xylene	U	25

System Monitoring Compounds (Surrogates)	Result µg/kg	Spike µg/kg	Rec. %	LCL - UCL %	Q
1. 4-Bromofluorobenzene(S)	2,300	2,500	92	50 - 163	
2. Dibromofluoromethane(S)	2,210	2,500	88	50 - 173	
3. 1,2-Dichloroethane-d4(S)	0.00001	3,700	0	-	
4. Toluene-d8(S)	2,360	2,500	94	61 - 164	

NOTE: Exceptions have been properly commented on reported results or affected samples have been scheduled for reanalysis.

PQL = Practical Quantitation Limit. This represents the higher value of either the method detection limit or the lowest calibration point for the analysis.

* = Project Parameter U = Result below PQL * = Parameter detected in blank

MB Evaluation: **Exceptions Noted**

Number of project parameters: 62
Number of project parameters detected: 3

DL 5-15-09
Laboratory Approval/Date

ZM 5/27/09
Quality Assurance Review/Date

Fibertec
environmental
services

Analytical Laboratory
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0388
email: lab@fibertec.us

8660 S. Mackinaw Trail
Cadillac, MI 49601
Phone: 231 775 8368
Fax: 231 775 8584

Industrial Hygiene Services, Inc.
1914 Holloway Drive
Holt, MI 48842
Phone: 517 699 0345
Fax: 517 699 0382
email: asbestos@fibertec.us

Geoprobe
11766 E. Grand River
Brighton, MI 48116
Phone: 810 220 3300
Fax: 810 220 3311

Chain of Custody #
84735
PAGE 1 of 1

Client Name: SME					MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS							Turnaround	Matrix Code		
Contact Person: JP Buckly								VOCS	Fe, Mn, Al, K, Ca, Pb	Ammonia	Nitrate/Nitrite	Chloride	TKN	Sulfate	TOC	24 hour RUSH (surcharge applies)	S Soil	GW Ground Water
Project Name/ Number: Former Beldy Co. LE57125																48 hour RUSH (surcharge applies)	W Water	SW Surface Water
Purchase Order #					Remarks:							Other: Specify		P Wipe				
Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor														
	5/1/09	8:15		MW-6	6274	X	X	X	X	X	X	X						
		8:20		MW-4 S		X	X	X	X	X	X	X						
		9:15		MW-7														
		9:25		MW-5														
		10:40		MW-11														
		12:00		MW-10														
Comments:																		
Relinquished By: <i>[Signature]</i>					Date/Time: 5/1/09		Received By: <i>[Signature]</i>											
Relinquished By: <i>[Signature]</i>					Date/Time: 5/8 8:50		Received By: <i>[Signature]</i>											
Relinquished By: <i>[Signature]</i>					Date/Time: 3/2/00		Received By: <i>[Signature]</i>											
LAB USE ONLY:																		
Fibertec project number:																		
Laboratory Tracking:																		
Temperature at Receipt:																		
RCV'D ON ICE																		
COC Revision: April 2002																		

TERMS & CONDITIONS ON BACK

34015