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RMT

Technical Memorandum

Date: January 10, 2011

To: Jason Smith, Tecumseh Products Company

cc: Roger Jackson, Tecumseh Products Company
Douglas McClure, Colin, McKenney & Philbrick, PC

From: Graham Crockford and Stacy Metz, RMT

Project No.: 00-08070.12 (02751.12)

Subject: Summary of 2010 Soil and Groundwater Source Area Investigation Activities
RCRA 3008(h) Consent Order (RCRA-05-2010-0012) - Tecumseh Products Company

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Introduction

This Technical Memorandum provides of summary of source area investigation activities conducted between June 2010 and November 2010 at the former Tecumseh Products Company (TPC) site in Tecumseh, Michigan. This summary includes a description of field activities and a summary of sampling data. These data will be used to develop source area treatment options.

Purpose

TPC retained RMT, Inc. (RMT) to investigate soil and groundwater conditions at the former TPC site located in Tecumseh, Michigan. RMT has been assisting TPC with investigative activities in accordance with the RCRA Agreed Order of Consent (RCRA 05-2010-0012) for the site. Based on these investigation activities, two general source areas were identified: the northern source area and the southern source area. The southern source area is generally defined and is apparently located in the vicinity of a solvent management area. Although it is unknown how or when contamination was released in the southern area, the soil and groundwater data collected by RMT indicate that the extent of volatile organic compounds (VOCs) in soil and groundwater in this area is well bounded, and a passive soil gas (PSG) survey was not necessary to further define the source of contamination in this portion of the facility.

By contrast, no single point source was identified in the northern source area. The purpose of the source area investigation activities was to identify discrete sources, if any, within the northern source area which may be contributing to the off-site migration of affected groundwater and/or on-site volatilization to indoor air. The northern source area occupies approximately 250,000 square feet beneath the existing building. This area is too large to cost-effectively treat as single source area. Historical data indicate that the northern source area was used primarily for machining and degreasing prior to assembly. This incidental usage of solvents in small amounts throughout the 250,000 square foot portion of the building appears to be the primary mechanism for VOC release to the environment. However elevated groundwater concentrations at monitoring wells MW-4S and MW-3S also suggested the potential presence of a trichloroethene (TCE) source(s) upgradient of these wells, within this area, which prior to

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June 2010 had not been identified. Consequently RMT performed further investigation to determine the nature of the TCE releases (numerous small releases vs. a few larger releases) and to help determine the most appropriate treatment option(s) for this area.

Summary of Field Activities

Source area investigation activities, which were conducted between June 2010 and November 2010, are described below:

- Between June 29 and July 1, 2010, RMT with the assistance of Beacon Environmental Services, Inc. (Beacon) installed a matrix of passive soil gas (PSG) samplers throughout the northern source area.
  - A total of 150 PSG samplers were installed in holes, having a total depth of 30 inches, in the sub-slab.
  - Samplers were spaced approximately 40 feet apart and were labeled numerically (from 001 to 150) and by grid location (columns A through K from west to east and rows 1 through 18 from north to south). Figure 1 shows PSG sample locations.
  - Following installation, sample holes were covered with an aluminum foil plug and patched with concrete to limit the influence of ambient air on sample results.
  - Samplers, which contain an adsorbent media to collect VOCs from the soil gas, were left in place for approximately 1 week.
- On July 8, 2010, after the designated exposure period RMT removed the PSG samplers and submitted the samples to Beacon for analysis by EPA Method 8260C.
- On September 2, 2010 RMT performed site reconnaissance based on PSG survey results.
- On September 15-17, 2010 RMT conducted an additional soil and groundwater investigation based on the findings of PSG survey and site reconnaissance, which included:
  - Advancement of soil borings at 10 locations to evaluate site geology and depth to groundwater (Attachment 1);
  - Collection of two soil samples at each boring location;
  - Collection of grab groundwater samples at 7 boring locations (all locations where a monitoring well was not installed); and
  - Installation and development of 3 new monitoring wells (MW-32s, MW-33s, and MW-34s) at source area locations (Figure 2). See Attachment 1 for well construction forms.
- On September 17, 2010, in conjunction with the third quarter monitoring event, new monitoring wells were sampled, which included:
  - Measurement of groundwater elevations at new well locations;
  - Collection of groundwater from 3 new monitoring wells and measurement of field parameters at these locations; and
  - Analysis of groundwater samples for VOCs.

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- On November 18, 2010, a supplemental sample event at new monitoring wells was conducted, which included:
  - Measurement of groundwater elevations at new well locations;
  - Collection of groundwater from 3 new monitoring wells and measurement of field parameters at these locations; and
  - Analysis of groundwater samples for VOCs.

Results and Data Analysis

Source area investigation activities were conducted to identify discrete sources, if any, within the northern source area which may be contributing to the off-site migration of affected groundwater and/or on-site volatilization to indoor air.

Passive Soil Gas Survey

PSG samplers were installed throughout the northern source area (Figure 1). The northern source area is defined as the area upgradient of MW-4s and MW-3s which was used for machining and degreasing activities prior to unit assembly during the mid-1900s, when TCE was commonly used as a solvent. The area extends from the office/engineering area in the west through the original footprint of Building Area P in the east. Building Area P, constructed in 1908, was remodeled and expanded into the parking lot to the east and south in 1994. The P-Building expansion area is not considered a potential source area.

During the PSG sample collection period, VOCs present in the soil gas were absorbed by the media inside the sampler (each sampler contains two media cartridges). Following sample retrieval, one media cartridge (two at duplicate locations) from each sample location was analyzed by Beacon. Analytical results are provided in micrograms (per cartridge). Because results cannot be correlated directly to a soil gas concentration, data are considered semi-quantitative. Analytical results can be found in the Beacon Passive Soil Gas Survey – Analytical Report dated August 26, 2010 (Attachment 2). In addition to providing analytical data, Beacon provided compound distribution maps for select constituents. Figures 3 and 4 illustrate the distribution of TCE and a combination of TCE and its breakdown products, respectively.

The highest concentrations of TCE (yellow to red) on Figure 3 were found at the following locations:

- The corridor between the southern portion of Building Area B (samples 084 and 087) and south through building area D (samples 100 and 101);
- The area around sub-slab sample location SV-11 in Building Area E (samples 057, 059, 060, 063, and 107);
- Three areas within or near the footprint of Building Area P prior to the building expansion completed in the 1990s;
- A single sample location (144) in the southwest corner of Building Area K; and

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— A single sample location (080) in the northeast corner of Building Area B.

The distribution of TCE with its breakdown products (Figure 4) is similar to the distribution of TCE (Figure 3). The highest concentrations of TCE breakdown products are found within the original footprint of Building Area P constructed in 1908.

Site Reconnaissance

Following receipt of the PSG survey analytical report, RMT performed site reconnaissance to determine potential sample locations for the upcoming soil and groundwater investigation. Using PSG survey results, RMT was able to identify several previously unknown potential source areas.

— A former chemical stockroom was located in Building Area D (Figure 5). Communications with on-site TPC staff indicated that plant workers may have transported small quantities of degreasing solvents from the stockroom to their work stations to clean machining equipment. Historically small amounts of these solvents were likely spilled as they were transported by hand from the stockroom. PSG survey results, which indicate the presence of elevated concentrations of TCE throughout the corridor north and south of the stockroom support this explanation.

— Above ground chemical piping to and from this stockroom was traced to the point of termination (Figure 5). Piping extended to the north into Building Area B. Two chemical lines extended to the south to the approximate location of sub-slab sample point SV-06. From there the piping turned to the west and followed the corridor into Building Area K. One of the pipes terminated near sample location 144; the end was cut but not capped. The other pipe turned to the south and entered Building Area TD where several empty above ground chemical storage tanks remain.

— A small power washer room located near the northeast corner of Building Area B-2 was found immediately upgradient of elevated PSG sample results in Building Area P. A power washer and a floor drain were located inside the room. Consequently, the room was identified as a potential source area.

VOCs in Soil

At each boring location two samples were collected. One sample was collected near the surface and a second sample was collected from the unsaturated zone near the water table. (Note: A new concrete floor was placed in Building Area P during construction activities in the early 1990s. As indicated in the boring logs [Attachment 1] new granular fill was found immediately below the concrete at boring locations in Building Area P. Shallow soil samples were collected from below the new fill at these locations [MW-33s, NS-15 and NS-16]).

Detected concentrations of VOCs in on-site soils are summarized in Table 1. A complete package of soil chemistry data can be found in Attachment 3. Chlorinated VOCs (CVOCs) were detected in all of the samples and petroleum hydrocarbons were detected at three sample locations: MW-33s (1-3′), NS-12 (0-2′), and NS-15 (2-4′). Petroleum hydrocarbons were detected above

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Michigan Part 201 Drinking Water Protection and Groundwater-to-Surface Water Protection criteria at only one location (MW-33s [1-3']). As noted below. Petroleum hydrocarbons were not detected in groundwater, indicating a significant source of total petroleum hydrocarbons in groundwater is not present at the site.

TCE exceeded Michigan Part 201 criteria at all sample locations. Excluding the two locations with comparably high TCE concentrations in shallow soil (NS-15 and NS-17), concentrations of TCE were typically higher and less variable in the deeper soil. Tetrachloroethene (PCE) was detected above Michigan Part 201 criteria at seven of the ten boring locations (ten of the soil samples). PCE and TCE breakdown products, cis-1,2-dichloroethene (cis-DCE) and vinyl chloride were detected above Michigan Part 201 criteria at only two sample locations MW-33s (1-3') and NS-15 (2-4'); the same two locations with the highest petroleum hydrocarbon concentrations.

VOCs in Groundwater

Groundwater samples were collected from the water table. Detected concentrations of VOCs in on-site groundwater are summarized in Table 2. A complete package of groudnwater chemistry data can be found in Attachment 3.

CVOCs were detected in all of the samples. TCE exceeded Michigan Part 201 criteria at all sample locations. PCE was not detected above Michigan Part 201 criteria in groundwater. TCE breakdown products, cis-DCE and vinyl chloride, were detected above Michigan Part 201 criteria at seven sample locations. Concentrations of breakdown products were below Part 201 criteria at NS-11 and NS-17. Breakdown products were not detected in the southern source area at MW-34s. 1,1,1-trichloroethane (TCA) was detected above Michigan Part 201 criteria at three locations: NS-14, MW-32s, and MW-34s. The concentration of TCA was comparably higher at MW-34s, in the southern source area.

Data Quality Assurance

RMT retrieved 150 passive soil gas samples on July 8, 2010. These samples were analyzed by Beacon Environmental Services, Inc., located in Bel Air, Maryland for VOCs by USEPA Method 8260C following the protocol specified in the Quality Assurance Project Plan (QAPP) which was submitted to USEPA for review in August 2010. The data quality objectives (Level 3) and laboratory completeness goals for the project were met, and the data are usable.

RMT collected twenty-one soil and ten water samples between September 15 and September 17, 2010 and six water samples on November 18, 2010. These samples were analyzed by Trimatrix Laboratories, located in Grand Rapids, Michigan for VOCs by USEPA Method 8260B following protocols specified in the QAPP. RMT performed validation of the laboratory data. The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages contained all of the deliverables necessary for validation of the analytical data. Data validation reports are included as Attachment 4.

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Summary and Conclusions

This technical memorandum provides a summary of source area investigation activities conducted between June 2010 and November 2010, including soil boring logs and laboratory data. A brief summary of investigation activities and findings is provided below:

- RMT conducted a passive soil gas survey to identify potential discrete soil and/or groundwater sources within the northern source area. Areas that the PSG survey suggests may be the location of possible source areas, were investigated further using a direct push drill rig.
- RMT conducted ten soil borings at potential source area locations. Three source area monitoring wells (MW-32s, MW-33s, and MW-34s) were installed.
- TCE is present in soil above Michigan Part 201 criteria throughout the northern source area. In general the concentration is higher near the groundwater table than it is near the surface.
- Where present, petroleum hydrocarbons in the soil may increase the rate of CVOC biodegradation.
- Petroleum hydrocarbons were detected above Michigan Part 201 Drinking Water Protection and Groundwater-to-Surface Water Protection criteria in soil at only one location (MW-33s [1-3′]). However, petroleum hydrocarbons were not detected in groundwater, indicating a significant source of total petroleum hydrocarbons to groundwater is not present.
- TCE is present in groundwater above Michigan Part 201 criteria throughout the northern source area. TCE breakdown products were also detected above Part 201 criteria at most northern source area investigation locations.
- Although PCE was detected in approximately half of the soil samples, no PCE was detected above Michigan Part 201 criteria in groundwater.
- Although TCA was detected in the northern source area near the chemical stockroom, TCA is not detected in groundwater at perimeter and off-site locations downgradient of the northern source area.
- The concentration of TCA is higher in the southern source area. Off-site migration of TCA is observed from the southern source area.
- The data quality objectives and laboratory completeness goals for the project were met, and the data are usable.
- Historically TPC employees acquired solvents from the chemical stockroom to clean individual machining units (there were hundreds of units throughout the plant). Numerous small spills over years of use, likely contribute to elevated concentrations of TCE throughout the northern source area.
- Despite extensive investigation throughout the northern source area, the highest concentrations of TCE in groundwater are still found at MW-4s. There is no clearly defined ongoing source area, which accounts for groundwater concentrations at MW-4s.
- Analysis of data collected during these source area investigation activities is ongoing; these data will be used in the development and evaluation of remedial options for the site.

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Tables

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Table 1
Summary of Detected Volatile Organic Compounds in On-Site Soil
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	n-Butyl Benzene	sec-Butyl Benzene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	4-Isopropyl-toluene	2-Methyl-naphthalene	Napthalene	n-propyl Benzene(2)	Tetrachloro-ethene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene	1,2,4-Trimethyl benzene(2)	1,3,5-Trimethyl benzene(2)	Vinyl Chloride	Xylenes(2)
Residential DWPC	1,600	1,600	1,400	2,000	NC	57,000	35,000	1,600	100	4,000	170	100	2,100	1,800	40	5,600
Industrial DWPC	4,600	4,600	1,400	2,000	NC	1.70E+05	1.00E+05	4,600	100	4,000	700	100	2,100	1,800	40	5,600
GSI Protection Criteria	NC	NC	12,000	30,000	NC	NC	870	NC	900(1)	4,000	1600(1)	4000(1)	570	1,100	300	700
Groundwater Contact Protection Criteria	1.20E+05	88,000	6.40E+05	1.40E+06	NC	5.50E+06	2.10E+06	3.00E+05	88,000	4.60E+05	94,000	4.40E+05	1.10E+05	94,000	20,000	1.50E+05
Residential DCC	2.50E+06	2.50E+06	6.40E+05	1.40E+06	NC	8.10E+06	1.60E+07	2.50E+06	88,000	4.60E+05	53,000	5.00E+05	1.10E+05	94,000	3,800	1.50E+05
Industrial and Commercial DCC	8.00E+06	8.00E+06	6.40E+05	1.40E+06	NC	2.60E+07	5.20E+07	8.00E+06	88,000	4.60E+05	2.40E+05	5.00E+05	1.10E+05	94,000	34,000	1.50E+05
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MW-32s (0.5-1.5')	<58	<58	<58	<58	<120	<380	<380	<120	<58	**92**	<58	**1,200**	<120	<120	<46	<178
MW-32s (22-24')	<230	<230	<230	<230	<460	<1,500	<1,500	<460	**490**	**1,800**	<230	**26,000**	<460	<460	<180	<690
MW-33s (1-3')	**1,800**	**490**	**7,500**	**590**	**530**	**4,500**	**2,600**	**530**	**820**	<53	**300**	**5,700**	**3,900**	**1,200**	**410**	**560**
MW-33s (19-22')	<240	<240	<240	<240	<490	<1,600	<1600	<490	**470**	<240	<240	**19,000**	<490	<490	<200	<730
DUP-01 [MW-33s (19-22')]	<100	<100	<100	<100	<210	<680	<680	<210	**260**	<100	<100	**10,000**	<210	<210	<83	<310
MW-34s (0.5-2.5')	<49	<49	<49	<49	<97	<320	<320	<97	<49	**740**	<49	**1,200**	<97	<97	<39	<146
MW-34s (21-23')	<130	<130	<130	<130	<260	<850	<850	<260	**330**	**9,600**	<130	**14,000**	<260	<260	<100	<390
NS-11 (0-4')	<58	<58	<58	<58	<120	<380	<380	<120	**59**	<58	<58	**770**	<120	<120	<47	<178
NS-11 (22-23')	<51	<51	<51	<51	<100	<340	<340	<100	**310**	<51	<51	**4,100**	<100	<100	<41	<151
NS-12 (0-2')	**150**	**100**	<53	<53	<110	<350	<350	<110	**190**	<53	<53	**880**	<110	<110	<42	<163
NS-12 (22-24')	<52	<52	<52	<52	<100	<340	<340	<100	**120**	<52	<52	**2,000**	<100	<100	<42	<152
NS-13 (0.5-4.0')	<55	<55	<55	<55	<110	<360	<360	<110	<55	<55	<55	**1,900**	<110	<110	<44	<165
NS-13 (21-23')	<140	<140	**170**	<140	<280	<920	<920	<280	<140	**200**	<140	**17,000**	<280	<280	<110	<420
NS-14 (0.5-3.5')	<58	<58	<58	<58	<120	<380	<380	<120	<58	**63**	<58	**640**	<120	<120	<47	<178
NS-14 (22-23')	<260	<260	<260	<260	<520	<1,700	<1,700	<520	<260	**2,300**	<260	**18,000**	<520	<520	<210	<780
NS-15 (2-4')	**1,400**	**1,100**	**6,700**	<570	<1100	<3,700	<3,700	<1100	**630**	<570	<570	**72,000**	<1,100	<1,100	<450	<1,670
NS-15 (19-20')	<100	<100	**350**	<100	<210	<680	<680	<210	**130**	<100	<100	**18,000**	<210	<210	<83	<310
NS-16 (2-4')	<57	<57	<57	<57	<110	<380	<380	<110	<57	<57	<57	**1,700**	<110	<110	<46	<167
NS-16 (19-20')	<260	<260	**470**	<260	<520	<1,700	<1,700	<520	<260	<260	<260	**33,000**	<520	<520	<210	<780
NS-17 (0.5-2.0')	<1,000	<1,000	<1,000	<1,000	<2,100	<6,900	<6,900	<2,100	<1,000	<1,000	<1,000	**100,000**	<2,100	<2,100	<840	<3,100
NS-17 (22-23')	<52	<52	<52	<52	<100	<340	<340	<100	**240**	**230**	<52	**2,100**	<100	<100	<41	<152

Notes:

Residential and Industrial Health-Based Drinking Water Protection Criteria (DWPC), Groundwater Surface Water Interface (GSI) Protection Criteria, Groundwater Contact Protection Criteria, and Residential and Industrial Direct Contact Criteria (DCC) from MDEQ RRD Op Memo 1 Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, January 23, 2006.

ug/kg = micrograms per kilogram

NC = No Criteria

NA = Not Analyzed

bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

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Table 2
Summary of Detected Volatile Organic Compounds in On-Site Groundwater
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte		Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene[2]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC	NC	NC	NC
Residential DWC		430	880	7.0	70	100	5.0	200	5.0	2.0
Industrial DWC		1,700	2,500	7.0	70	100	5.0	200	5.0	2.0
GSI Criteria		NC	740	65[1]	620	1,500	45[1]	200	200[1]	15
Residential GWSL for Vapor Intrusion		NC	130	390	440	330	11	15,000	58	5.0
Non-Residential GWSL for Vapor Intrusion		NC	440	550	610	460	37	21,000	190	17
Groundwater Contact Criteria		4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	22,000	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NS-11 (23-28')	9/15/2010	<50	<10	<10	**13**	<10	<10	**15**	**1,500**	<10
NS-12 (23-28')	9/15/2010	<50	**31**	**14**	**330**	<10	<10	<10	**720**	**120**
NS-13 (23-28')	9/16/2010	<50	<10	<10	**71**	<10	<10	**13**	**980**	<10
DUP-02 [NS-13 (23-28')]	9/16/2010	<50	<10	<10	**69**	<10	<10	**12**	**970**	<10
NS-14 (23-28')	9/17/2010	<50	**28**	<10	**120**	<10	<10	**280**	**1,300**	<10
NS-15 (22-27')	9/17/2010	<50	**57**	<10	**1,300**	**62**	<10	<10	**87**	**660**
NS-16 (19-24')	9/17/2010	<25	**25**	<5.0	**150**	**6.2**	<5.0	<5.0	**530**	**210**
NS-17 (23-28')	9/17/2010	**7.0**	**19**	<1.0	**2.2**	<1.0	**1.6**	**35**	**120**	<1.0
MW-32s (23-28')	9/17/2010	<100	**150**	<20	**270**	**26**	<20	**220**	**2,400**	<20
	11/18/2010	<100	<20	<20	**190**	<20	<20	**560**	**2,800**	<20
MW-33s (21-26')	9/17/2010	<5.0	**12**	<1.0	**13**	<1.0	<1.0	<1.0	**76**	**64**
	11/18/2010	<5.0	**14**	<1.0	**22**	<1.0	<1.0	**1.1**	**150**	**56**
DUP-01 [MW-33S (21-26')]	11/18/2010	<5.0	**14**	<1.0	**23**	<1.0	<1.0	**1.2**	**150**	**55**
MW-34s (23-28')	9/17/2010	<100	<20	<20	<20	<20	<20	**1,600**	**1,100**	<20
	11/18/2010	<100	<20	<20	<20	<20	<20	**1,600**	**1,200**	<20

Notes:

Residential and Industrial Drinking Water Criteria (DWC), Groundwater Surface Water Interface (GSI) Criteria, and Groundwater Contact Criteria (GCC) from MDEQ RRD Op Memo 1 Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, January 23, 2006. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were calculated in accordance with the MDNRE Remediation and Redevelopment Division Program Redesign 2009 document titled Background Document: Draft Proposed Vapor Intrusion Indoor Air Criteria (IAC), Soil Gas Criteria (SGC), and Groundwater Screening Levels (GW_{VI}SLs) for Vapor Intrusion using both residential and non-residential exposure scenarios and the most recent chemical specific toxicity values accepted and/or published by the United States Environmental Protection Agency (USEPA). Proposed GWSLs were approved by USEPA in a comment lettter dated, August 24, 2010.

ug/L = micrograms per liter

NC = No criteria

NA = Not analyzed

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.

2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21

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Figures

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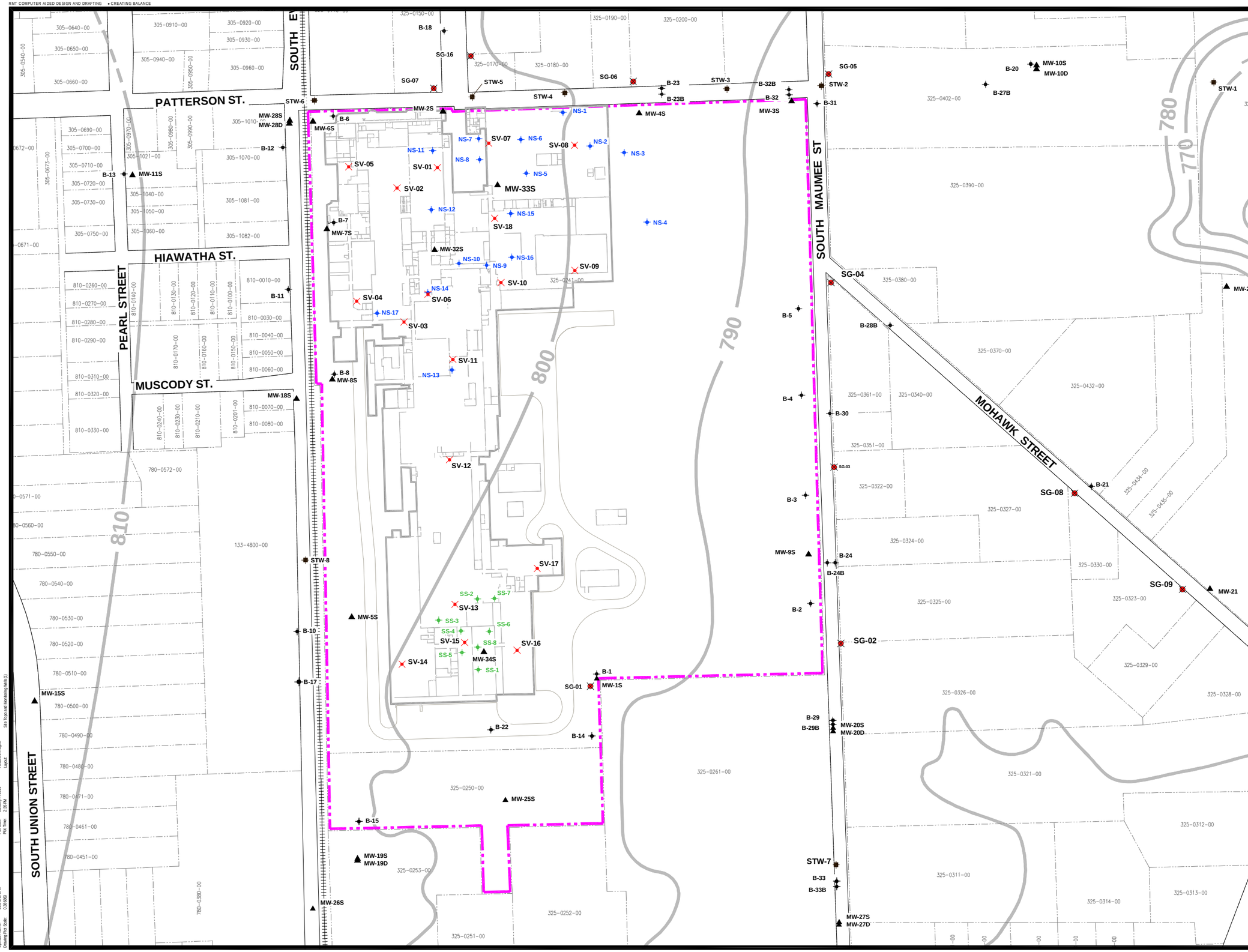
RMT COMPUTER AIDED DESIGN AND DRAFTING • CREATING BALANCE

RMT COMPUTER AIDED DESIGN AND DRAFTING • CREATING BALANCE



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- 750 — APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- B-2 — PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S — MONITORING WELL LOCATION AND NUMBER
- NS-6 — NORTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SS-2 — SOUTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- STW-2 — STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- WL-01 — WETLAND SURFACE WATER SAMPLE LOCATION
- SG-02 — SOIL GAS SAMPLE LOCATION AND NUMBER
- SV-08 — SUB-SLAB VAPOR SAMPLING LOCATION
- FLOODPLAIN / WOODED WETLAND AREA

NOTES

1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.

N

0 120' 240' 360' 480'
SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D.
5.				
4.				
3.				
2.				
1.				

FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

SAMPLE LOCATIONS

DRAWN BY: SJL	DRAWING SCALE: AS INDICATED	PROJECT NO:	J:\02751\12
CHECKED BY: SEM		FILE NO:	02751.12.02.dwg
APPROVED BY: GC	DATE PRINTED:	FIGURE 2	
DATE: January 2011			

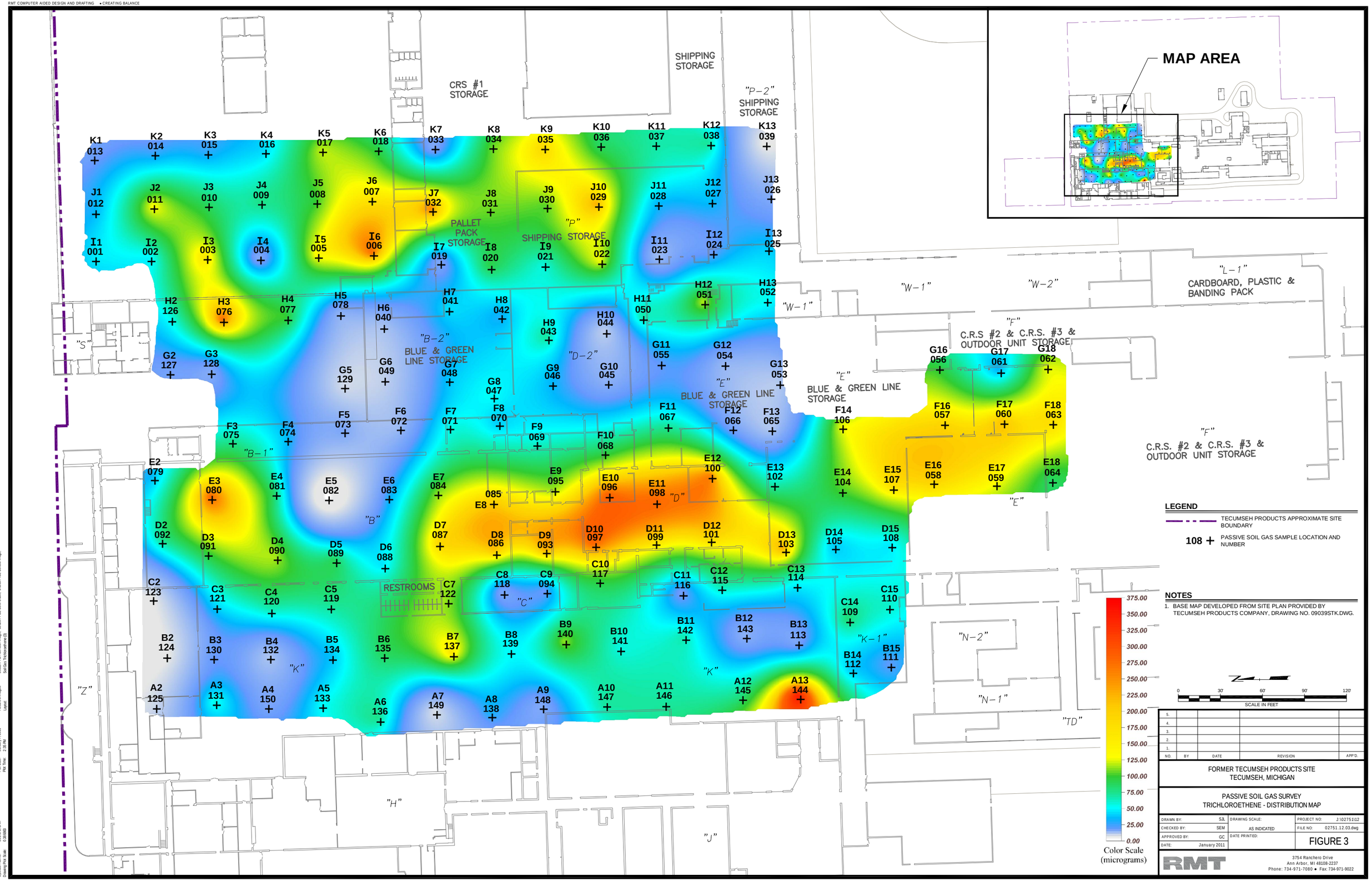
RMT
3754 Ranchero Drive
Ann Arbor, MI 48108-2237
Phone: 734-971-7080 • Fax: 734-971-9022

PLOT DATA:
Drawing Name: 2751.12.02.dwg
Operator Name: LUC/DG, SAM
Drawing Plot Scale: 1:30.6663

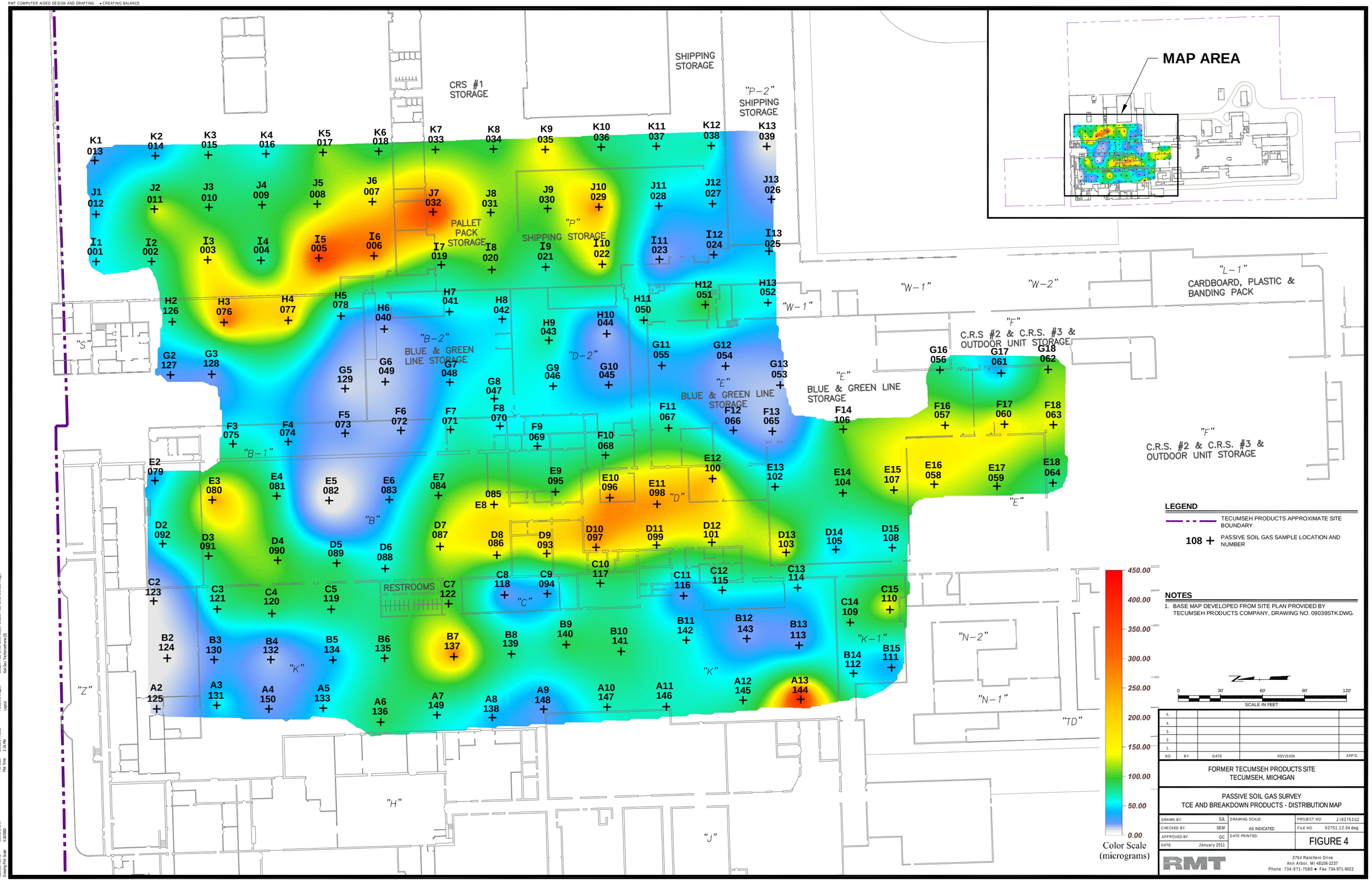
Dwg Size: 1.27 Mb
Plot Date: January 7, 2011
Plot Time: 2:35 PM

Attached Xrefs:
Attached Images:
Layout: Site Topo and Monitoring Wells (1)

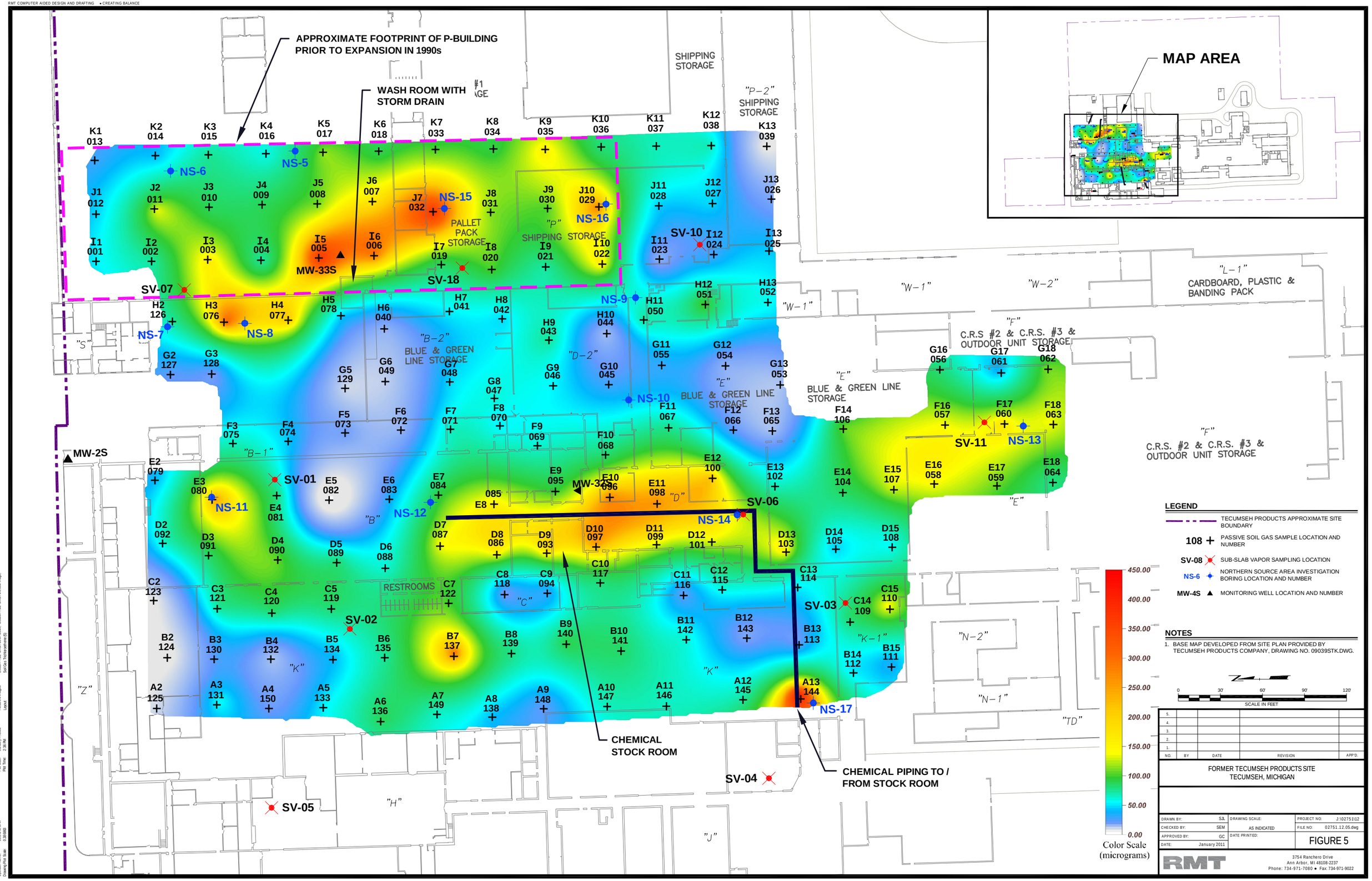
RMT COMPUTER AIDED DESIGN AND DRAFTING • CREATING BALANCE



RMT COMPUTER AIDED DESIGN AND DRAFTING • CREATING BALANCE



RMT COMPUTER AIDED DESIGN AND DRAFTING • CREATING BALANCE



Attachment 1

US EPA ARCHIVE DOCUMENT

WELL CONSTRUCTION LOG

RMT

WELL NO. MW-32s

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/15/10	9/16/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push/HSA	803.0	802.59	28.0	2-8

Boring Location: In Building Area D, near chemical stockroom
MI St Plane - NAD83 South N: 181705.08 E: 13238331.09

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe 6610DT/Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/15/10 00:00 Depth (ft bgs) 24
After Drilling: Date/Time 9/16/10 14:24 Depth (ft bgs) 23.43

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				CONCRETE					
1 GP	5		2	**CLAYEY SAND WITH GRAVEL** mostly fine sand, little clay, little gravel, slightly plastic, brown (7.5YR 4/4), moist, slight petroleum odor, loose.	SC			0	Low recovery, soil sample collected with hand auger from 0.75-1.5 feet at 14:08 on 9/15/10
2 GP	28		4 6	Same as above.	SC			10.8	
3 GP	15		8 10	**SILTY SAND WITH GRAVEL** mostly fine sand, little silt, little gravel, trace clay, non-plastic, brown (7.5YR 4/4), moist, no odor, loose.	SM			7.3	
4 GP	50		12 14	Change to mostly fine to coarse sand, no clay, brown (7.5 YR 4/3), dry, slight petroleum odor at 12 feet below ground surface.	SM			15 19	

Signature: Mary Ritz

Firm: RMT, Inc.
3754 Ranchero Drive Ann Arbor, MI 48108
734-971-7080
Fax 734-971-9022

Checked By: John Bacon

WELL CONSTRUCTION LOG

RMT

WELL NO. MW-32s

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
5 GP	83		18	**SILTY SAND** mostly fine to coarse sand, little silt, trace gravel, brown (7.5YR 4/3), dry to moist, slight petroleum odor, loose.				48 90	
6 GP	75		20 22	Change to moderate petro odor at 20 feet below ground surface.	SM			109 90.8	Soil sample collected from 22-24 feet at 13:40 on 9/15/10
7 GP	58		24 26	Change to moist to wet at 23.75 feet below ground surface. **WELL GRADED SAND** mostly fine to coarse sand, trace silt, trace gravel, brown (7.5YR 4/3), saturated, no odor, loose. Change to moderate petro odor at 26 feet below ground surface.	SW				
			28 30 32 34 36	End of boring at 28.0 feet below ground surface.					

RMT WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company		WELL ID:	MW-32s
PROJ. NO: 8070.12	DATE INSTALLED: 9/16/2010 Stacy Metz		CHECKED BY: John Bacon

ELEVATION (BENCHMARK: USGS)	DEPTH BELOW OR ABOVE GROUND SURFACE (FEET)	
803.00	0.0	GROUND SURFACE
802.59	0.4	TOP OF CASING
	1.5	CEMENT SURFACE PLUG
		GROUT/BACKFILL MATERIAL: NA
		GROUT/BACKFILL METHOD: NA
22.50	--	GROUT
		BENTONITE SEAL MATERIAL: MEDIUM CHIPS
	21.0	BENTONITE SEAL
780.09	23.0	TOP OF SCREEN
5.00		FILTER PACK MATERIAL: MEDIUM, WASHED SAND
775.09	28.0	BOTTOM OF SCREEN
	28.0	BOTTOM OF FILTER PACK
	--	BENTONITE PLUG
		BACKFILL MATERIAL: NA
775.1	28.0	HOLE BOTTOM

RISER PIPE LENGTH

SCREEN LENGTH

NOTES:

CASING AND SCREEN DETAILS

TYPE OF RISER: 2-INCH PVC

PIPE SCHEDULE: 40

PIPE JOINTS: THREADED O-RINGS

SOLVENT USED? NO

SCREEN TYPE: 2-INCH PVC

SCR. SLOT SIZE: 0.01-INCH

BOREHOLE DIAMETER:	6.25	IN. FROM	0	TO	33	FT.
		IN. FROM		TO		FT.
SURF. CASING DIAMETER:	8	IN. FROM	0	TO	1.5	FT.
		IN. FROM		TO		FT.

WELL DEVELOPMENT

DEVELOPMENT METHOD: BAIL THEN SURGE AND PUMP

TIME DEVELOPING: 0.5 + 0.25 HOURS

WATER REMOVED: 8 + 4 GALLONS

WATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: Very Turbid

COLOR BEFORE: Brown

CLARITY AFTER: Very Turbid

COLOR AFTER: Brown

ODOR (IF PRESENT): None

WATER LEVEL SUMMARY

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	27.60	T/PVC	9/16/2010	11:42
DTB AFTER DEVELOPING:	27.61	T/PVC	9/16/2010	14:24
SWE BEFORE DEVELOPING:	23.44	T/PVC	9/16/2010	11:42
SWE AFTER DEVELOPING:	23.43	T/PVC	9/16/2010	14:24
OTHER SWE:		T/PVC		
OTHER SWE:		T/PVC		

PROTECTIVE CASING DETAILS

PERMANENT, LEGIBLE WELL LABEL ADDED? ☑ YES ☐ NO

PROTECTIVE COVER AND LOCK INSTALLED? ☑ YES ☐ NO

LOCK KEY NUMBER: 3120

REVISED 03/2008

WELL CONSTRUCTION LOG

RMT

WELL NO. MW-33s

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/15/10	9/16/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push/HSA	799.9	799.49	28.0	2-8

Boring Location: In Building Area P, 15 ft SW of Grid Location I5
MI St Plane - NAD83 South N: 181876.31 E: 13238497.19

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe 6610DT/Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/15/10 00:00 Depth (ft bgs) 22
After Drilling: Date/Time 9/16/10 15:04 Depth (ft bgs) 20.58

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	PID (PPM)	COMMENTS
				CONCRETE			
				POORLY GRADED SAND mostly fine sand, dark reddish brown (5YR 3/3), moist, no odor, medium dense.	SP	1.0	Soil sample collected from 1-3 feet at 16:14 on 9/15/10
1 GP	65		2	**GRAVELLY SILT** mostly silt, some fine to coarse subangular to angular gravel, dark reddish gray (5YR 4/2), dry to moist, no odor, dense.	ML	14.0	
				Change to black (5 YR 2.5/1) at 2.6 feet below ground surface.		84.0	
			4	**CLAYEY SAND WITH GRAVEL** mostly sand, some clay, little gravel, slightly plastic, dark reddish brown (5YR 3/2), moist, no odor, medium dense to dense.	SC	26.3	
						1.0	
2 GP	75		6	**SILTY SAND** mostly fine sand, little silt, little medium to coarse sand, few gravel, reddish brown (5YR 4/3), dry to moist, no odor, loose to medium dense.	SM	0.6	
						4.2	
			8	Same as above.			
						16.8	
3 GP	75		10				
						29.3	
			12	Same as above.			
						33.2	
4 GP	73		14				
						40.3	

SOIL BORING WELL CONSTRUCTION LOG 8070.12 2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature:

Checked By: John Bacon

Firm: RMT, Inc.
3754 Ranchero Drive Ann Arbor, MI 48108
734-971-7080
Fax 734-971-9022

WELL CONSTRUCTION LOG

RMT

WELL NO. MW-33s

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
5 GP	75		18	Same as above.	SM			24.1 20.6	Soil sample and DUP-01 collected from 19-22 feet at 16:32 on 9/15/10
6 GP	63		20 22	Same as above. **WELL GRADED SAND WITH GRAVEL** mostly fine to coarse sand, some gravel, few to little silt, dark reddish brown (5YR 3/3), saturated, no odor, dense.	SW			13.2	
7 GP	78		24 26	**POORLY GRADED SAND** mostly coarse subrounded sand, some fine to medium sand, dark brown (7.5YR 3/2), saturated, no odor, medium dense. Grades to mostly fine to medium sand, few to trace coarse sand at 25 feet below ground surface.	SP				
			28	End of boring at 28.0 feet below ground surface.					
			30						
			32						
			34						
			36						

RMT WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company		WELL ID:	MW-33s
PROJ. NO: 8070.12	DATE INSTALLED: 9/16/2010 Stacy Metz		CHECKED BY: John Bacon

ELEVATION (BENCHMARK: USGS)	DEPTH BELOW OR ABOVE GROUND SURFACE (FEET)	
799.90	0.0	GROUND SURFACE
799.49	0.4	TOP OF CASING
	1.0	CEMENT SURFACE PLUG
		GROUT/BACKFILL MATERIAL: NA
		GROUT/BACKFILL METHOD: NA
20.50	--	GROUT
		BENTONITE SEAL MATERIAL: MEDIUM CHIPS
	19.0	BENTONITE SEAL
778.99	21.0	TOP OF SCREEN
5.00		FILTER PACK MATERIAL: MEDIUM, WASHED SAND
773.99	26.0	BOTTOM OF SCREEN
	26.0	BOTTOM OF FILTER PACK
	--	BENTONITE PLUG
		BACKFILL MATERIAL: WELL GRAVEL / NATURAL COLLAPSE
771.99	28.0	HOLE BOTTOM

RISER PIPE LENGTH

SCREEN LENGTH

NOTES:

CASING AND SCREEN DETAILS

TYPE OF RISER: 2-INCH PVC

PIPE SCHEDULE: 40

PIPE JOINTS: THREADED O-RINGS

SOLVENT USED? NO

SCREEN TYPE: 2-INCH PVC

SCR. SLOT SIZE: 0.01-INCH

BOREHOLE DIAMETER:	6.25	IN. FROM	0	TO	26	FT.
	2	IN. FROM	26	TO	28	FT.
SURF. CASING DIAMETER:	8	IN. FROM	0	TO	1	FT.
		IN. FROM		TO		FT.

WELL DEVELOPMENT

DEVELOPMENT METHOD: BAIL THEN SURGE AND PUMP

TIME DEVELOPING: 0.5 + 0.3 HOURS

WATER REMOVED: 10 + 7 GALLONS

WATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: Very Turbid

COLOR BEFORE: Brown

CLARITY AFTER: Clear

COLOR AFTER: None

ODOR (IF PRESENT): None

WATER LEVEL SUMMARY

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	25.77	T/PVC	9/16/2010	9:55
DTB AFTER DEVELOP (w/ Bailer	25.76	T/PVC	9/16/2010	10:48
DTB AFTER DEVELOP (w/ Pump	25.76	T/PVC	9/16/2010	15:04
SWE BEFORE DEVELOPING:	20.56	T/PVC	9/16/2010	9:55
SWE AFTER DEVELOP (w/ Baile	20.56	T/PVC	9/16/2010	10:48
SWE AFTER DEVELOP (w/ Pump	20.58	T/PVC	9/16/2010	15:04

PROTECTIVE CASING DETAILS

PERMANENT, LEGIBLE WELL LABEL ADDED? ☑ YES ☐ NO

PROTECTIVE COVER AND LOCK INSTALLED? ☑ YES ☐ NO

LOCK KEY NUMBER: 3120

REVISED 03/2008

WELL CONSTRUCTION LOG

RMT

WELL NO. MW-34s

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/16/10	9/16/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push/HSA	803.1	802.78	28.0	2-8

Boring Location: Adjacent to SS-8 In Building Area M
MI St Plane - NAD83 South N: 180643.93 E: 13238461.45

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/16/10 00:00 Depth (ft bgs) 23.5
After Drilling: Date/Time 9/16/10 17:32 Depth (ft bgs) 23.63

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
				CONCRETE					
1 GP	100		2	**SILTY SAND** mostly fine sand, some silt, dark yellowish brown (10YR 4/6), dry, no odor, medium dense, fill.	SM			5.9 14.5	Soil sample collected from 0.5-2.5 feet at 13:49
2 GP	73		4 6	**SILTY LEAN CLAY** mostly clay, some silt, slightly plastic, very dark brown (10YR 2/2), dry to moist, no odor, stiff to very stiff.	CL-ML			9.6	
3 GP	75		8 10	**POORLY GRADED SAND WITH SILT** mostly fine to medium sand, few coarse sand, few to little silt, trace gravel, dark yellowish brown (10YR 3/6), dry, no odor, loose to medium dense. Change to few to little gravel at 8 feet below ground surface. Change to yellowish brown (10YR 5/6) at 11 feet below ground surface.	SP-SM			13.3 47.8 38.3	
4 GP	70		12 14	Change to trace gravel at 12 feet below ground surface. **POORLY GRADED SAND WITH SILT AND GRAVEL** mostly fine to medium sand, few coarse sand, few to little silt, little gravel, yellowish brown (10YR 5/6), dry, no odor, loose to medium dense.	SP-SM			56.3 47.1	

Signature: [signature]

Firm: RMT, Inc.
3754 Ranchero Drive Ann Arbor, MI 48108
734-971-7080
Fax 734-971-9022

Checked By: John Bacon

WELL CONSTRUCTION LOG

RMT

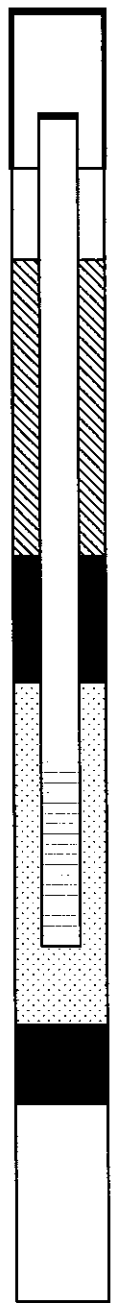
WELL NO. MW-34s

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
5 GP	73		18	**POORLY GRADED SAND WITH SILT** mostly fine to medium sand, few coarse sand, few to little silt, trace gravel, yellowish brown (10YR 5/6), dry, no odor, loose to medium dense.				15.9 42.8	
6 GP	73		20 22	Change to few gravel at 20 feet below ground surface. Change to little coarse sand at 22 feet below ground surface.	SP-SM			38.9 16.9	Soil sample collected from 21-23 feet at 14:10
7 GP	68		24 26	Change to saturated at 23.5 feet below ground surface. Same as above.					
			28	End of boring at 28 feet below ground surface.					
			30						
			32						
			34						
			36						

RMT WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company		WELL ID:	MW-34s
PROJ. NO: 8070.12	DATE INSTALLED: 9/16/2010 Stacy Metz		CHECKED BY: John Bacon

ELEVATION (BENCHMARK: USGS)	DEPTH BELOW OR ABOVE GROUND SURFACE (FEET)	
803.01	0.0	GROUND SURFACE
802.78	0.3	TOP OF CASING
	1.5	CEMENT SURFACE PLUG
		GROUT/BACKFILL MATERIAL: NA
		GROUT/BACKFILL METHOD: NA
22.50	--	GROUT
		BENTONITE SEAL MATERIAL: MEDIUM CHIPS
	21.5	BENTONITE SEAL
780.28	23.0	TOP OF SCREEN
5.00		FILTER PACK MATERIAL: MEDIUM, WASHED SAND
775.28	28.0	BOTTOM OF SCREEN
	28.0	BOTTOM OF FILTER PACK
	--	BENTONITE PLUG
		BACKFILL MATERIAL: NA
775.3	28.0	HOLE BOTTOM



NOTES:

CASING AND SCREEN DETAILS

TYPE OF RISER: 2-INCH PVC

PIPE SCHEDULE: 40

PIPE JOINTS: THREADED O-RINGS

SOLVENT USED? NO

SCREEN TYPE: 2-INCH PVC

SCR. SLOT SIZE: 0.01-INCH

BOREHOLE DIAMETER:	6.25	IN. FROM	0	TO	33	FT.
		IN. FROM		TO		FT.
SURF. CASING DIAMETER:	8	IN. FROM	0	TO	1.5	FT.
		IN. FROM		TO		FT.

WELL DEVELOPMENT

DEVELOPMENT METHOD: SURGE AND BAIL

TIME DEVELOPING: 0.75 HOURS

WATER REMOVED: 12 GALLONS

WATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: Very Turbid

COLOR BEFORE: Grayish Brown

CLARITY AFTER: Very Turbid

COLOR AFTER: Grayish Brown

ODOR (IF PRESENT): None

WATER LEVEL SUMMARY

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	27.50	T/PVC	9/16/2010	16:11
DTB AFTER DEVELOPING:	27.50	T/PVC	9/16/2010	17:32
SWE BEFORE DEVELOPING:	23.63	T/PVC	9/16/2010	16:11
SWE AFTER DEVELOPING:	23.63	T/PVC	9/16/2010	17:32
OTHER SWE:		T/PVC		
OTHER SWE:		T/PVC		

PROTECTIVE CASING DETAILS

PERMANENT, LEGIBLE WELL LABEL ADDED? ☑ YES ☐ NO

PROTECTIVE COVER AND LOCK INSTALLED? ☑ YES ☐ NO

LOCK KEY NUMBER: 3120

SOIL BORING LOG

RMT

BORING NO. NS-11

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/15/10	9/15/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: In Building Area B, 1 foot west of Grid Location E3

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe 6610DT

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/15/10 00:00 ∇ Depth (ft bgs) 23.75
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				Soil sample collected from 0-4 feet at 8:45
				SILTY SAND WITH GRAVEL mostly fine to coarse sand, some fine to coarse angular to subangular gravel, little silt, dark yellowish brown (10YR 3/6), no odor, dry to moist, loose, fill.	SM		2	
1 GP	33		2	**CLAYEY SAND** mostly fine sand, some clay, slightly plastic, dark yellowish brown (10YR 3/6), moist, no odor, loose.	SC		0	
				CLAYEY SAND WITH GRAVEL mostly fine sand, some coarse gravel, little clay, slightly plastic, dark yellowish brown (10YR 3/6), moist, no odor, loose.	SC		0	
			4	**POORLY GRADED SAND WITH GRAVEL** mostly fine sand, few medium to coarse sand, some fine to coarse angular to subangular gravel, dark yellowish brown (10YR 3/6), dry, no odor, loose.			2	
2 GP	65		6				1	
			8	Change to subangular to subrounded gravel at 8 feet below ground surface.			0	
3 GP	63		10		SP		0	
			12	Change to little fine to medium gravel at 12 feet below ground surface.			10	
4 GP	70		14	2-inch clay lens at 14 feet below ground surface.			2	

SOIL BORING WELL CONSTRUCTION LOG 8070.12_2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature:

Firm: RMT, Inc.
3754 Ranchero Drive Ann Arbor, MI 48108
734-971-7080
Fax 734-971-9022

Checked By: John Bacon

SOIL BORING LOG

RMT

BORING NO. NS-11

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
5 GP	73		18	**POORLY GRADED SAND** mostly fine sand, few medium to coarse sand, trace fine to medium subangular to subrounded gravel, dark yellowish brown (10YR 3/6), dry, no odor, loose.	SP		0 1	
			20					
6 GP	68		22	**POORLY GRADED SAND WITH GRAVEL** mostly fine sand, few medium to coarse sand, little fine to medium subangular to subrounded gravel, dark yellowish brown (10YR 3/6), dry, no odor, loose. 1-inch clay lens at 22 feet below ground surface. Change to moist at 23 feet below ground surface.	SP		2 0	Soil sample collected from 22-23 feet at 9:10
7 GP	70		24 26	∇ Change to saturated at 23.75 feet below ground surface. Same as above.				Temporary well screened from 23-28 feet, groundwater sample collected at 12:40
			28	End of boring at 28.0 feet below ground surface.				
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-12

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/15/10	9/15/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: In Building Area B, 5 feet west and 2 feet north of Grid Location E7

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe 6610DT

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/15/10 00:00 ▽ Depth (ft bgs) 24
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				Soil sample collected from 0-2 feet at 9:30
1 GP	45		2	**SILTY SAND** mostly fine sand, little to few medium to coarse sand, little silt, few fine gravel, light reddish brown (5YR 6/4), dry, loose. Change to red (10R 4/8) at 2 feet below ground surface.	SM		47	
				SILTY SAND mostly fine sand, little to few medium to coarse sand, little silt, few fine gravel, very dark gray (5YR 3/1), strong petroleum odor, dry, loose.	SM		2700	
2 GP	58		4 6	**SILTY SAND WITH GRAVEL** mostly fine sand, little to few medium to coarse sand, little silt, little fine angular gravel, very dark gray (5YR 3/1), strong petroleum odor, dry, loose. Change to angular to subrounded gravel, light reddish brown (5YR 6/4), mild petroleum odor at 6 feet below ground surface.	SM		1700 60	
3 GP	55		8 10	**SILTY SAND** mostly fine sand, little to few medium to coarse sand, little silt, few fine angular to subrounded fine gravel, light reddish brown (5YR 6/4), mild petroleum odor, dry, loose.	SM		83 52	
4 GP	60		12 14	Change to slight petroleum odor at 12 feet below ground surface.			37	
				WELL GRADED SAND mostly fine to coarse sand, few silt, trace gravel, dark brown (10YR 3/3), dry, no odor, loose.	SW		14	

SOIL BORING WELL CONSTRUCTION LOG 8070.12 2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature: [signature]

Checked By: John Bacon

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SOIL BORING LOG

RMT

BORING NO. NS-12

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
5 GP	63		18	Same as above.			10.1 17	
6 GP	70		20 22	Same as above. Change to moist at 23 feet below ground surface.	SW		9.0 12	Soil sample collected from 22-24 feet at 9:50
7 GP	65		24 26	▽ Change to very dark brown (10YR 2/2), strong petroleum odor, saturated at 24 feet below ground surface.				Temporary well screened from 23-28 feet, groundwater sample collected at 11:45
			28	End of boring at 28.0 feet below ground surface.				
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-13

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/16/10	9/16/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: Adjacent to SV-11 in Building Area E, 15 feet south of Grid Location F17

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/16/10 00:00 ∇ Depth (ft bgs) 23.5
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1 GP	40		2	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose.	SM		4.0	Soil sample collected from 0.5-4.0 feet at 18:38
			4	**SANDY LEAN CLAY WITH GRAVEL** mostly clay, little sand, little gravel, few silt, slightly plastic, dark yellowish brown (10YR 3/4), moist, no odor, very stiff.	CL			
2 GP	45		6	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose.	SM		11.4	
			8	Same as above.			6.7	
3 GP	63		10	**SILTY SAND** mostly fine to coarse sand, little silt, trace to few gravel, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose.	SM		6.2	
			12	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose.			40.4	
4 GP	55		14	Change to slight petroleum odor at 15 feet below ground surface.	SM		11.3	

Signature:

Checked By: John Bacon

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SOIL BORING LOG

RMT

BORING NO. NS-13

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				Change to no odor at 16 feet below ground surface.				
5 GP	48		18				32.1	
							26.5	
			20	Change to moist at 20 feet below ground surface.				
6 GP	68		22		SM		31.0	Soil sample collected from 21-23 feet at 18:55
							33.5	
			24	∇ Change to saturated at 23.5 feet below ground surface. Same as above.				Temporary well screened from 23-28 feet, groundwater sample and DUP-02 collected at 19:39
7 GP	58		26					
			28	End of boring at 28 feet below ground surface.				
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-14

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/17/10	9/17/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: In Building Area D, 17 feet east and 13 feet south of Grid Location D12, near SV-06

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/17/10 00:00 ▽ Depth (ft bgs) 23.75
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1 GP	50		2	**FILL** some cobbles, some gravel, little poorly graded sand, red (2.5 YR 5/8) and yellowish brown (10YR 5/4), dry, no odor, medium dense.			6.5 4.1	Soil sample collected from 0.5-3.5 feet at 9:04
2 GP	20		4 6	**SANDY LEAN CLAY WITH GRAVEL** mostly clay, some sand, little coarse gravel, plastic, dark yellowish brown (10YR 3/4), moist, no odor, medium stiff to stiff.	CL		1.3	Low recovery due to gravel in sampler
3 GP	65		8 10	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, dark yellowish brown (10YR 4/4), dry to moist, no odor, medium dense. Change to slight petroleum odor at 10 feet below ground surface.			4.6 7.0	
4 GP	58		12 14	Change to no odor at 12 feet below ground surface.	SM		3.6 5.4	

SOIL BORING WELL CONSTRUCTION LOG 8070.12 2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature:

Checked By: John Bacon

Firm: RMT, Inc.
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Fax 734-971-9022

SOIL BORING LOG

RMT

BORING NO. NS-14

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
5 GP	53		18	Same as above.	SM		11.0	
				SILTY SAND mostly fine to coarse sand, little silt, few gravel, dark yellowish brown (10YR 4/4), dry, no odor, medium dense.			17.8	
			20	Change to trace gravel at 20 feet below ground surface.			9.8	
6 GP	75		22	Change to moist at 22 feet below ground surface.			17.4	Soil sample collected from 22-23 feet at 9:40
			24	∇ Change to saturated at 23.75 feet below ground surface.	SM			Temporary well screened from 23-28 feet, groundwater sample collected at 10:23
7 GP	68		26					
			28	End of boring at 28 feet below ground surface.				
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-15

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/17/10	9/17/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: In Building Area P, 3 feet south of Grid Location J7

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/17/10 00:00 ▽ Depth (ft bgs) 22
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SAND WITH GRAVEL mostly fine sand, little silt, little gravel, dark brown (7.5YR 3/3), dry, no odor, dense, fill.	SM		33.7	
1 GP	68		2	Change to black (10YR 2/1), strong petroleum odor.			298	Soil sample collected from 2-4 feet at 10:45
				SANDY LEAN CLAY mostly clay, some fine sand, little silt, plastic, brown (10YR 4/3), moist, no odor, very stiff.	CL		23.8	
			4	Same as above.				
				SILTY SAND WITH GRAVEL mostly fine to coarse sand, little silt, little fine to coarse subrounded to subangular gravel, trace cobbles, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose to medium dense.	SM		0.0	
2 GP	63		6				1.6	
			8	Same as above.			10.3	
3 GP	73		10					
				SILTY SAND mostly fine to coarse sand, little silt, trace to few fine to coarse subrounded to subangular gravel, trace cobbles, dark yellowish brown (10YR 3/4), dry to moist, no odor, loose to medium dense.	SM		6.0	
			12	Same as above.			6.1	
4 GP	75		14				11.1	

Signature: Marc Metz

Firm: RMT, Inc.
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Fax 734-971-9022

Checked By: John Bacon

SOIL BORING LOG

RMT

BORING NO. NS-15

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				Same as above.			3.7	
5 GP	75		18				5.5	Soil sample collected from 19-20 feet at 11:20
			20	Same as above.			10.4	Low recovery due to rock in sampler, collect soil sample from above
6 GP	15		22	▽ Change to saturated at 22 feet below ground surface.	SM			Groundwater depth estimated based on driller comments
			24	Same as above.				Temporary well screened from 22-27 feet, groundwater sample collected at 11:43
7 GP	23		26					
			28	End of boring at 28 feet below ground surface.				
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-16

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/17/10	9/17/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	24.0	2

Boring Location: In Building Area P, 1 foot west of Grid Location J10

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/17/10 00:00 ▽ Depth (ft bgs) 22
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SAND WITH GRAVEL mostly fine sand, some silt, few gravel, dark yellowish brown (10YR 4/6), dry, no odor, dense, fill.	SM		5.8	
1 GP	58		2	Change to black (10YR 2/1).			5.7	Soil sample collected from 2-4 feet at 18:01
				SANDY LEAN CLAY mostly clay, some fine sand, little silt, plastic, dark yellowish brown (10YR 3/4), moist, no odor, medium stiff to stiff.	CL		1.0	
			4	Change to dry.			1.6	
				SILTY SAND WITH GRAVEL mostly fine to coarse sand, little silt, little subrounded gravel, dark yellowish brown (10YR 3/4), dry, slight odor, medium dense.	SM			
2 GP	68		6	Change to no odor at 6.25 feet below ground surface.			5.1	
			8	Change to trace cobbles at 8 feet below ground surface.			4.7	
3 GP	78		10	**SILTY SAND** mostly fine to coarse sand, little silt, few to trace subrounded gravel, trace cobbles, dark yellowish brown (10YR 3/4), dry, no odor, medium dense.	SM		8.2	
			12	Same as above.			11.9	
4 GP	73		14				11.2	

SOIL BORING WELL CONSTRUCTION LOG 8070.12_2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature:

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Checked By: John Bacon

SOIL BORING LOG

RMT

BORING NO. NS-16

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
5 GP	73		18	Same as above.			13.4	
							12.7	Soil sample collected from 19-20 feet at 18:13
			20	Same as above.	SM			Low recovery due to rock in sampler, collect soil sample from above
6 GP	48		22	Change to saturated at 22 feet below ground surface.				Temporary well screened from 19-24 feet, groundwater sample collected at 18:46
			24	End of boring at 24 feet below ground surface.				Heaving sands prevent collection of 24-28 foot sample interval
			26					
			28					
			30					
			32					
			34					
			36					

SOIL BORING LOG

RMT

BORING NO. NS-17

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
Former Tecumseh Products Company	9/17/10	9/17/10	8070.12

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
Terra Probe, Inc.	Direct Push	---	---	28.0	2

Boring Location: In the southwest corner of Building Area K, adjacent to Grid Location A13

Personnel
Logged By - Stacy Metz
Driller - Craig Tanicala

Drilling Equipment: Geoprobe Advance 66

Civil Town/City/or Village:	County:	State:
Tecumseh	Lenawee	MI

Water Level Observations:
While Drilling: Date/Time 9/17/10 00:00 ▽ Depth (ft bgs) 23.75
After Drilling: Date/Time Depth (ft bgs) NM

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1 GP	73		2	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, very dark brown (10YR 2/2), dry to moist, no odor, dense, fill.	SM		13.4	Soil sample collected from 0.5-2 feet at 19:06
				SANDY LEAN CLAY mostly clay, some fine to coarse sand, plastic, dark brown (10YR 3/3), moist, no odor, medium stiff to stiff.	CL		0.0	
			4	**SANDY LEAN CLAY WITH GRAVEL** mostly clay, some fine to coarse sand, little gravel, plastic, dark brown (10YR 3/3), moist, no odor, medium stiff to stiff.	CL		0.0	
2 GP	55		6	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, trace cobbles, dark yellowish brown (10YR 4/4), dry, no odor, medium dense.	SM		0.0	
			8	**SILTY SAND** mostly fine to coarse sand, little silt, few gravel, trace cobbles, dark yellowish brown (10YR 4/4), dry, no odor, medium dense.	SM		0.0	
3 GP	80		10				0.3	
			12	**SILTY SAND WITH GRAVEL** mostly fine to coarse sand, little silt, little gravel, trace cobbles, dark yellowish brown (10YR 4/4), dry, no odor, medium dense.	SM		0.0	
4 GP	65		14					
				SILTY SAND mostly fine to coarse sand, little silt, few gravel, trace cobbles, dark yellowish brown (10YR 4/4), dry, no odor, medium dense.	SM		0.0	

SOIL BORING WELL CONSTRUCTION LOG 8070.12_2010.GPJ RMT_CORP.GDT 8070.12 1/12/11

Signature:

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Checked By: John Bacon

SOIL BORING LOG

RMT

BORING NO. NS-17

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				Same as above.				
				Change to moist at 17 feet below ground surface.			0.0	
5 GP	75		18				0.0	
			20	Same as above.				
							0.0	
6 GP	80		22		SM			Soil sample collected from 22-23 feet at 19:10
							0.0	
			24	▽ Change to saturated at 23.75 feet below ground surface.				Temporary well screened from 23-28 feet, groundwater sample collected at 19:36
7 GP	73		26	Change to very dark grayish brown (10YR 3/2), petro odor at 25.5 feet below ground surface. Change to dark yellowish brown (10YR 4/4), no odor at 26.25 feet below ground surface.				
			28	End of boring at 28 feet below ground surface.				
			30					
			32					
			34					
			36					

Attachment 2

US EPA ARCHIVE DOCUMENT

RMT, Inc.
3754 Ranchero Drive
Ann Arbor, MI 48108
Attn: Ms. Stacy Metz

Passive Soil Gas Survey – Analytical Report
Date: August 26, 2010

Beacon Project No. 2333

Project Reference:	Former Tecumseh Products Site, Tecumseh, MI
Samplers Installed:	June 29 through July 1, 2010
Samplers Retrieved:	July 8, 2010
Sample Receipt Date:	July 9, 2010
Date Analyses Completed:	July 14, 2010

EPA Method 8260C
All samples were successfully analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation to target a custom compound list following EPA Method 8260C. Laboratory results are reported in micrograms (ug) of specific compound per sample.

Laboratory QA/QC procedures included internal standards, surrogates, and blanks appropriate to EPA Method 8260C. Analyses and reporting were done in accordance with BEACON's Quality Assurance Program Plan.

Reporting limits for EPA Method 8260C
The contract required quantification limit (CRQL) is 0.025 ug for individual compounds. **Table 1** provides survey results in micrograms per sampler by sample-point number and compound name. The quantification limit (<0.025 ug) represents a baseline above which results exceed laboratory-determined limits of precision and accuracy.

Calibration Verification
The continuing calibration verification (CCV) values for the analytes were all within ±30% of the true value as defined by the initial six point calibration and met the requirements specified in Beacon Environmental's Quality Assurance Project Plan.

Method Blanks/Trip Blanks
Laboratory method blanks are run with each sample batch to identify contamination present in the laboratory. If contamination is detected on a method blank, measurements of identical compounds in that sample batch are flagged in the laboratory report. The laboratory method blank analyzed in connection with the present samples revealed no contamination.

The trip blank is a sampling cartridge prepared, transported, and analyzed with other samples but intentionally not exposed. Any target compounds identified on the trip blanks are reported in the laboratory data. The analyses of the trip blanks (labeled Trip-1 through Trip-5 in Table 1) reported none of the targeted compounds.

US EPA ARCHIVE DOCUMENT

Passive Soil-Gas Survey Notes

When sample locations are covered with or near the edge of an artificial surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are often significantly higher than the concentrations would be if the surfacing were not present. Thus, a reading taken below or near an impermeable surface is much higher than it would be in the absence of such a cap. Therefore, the sample location conditions should be evaluated when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate survey and site information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times). BEACON recommends the guidelines stated in **Attachment 1** to establish a relationship between reported soil-gas measurements and actual subsurface contaminant concentrations, which will indicate those measurements representing significant subsurface contamination.

BEACON's passive soil-gas samplers are prepared with two sets of cartridges for subsequent duplicate or confirmatory sample analysis. At RMT's request, duplicate analysis was performed for eight (8) samples. The duplicate samples were designated with a "D" following the sample number. When comparing quantitative results, a duplicate correspondence should be considered when the relative percent difference (RPD) between the two samples is less than or equal to 100%. For the purpose of calculating correspondences, all non-detections should be assigned, as a baseline value, the CRQL for the specific contaminant. Based on these assumptions, a 96% correlation was found between the duplicate samples and their base samples.

Project Details

Samplers were deployed from June 29 through July 1, 2010, and were retrieved on July 8, 2010. **Attachment 2** describes the field procedures used. Individual deployment and retrieval times will be found in the Field Deployment Report (**Attachment 3**).

One-hundred fifty (150) field samples, eight (8) duplicates, and five (5) trip blanks were received by BEACON on July 9, 2010. Adsorbent cartridges from the passive samplers were thermally desorbed, then analyzed using gas chromatography/mass spectrometry (GC/MS) equipment, in accordance with EPA Method 8260C (Modified), as described in **Attachment 4.** BEACON's laboratory analyzed each sample for the targeted compounds; analyses were completed on July 14, 2010. Following a laboratory review, results were provided to RMT on July 16, 2010. The Chain-of-Custody form, which was shipped with the samples for this survey, is supplied as **Attachment 5**.

Sample locations are shown on Figure 1. The following table lists frequency of detections from the number of samples analyzed, the reporting limit, the maximum value measured and the order of magnitude over the reporting limit (OMRL) for each compound. The table also includes the transformation and interpolation method for the compound distribution maps provided.

US EPA ARCHIVE DOCUMENT

Figure No.	**2**	**3**	**4**
Compound	1,1,1-Trichloroethane	Trichloroethene	Trichloroethene and Breakdown Products
Frequency	147	150	150
Reporting Limit (micrograms)	0.025	0.025	0.025
Max Value (micrograms)	59.94	361.24	455.40
OMRL	3.38	4.16	4.26
Transformation Method	Log	Log	Log
Interpolation Method	Kriging	Kriging	Kriging

Note: OMRL is the order of magnitude over the reporting limit, which is defined as log (Max Value/Reporting Limit).

Attachments:

-1- Applying Results From Passive Soil-Gas Surveys
-2- Field Procedures
-3- Field Deployment Report
-4- Laboratory Procedures
-5- Chain-of-Custody Form

ALL DATA MEET REQUIREMENTS AS SPECIFIED IN THE BEACON ENVIRONMENTAL SERVICES, INC. QUALITY ASSURANCE PROJECT PLAN. RELEASE OF THE DATA CONTAINED IN THIS DATA PACKAGE HAS BEEN AUTHORIZED BY THE LABORATORY DIRECTOR OR HIS SIGNEE, AS VERIFIED BY THE FOLLOWING SIGNATURE:

Steven C. Thornley

Steven C. Thornley
Laboratory Director

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	001	002	003	004	005	006
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070913	10070914	10070915	10070916	10070917	10070918
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Time:	18:27	18:47	19:06	19:26	19:45	20:04
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.143**	**0.403**	**0.464**	**0.170**	**1.408**	**0.039**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.679**	**1.892**	**5.268**	**0.185**	**0.449**	**0.208**
Methylene Chloride	**0.027**	**0.050**	**0.101**	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.831**	**10.318**	**12.378**	**10.013**	**57.910**	**33.246**
1,1-Dichloroethane	**0.141**	**0.300**	**3.421**	**1.055**	<0.025	<0.025
cis-1,2-Dichloroethene	**3.224**	**13.454**	**23.620**	**33.407**	**214.818**	**26.547**
Chloroform	**0.250**	**0.662**	**3.835**	**0.124**	**0.031**	**0.030**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**5.492**	**5.589**	**32.104**	**0.492**	<0.025	**0.155**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**29.627**	**30.282**	**124.272**	**11.915**	**108.002**	**198.346**
1,1,2-Trichloroethane	**0.083**	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**2.346**	**5.384**	**6.478**	**0.750**	**1.622**	**6.523**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	007	008	009	010	011	012
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070919	10070920	10070921	10070922	10070923	10070924
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Time:	20:24	20:43	21:03	21:22	21:42	22:01
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.512**	**0.112**	**0.053**	**0.255**	**0.177**	**0.357**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**1.606**	**0.597**	**0.399**	**0.881**	**0.656**	**1.555**
Methylene Chloride	**0.088**	**0.036**	<0.025	<0.025	<0.025	**0.030**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**19.895**	**34.734**	**16.630**	**5.609**	**10.803**	**1.718**
1,1-Dichloroethane	**0.320**	**0.490**	**0.221**	**0.184**	**0.147**	**0.159**
cis-1,2-Dichloroethene	**30.582**	**9.249**	**15.093**	**13.648**	**24.928**	**4.090**
Chloroform	**0.831**	**0.939**	**0.373**	**0.361**	**0.370**	**0.052**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**4.120**	**4.709**	**1.922**	**10.491**	**8.457**	**2.878**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**120.868**	**66.006**	**48.275**	**56.687**	**105.157**	**22.137**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	**0.127**	<0.025	**0.044**
Tetrachloroethene	**2.376**	**2.429**	**1.175**	**2.220**	**1.761**	**1.694**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	013	014	015	016	017	018
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070925	10070926	10070927	10070928	10070929	10070930
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Time:	22:21	22:40	23:00	23:20	23:39	23:58
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.056**	**0.070**	**0.324**	**0.257**	**0.217**	**0.240**
Trichlorofluoromethane (Freon 11)	**0.088**	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.738**	**0.651**	**0.582**	**1.008**	**0.608**	**0.836**
Methylene Chloride	<0.025	<0.025	**0.040**	**0.038**	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.924**	**1.766**	**8.662**	**7.061**	**20.391**	**8.652**
1,1-Dichloroethane	**0.202**	**0.606**	**1.251**	**0.390**	**0.270**	**0.189**
cis-1,2-Dichloroethene	**1.491**	**4.265**	**29.259**	**4.217**	**6.159**	**10.884**
Chloroform	**0.172**	**0.160**	**0.058**	**0.198**	**0.229**	**0.201**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**8.044**	**4.413**	**1.066**	**3.574**	**3.344**	**3.538**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**15.677**	**18.878**	**19.739**	**26.806**	**90.443**	**63.289**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	**0.078**	<0.025
Tetrachloroethene	**0.359**	**0.239**	**0.302**	**1.442**	**3.668**	**1.338**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	019	020	020 D	021	022	023
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070931	10070932	10070933	10070934	10070935	10070936
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010
Analysis Time:	12:18	12:37	12:57	1:16	1:35	1:55
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.647**	**0.513**	**0.663**	**0.288**	**0.313**	**0.052**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**2.043**	**1.803**	**2.072**	**0.997**	**1.103**	**0.134**
Methylene Chloride	**0.042**	**0.056**	**0.030**	<0.025	**0.028**	**0.029**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**12.449**	**31.751**	**27.493**	**13.553**	**52.469**	**0.186**
1,1-Dichloroethane	**11.256**	**1.474**	**0.705**	**0.195**	<0.025	**0.062**
cis-1,2-Dichloroethene	**46.368**	**6.561**	**7.043**	**3.077**	**11.714**	**1.125**
Chloroform	**0.088**	**0.334**	**0.106**	**0.340**	**1.406**	**0.027**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**1.671**	**3.023**	**1.507**	**1.581**	**2.131**	**0.276**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**12.687**	**61.062**	**45.181**	**36.211**	**100.555**	**8.804**
1,1,2-Trichloroethane	<0.025	**0.069**	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.289**	**1.165**	**0.867**	**0.782**	**1.120**	**0.069**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	024	025	026	027	028	029
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070937	10070938	10070939	10070940	10070941	10070942
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010
Analysis Time:	2:14	2:34	2:53	3:13	3:32	3:52
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.081**	**0.044**	<0.025	**0.228**	**0.067**	**0.381**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.564**	**0.326**	**0.066**	**0.960**	**0.611**	<0.025
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.272**	**0.855**	**0.063**	**0.726**	**0.900**	**38.782**
1,1-Dichloroethane	**0.092**	**0.100**	**0.043**	**0.162**	**0.224**	<0.025
cis-1,2-Dichloroethene	**0.550**	**0.567**	**0.156**	**3.344**	**2.412**	**50.304**
Chloroform	**0.051**	**0.365**	**0.071**	**0.074**	**0.185**	**0.095**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**2.174**	**2.763**	**0.763**	**1.561**	**2.950**	**2.095**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**15.897**	**25.161**	**12.246**	**23.745**	**23.229**	**158.967**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.366**	**4.506**	**0.281**	**0.317**	**0.449**	**2.572**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	030	031	032	033	034	035
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070943	10070945	10070946	10070947	10070948	10070949
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010
Analysis Time:	4:11	4:50	5:10	5:29	5:49	6:08
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**2.399**	**0.432**	**0.633**	**19.489**	**0.321**	**0.057**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	<0.025	<0.025	**0.282**	**0.292**	<0.025	<0.025
Methylene Chloride	**0.028**	<0.025	<0.025	**0.035**	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**11.417**	**20.825**	**38.739**	**14.580**	**8.065**	**11.742**
1,1-Dichloroethane	**0.239**	**0.203**	<0.025	**0.212**	**0.082**	**0.096**
cis-1,2-Dichloroethene	**14.775**	**16.330**	**157.526**	**54.337**	**5.721**	**18.410**
Chloroform	**0.117**	**0.261**	<0.025	**0.052**	**0.081**	**0.090**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**2.174**	**1.392**	**0.173**	**0.350**	**2.859**	**2.063**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**72.611**	**75.957**	**183.765**	**12.150**	**73.875**	**133.273**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.325**	**0.387**	**5.053**	**0.088**	**0.860**	**1.508**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	036	037	038	039	040	040 D
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070950	10070951	10070952	10070953	10070954	10070955
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010	7/10/2010
Analysis Time:	6:28	6:47	7:06	7:26	7:45	8:05
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.042**	**0.063**	**0.135**	<0.025	<0.025	<0.025
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.299**	**0.635**	**0.579**	<0.025	**0.114**	**0.106**
Methylene Chloride	<0.025	<0.025	<0.025	**0.118**	**0.053**	**0.046**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**4.237**	**1.639**	**1.160**	**0.033**	**0.733**	**0.548**
1,1-Dichloroethane	**0.095**	**0.309**	**0.388**	**0.042**	<0.025	<0.025
cis-1,2-Dichloroethene	**7.008**	**2.860**	**2.710**	**0.160**	**0.997**	**0.712**
Chloroform	**0.100**	**0.175**	**0.230**	<0.025	<0.025	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**3.499**	**6.255**	**5.813**	**0.335**	**0.101**	**0.107**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**55.630**	**43.455**	**45.131**	**3.649**	**7.982**	**7.391**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.390**	**0.229**	**0.474**	<0.025	**2.055**	**1.788**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	041	042	043	044	045	046
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10070956	10070957	10070958	10071205	10071206	10071207
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/10/2010	7/10/2010	7/10/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	8:24	8:44	9:03	12:19	12:39	12:58
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.058**	**0.093**	**0.041**	<0.025	**0.177**	<0.025
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	<0.025	<0.025	**0.183**	**0.092**	**0.553**	**0.292**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	**0.043**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**3.626**	**6.719**	**10.407**	**0.868**	**1.518**	**4.738**
1,1-Dichloroethane	<0.025	<0.025	**0.032**	**0.077**	**0.341**	**0.446**
cis-1,2-Dichloroethene	**1.544**	**1.660**	**2.080**	**1.167**	**4.677**	**6.306**
Chloroform	<0.025	<0.025	**0.036**	**0.029**	**0.086**	**0.517**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.084**	**0.049**	**0.125**	**0.184**	**0.793**	**2.490**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**27.813**	**20.882**	**44.656**	**6.169**	**10.957**	**22.666**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**3.395**	**6.247**	**5.411**	**6.661**	**2.057**	**0.720**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	047	048	049	050	051	052
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071208	10071209	10071210	10071211	10071212	10071213
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	13:17	13:37	13:56	14:15	14:34	14:54
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.099**	**0.070**	<0.025	**0.194**	**0.037**	**0.083**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	<0.025	**0.435**	**0.117**	**0.392**	<0.025	**0.394**
Methylene Chloride	**0.032**	<0.025	<0.025	**0.039**	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**2.089**	**0.727**	**0.030**	**5.400**	**4.119**	**0.715**
1,1-Dichloroethane	**0.199**	**0.069**	<0.025	**0.057**	<0.025	**0.186**
cis-1,2-Dichloroethene	**6.059**	**4.042**	**0.094**	**6.690**	**9.291**	**2.989**
Chloroform	**0.131**	**0.232**	<0.025	**0.369**	**0.183**	**0.113**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**2.069**	**1.225**	**0.088**	**0.195**	**0.203**	**1.972**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**33.308**	**23.813**	**6.041**	**42.150**	**88.449**	**34.056**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**2.646**	**3.647**	**0.260**	**1.041**	**2.106**	**3.818**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	053	054	055	056	057	058
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071214	10071215	10071216	10071217	10071218	10071219
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	15:13	15:33	15:52	16:12	16:31	16:51
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	<0.025	<0.025	<0.025	**0.090**	**0.421**	**0.256**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	**0.088**	<0.025
1,1-Dichloroethene	**0.182**	<0.025	**0.126**	**1.879**	**10.721**	**2.633**
Methylene Chloride	**0.034**	<0.025	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.028**	**0.084**	**0.105**	**0.523**	**0.406**	**0.635**
1,1-Dichloroethane	**0.080**	<0.025	**0.067**	**0.224**	**2.956**	**0.873**
cis-1,2-Dichloroethene	**0.055**	**0.353**	**1.730**	**2.084**	**1.642**	**9.392**
Chloroform	<0.025	<0.025	**0.119**	**0.161**	**1.001**	**0.126**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.698**	**0.108**	**0.172**	**17.542**	**52.045**	**30.970**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**6.915**	**9.992**	**17.249**	**64.890**	**132.590**	**139.130**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.204**	**0.349**	**4.034**	**0.601**	**1.004**	**4.740**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	059	060	060 D	061	062	063
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071220	10071221	10071222	10071224	10071225	10071226
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	17:10	17:30	17:49	18:28	18:48	19:07
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.113**	<0.025	**0.082**	<0.025	**0.365**	**0.149**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**2.206**	**0.373**	**2.086**	**0.180**	**2.178**	**0.748**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.345**	**1.027**	**1.208**	**0.198**	**1.324**	**1.110**
1,1-Dichloroethane	**0.114**	**0.060**	**0.121**	<0.025	**0.305**	**0.124**
cis-1,2-Dichloroethene	**3.674**	**17.741**	**14.222**	**0.411**	**8.130**	**12.889**
Chloroform	**0.072**	**0.081**	**0.072**	<0.025	**0.079**	**0.074**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**10.251**	**9.281**	**14.589**	**3.797**	**8.048**	**19.397**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**103.843**	**149.227**	**146.961**	**22.014**	**94.691**	**130.559**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**5.180**	**1.807**	**2.443**	**0.485**	**0.512**	**0.830**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	064	065	066	067	068	069
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071227	10071228	10071229	10071230	10071231	10071232
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	19:27	19:46	20:06	20:25	20:44	21:04
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.133**	<0.025	**0.065**	**0.154**	**0.072**	**0.128**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**1.802**	**0.112**	**0.324**	**1.030**	**0.773**	**0.875**
Methylene Chloride	**0.032**	<0.025	<0.025	**0.120**	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.208**	**0.103**	**0.195**	**3.678**	**2.537**	**1.565**
1,1-Dichloroethane	**0.182**	<0.025	**0.190**	**0.331**	**0.406**	**0.311**
cis-1,2-Dichloroethene	**6.340**	**0.351**	**0.517**	**10.226**	**5.714**	**2.794**
Chloroform	**0.102**	<0.025	**0.116**	**0.199**	**0.353**	**0.132**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**18.267**	**0.391**	**2.895**	**2.236**	**17.682**	**4.600**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**55.956**	**7.061**	**14.219**	**43.536**	**58.436**	**37.149**
1,1,2-Trichloroethane	**0.494**	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.982**	**0.160**	**0.435**	**4.440**	**2.458**	**2.450**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	070	071	072	073	074	075
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071233	10071234	10071235	10071236	10071237	10071238
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010	7/12/2010
Analysis Time:	21:24	21:43	22:03	22:22	22:42	23:01
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.111**	**0.219**	<0.025	**0.046**	**0.067**	**0.040**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.529**	**1.183**	**0.052**	**0.208**	**0.428**	**0.447**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	**0.037**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**1.334**	**2.126**	**0.165**	**0.053**	**0.183**	**0.275**
1,1-Dichloroethane	**0.228**	**0.280**	<0.025	<0.025	**0.145**	**0.063**
cis-1,2-Dichloroethene	**5.711**	**9.298**	**0.352**	**0.067**	**1.483**	**0.866**
Chloroform	**0.192**	**0.185**	<0.025	<0.025	**0.077**	**0.063**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**3.520**	**4.155**	**0.169**	**0.357**	**1.341**	**3.543**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**24.986**	**34.502**	**9.134**	**13.450**	**23.610**	**45.620**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**1.318**	**1.610**	**0.264**	**0.555**	**3.167**	**7.265**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	076	077	078	079	080	080 D
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071239	10071240	10071241	10071242	10071243	10071244
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/12/2010	7/12/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	23:21	23:40	12:00	12:19	12:39	12:58
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.478**	**1.454**	**0.040**	**0.086**	**0.162**	**0.222**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	<0.025	**0.445**	**0.087**	**0.672**	**2.134**	**0.929**
Methylene Chloride	<0.025	<0.025	**0.131**	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**12.893**	**30.279**	**1.201**	**0.077**	**0.904**	**1.271**
1,1-Dichloroethane	<0.025	<0.025	**3.635**	**0.140**	**1.814**	**0.237**
cis-1,2-Dichloroethene	**60.904**	**97.472**	**13.933**	**0.688**	**20.368**	**16.046**
Chloroform	**0.098**	**0.026**	<0.025	**0.199**	**1.776**	**0.177**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.098**	<0.025	**0.226**	**3.404**	**18.661**	**7.136**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**201.499**	**68.149**	**10.835**	**23.533**	**205.071**	**94.489**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**50.475**	**3.995**	**0.923**	**2.893**	**11.357**	**8.650**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	081	082	083	084	085	086
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071245	10071246	10071247	10071248	10071249	10071250
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	1:17	1:37	1:56	2:16	2:35	2:55
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.036**	<0.025	<0.025	**0.202**	**0.183**	**0.245**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.391**	<0.025	<0.025	<0.025	**1.171**	**1.181**
Methylene Chloride	<0.025	**0.074**	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.390**	<0.025	**0.880**	**3.649**	**3.045**	**2.014**
1,1-Dichloroethane	**0.407**	<0.025	**0.066**	**0.225**	**0.100**	**0.173**
cis-1,2-Dichloroethene	**7.330**	**0.035**	**1.958**	**7.115**	**10.782**	**9.984**
Chloroform	**0.264**	<0.025	**0.060**	**0.223**	**0.096**	**0.196**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**4.933**	**0.119**	**1.210**	**5.753**	**9.276**	**25.224**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**53.659**	**1.583**	**19.706**	**76.962**	**141.942**	**146.496**
1,1,2-Trichloroethane	**0.214**	<0.025	<0.025	<0.025	<0.025	**0.749**
Tetrachloroethene	**4.279**	**0.133**	**2.784**	**6.121**	**4.370**	**4.924**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	087	088	089	090	091	092
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071251	10071252	10071253	10071254	10071256	10071257
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	3:15	3:34	3:54	4:13	4:52	5:12
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.219**	**0.817**	**0.087**	**0.432**	**0.223**	**0.129**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**1.243**	**6.089**	**1.833**	**3.408**	**1.106**	**0.824**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**1.661**	**0.742**	**0.696**	**1.069**	**0.582**	**0.171**
1,1-Dichloroethane	**0.185**	**0.949**	**0.505**	**0.448**	**0.142**	**0.233**
cis-1,2-Dichloroethene	**13.150**	**5.673**	**6.329**	**11.317**	**9.890**	**0.989**
Chloroform	**0.263**	**0.057**	**0.473**	**0.350**	**0.181**	**1.123**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**9.920**	**15.985**	**24.337**	**9.141**	**5.457**	**9.747**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**133.746**	**28.686**	**57.774**	**86.598**	**66.786**	**46.240**
1,1,2-Trichloroethane	**0.704**	<0.025	**0.443**	<0.025	**0.395**	**0.352**
Tetrachloroethene	**3.966**	**4.173**	**5.788**	**5.652**	**5.697**	**2.506**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	093	094	095	096	097	098
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071258	10071259	10071260	10071261	10071262	10071263
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	5:31	5:51	6:10	6:30	6:49	7:08
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.134**	**0.240**	**0.219**	**0.046**	**0.126**	**0.457**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**1.702**	**1.648**	**1.896**	**2.004**	**3.059**	**5.010**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	**0.046**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**2.405**	**0.081**	**1.609**	**5.020**	**3.629**	**3.845**
1,1-Dichloroethane	**0.210**	**0.202**	**1.173**	**0.115**	**0.171**	**0.210**
cis-1,2-Dichloroethene	**14.163**	**0.539**	**6.163**	**24.937**	**16.705**	**21.267**
Chloroform	**0.386**	**0.036**	**0.254**	**0.110**	**0.157**	**0.132**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**36.949**	**5.528**	**26.226**	**12.734**	**59.939**	**49.431**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**160.638**	**16.461**	**81.608**	**206.698**	**205.997**	**204.801**
1,1,2-Trichloroethane	**0.587**	<0.025	**0.230**	**1.848**	**2.417**	**1.181**
Tetrachloroethene	**4.921**	**1.043**	**2.638**	**4.153**	**8.406**	**5.891**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	099	100	100 D	101	102	103
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071264	10071265	10071266	10071267	10071268	10071269
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	7:28	7:47	8:07	8:26	8:46	9:05
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.439**	**0.172**	**0.157**	**0.242**	**0.263**	**0.580**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**6.508**	**2.886**	**2.187**	**1.752**	**1.480**	**3.175**
Methylene Chloride	**0.095**	**0.058**	<0.025	<0.025	**0.035**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**2.123**	**2.303**	**1.877**	**1.248**	**0.628**	**1.155**
1,1-Dichloroethane	**1.000**	**0.525**	**0.441**	**0.460**	**0.531**	**0.397**
cis-1,2-Dichloroethene	**11.396**	**10.852**	**7.697**	**8.658**	**3.306**	**4.018**
Chloroform	**0.276**	**0.191**	**0.121**	**0.167**	**0.108**	**0.211**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**55.997**	**11.015**	**9.699**	**45.785**	**8.234**	**12.515**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**128.988**	**186.627**	**168.118**	**133.820**	**40.269**	**161.307**
1,1,2-Trichloroethane	**0.553**	**0.299**	<0.025	<0.025	<0.025	**0.528**
Tetrachloroethene	**2.585**	**1.678**	**3.252**	**3.115**	**0.599**	**3.383**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	104	105	106	107	108	109
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071270	10071271	10071272	10071273	10071274	10071309
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	9:25	9:44	10:04	10:24	10:43	14:41
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.092**	**0.126**	**0.333**	**0.319**	**0.335**	**0.284**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	**0.084**
1,1-Dichloroethene	**1.018**	**1.866**	**2.949**	**1.152**	**4.719**	**0.670**
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	**0.061**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.453**	<0.025	**0.490**	**0.408**	**0.150**	**2.140**
1,1-Dichloroethane	**0.975**	**0.812**	**0.757**	**1.739**	**2.344**	**0.345**
cis-1,2-Dichloroethene	**3.475**	**0.868**	**1.113**	**6.636**	**0.723**	**14.311**
Chloroform	**0.159**	**0.095**	**0.223**	**0.153**	**0.191**	**0.117**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**25.644**	**19.390**	**37.486**	**46.814**	**27.563**	**4.186**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**70.510**	**24.977**	**97.364**	**126.741**	**29.486**	**52.260**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**2.361**	**1.554**	**0.907**	**2.024**	**0.914**	**3.323**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	110	111	112	113	114	115
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071310	10071311	10071312	10071313	10071314	10071315
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	15:01	15:20	15:40	15:59	16:19	16:38
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.359**	**0.328**	**0.068**	<0.025	**0.168**	**0.091**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	**0.086**	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.246**	**1.825**	**0.228**	**0.110**	**1.263**	<0.025
Methylene Chloride	**0.043**	**0.085**	**0.062**	**0.025**	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**7.206**	**0.253**	**0.245**	**0.249**	**0.435**	**0.350**
1,1-Dichloroethane	**0.133**	**0.827**	**0.037**	**0.052**	**0.244**	<0.025
cis-1,2-Dichloroethene	**108.271**	**1.688**	**5.544**	**0.726**	**1.369**	**0.150**
Chloroform	**0.043**	**0.041**	<0.025	<0.025	**0.069**	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	<0.025	**7.217**	**1.052**	**0.751**	**12.829**	**0.158**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**38.649**	**17.096**	**25.064**	**12.662**	**31.050**	**41.089**
1,1,2-Trichloroethane	<0.025	**0.063**	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.066**	**4.587**	**0.589**	**0.631**	**2.205**	**0.252**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	116	117	118	119	120	120 D
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071316	10071317	10071318	10071319	10071320	10071321
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	16:58	17:18	17:37	17:57	18:16	18:36
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.046**	<0.025	**0.110**	**0.138**	**0.257**	**0.183**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.185**	**0.717**	**0.522**	**0.598**	**0.603**	**0.518**
Methylene Chloride	<0.025	<0.025	<0.025	**0.076**	**0.036**	**0.034**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	<0.025	**0.286**	**0.033**	**5.589**	**2.890**	**2.556**
1,1-Dichloroethane	<0.025	**0.030**	**0.092**	**0.168**	**0.108**	**0.096**
cis-1,2-Dichloroethene	**0.035**	**1.703**	**0.194**	**19.574**	**26.387**	**23.304**
Chloroform	<0.025	**0.099**	**0.031**	**0.180**	**0.040**	**0.035**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**1.555**	**17.791**	**9.018**	**15.278**	**0.725**	**0.614**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**14.970**	**64.747**	**13.084**	**45.157**	**40.753**	**35.905**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.187**	**3.059**	**0.834**	**8.481**	**7.881**	**6.855**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	121	122	123	124	125	126
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071322	10071323	10071324	10071325	10071326	10071327
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	18:55	19:14	19:34	19:53	20:13	20:32
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.094**	**0.064**	**0.025**	<0.025	<0.025	**0.242**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	**0.033**	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.124**	**0.386**	**0.245**	<0.025	**0.076**	**0.486**
Methylene Chloride	<0.025	**1.080**	**0.052**	<0.025	**0.043**	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**2.992**	**1.636**	<0.025	<0.025	<0.025	**5.485**
1,1-Dichloroethane	**0.035**	<0.025	<0.025	<0.025	<0.025	**0.035**
cis-1,2-Dichloroethene	**29.644**	**13.278**	**0.059**	<0.025	<0.025	**18.938**
Chloroform	<0.025	**0.191**	<0.025	<0.025	<0.025	**0.028**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.069**	**0.804**	**1.392**	**0.233**	**0.762**	**0.196**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**26.585**	**82.246**	**3.930**	**3.480**	**5.382**	**33.626**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**11.514**	**31.411**	**0.321**	**0.729**	**2.455**	**14.968**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	127	128	129	130	131	132
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071328	10071329	10071330	10071331	10071332	10071333
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	20:52	21:11	21:30	21:50	22:09	22:29
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	<0.025	**0.059**	**0.098**	**0.080**	**0.041**	<0.025
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.047**	**0.119**	**0.172**	**0.464**	**0.256**	**0.136**
Methylene Chloride	**0.026**	<0.025	**0.028**	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.270**	**0.259**	<0.025	**0.071**	**0.176**	<0.025
1,1-Dichloroethane	**0.028**	<0.025	**0.040**	<0.025	<0.025	<0.025
cis-1,2-Dichloroethene	**1.048**	**1.267**	<0.025	**0.206**	**0.511**	<0.025
Chloroform	**0.100**	<0.025	<0.025	<0.025	**0.050**	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.087**	**0.425**	**6.347**	**0.410**	**0.832**	**0.386**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**14.303**	**11.900**	**5.045**	**16.207**	**35.628**	**7.543**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.333**	**2.172**	**0.326**	**2.923**	**4.074**	**2.631**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	133	134	135	136	137	138
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071334	10071335	10071336	10071337	10071338	10071339
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/13/2010	7/13/2010	7/13/2010	7/13/2010	7/14/2010	7/14/2010
Analysis Time:	22:48	23:08	23:27	23:47	12:07	12:26
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.180**	**0.159**	**0.096**	**0.706**	**0.822**	**0.051**
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	**0.033**
1,1-Dichloroethene	**0.687**	**0.426**	**1.761**	**5.320**	**2.100**	**1.118**
Methylene Chloride	**0.040**	**0.026**	<0.025	**0.042**	**0.037**	**0.052**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.171**	**0.240**	**0.485**	**1.682**	**31.027**	**1.406**
1,1-Dichloroethane	**0.093**	**0.080**	**0.212**	**0.430**	**0.673**	**0.257**
cis-1,2-Dichloroethene	**0.429**	**0.127**	**0.520**	**23.312**	**105.980**	**1.582**
Chloroform	**0.043**	<0.025	**0.268**	**0.093**	**0.146**	**0.174**
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**2.161**	**5.565**	**22.296**	**29.121**	**4.266**	**44.205**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**32.172**	**23.576**	**55.943**	**47.715**	**124.017**	**21.227**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	**0.981**	<0.025
Tetrachloroethene	**6.142**	**3.924**	**6.499**	**7.315**	**5.340**	**1.436**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	139	140	140 D	141	142	143
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071340	10071341	10071342	10071343	10071344	10071345
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/14/2010
Analysis Time:	12:45	1:05	1:24	1:44	2:03	2:23
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.542**	**0.171**	**0.098**	**0.172**	**0.076**	**0.049**
Trichlorofluoromethane (Freon 11)	<0.025	**0.045**	**0.050**	<0.025	**0.042**	**0.025**
1,1-Dichloroethene	**0.875**	**0.960**	**0.792**	**0.220**	**0.179**	**0.233**
Methylene Chloride	**0.037**	<0.025	<0.025	**0.158**	<0.025	**0.031**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**5.610**	**1.122**	**0.999**	**4.625**	**0.188**	**0.168**
1,1-Dichloroethane	**0.218**	**0.123**	**0.076**	**0.160**	**0.090**	**0.108**
cis-1,2-Dichloroethene	**24.413**	**0.225**	**0.161**	**33.795**	**0.141**	**0.492**
Chloroform	<0.025	**0.478**	**0.530**	**0.046**	**0.102**	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.172**	**9.802**	**11.632**	**0.108**	**6.750**	**0.550**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**32.175**	**82.165**	**80.381**	**35.782**	**41.656**	**10.930**
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**1.190**	**3.844**	**3.615**	**8.962**	**1.369**	**0.193**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	144	145	146	147	148	149
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071346	10071347	10071348	10071349	10071350	10071351
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/14/2010
Analysis Time:	2:42	3:01	3:21	3:40	4:00	4:19
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.421**	**0.115**	**0.202**	**0.324**	**0.363**	**0.538**
Trichlorofluoromethane (Freon 11)	<0.025	**0.039**	**0.104**	**0.046**	**0.248**	<0.025
1,1-Dichloroethene	**2.393**	**0.597**	**1.308**	**2.120**	**1.589**	**0.172**
Methylene Chloride	**0.038**	<0.025	<0.025	**0.054**	<0.025	**0.063**
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**23.628**	**0.191**	**0.143**	**0.499**	**0.535**	**4.681**
1,1-Dichloroethane	**0.058**	**0.090**	**0.225**	**0.103**	**0.651**	**2.582**
cis-1,2-Dichloroethene	**67.712**	**0.505**	**0.222**	**1.166**	**0.658**	**36.430**
Chloroform	**0.111**	**0.090**	**0.120**	**0.150**	**0.142**	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**1.418**	**8.033**	**5.768**	**3.975**	**9.616**	**0.604**
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**361.241**	**50.102**	**44.817**	**44.917**	**12.221**	**4.625**
1,1,2-Trichloroethane	**0.503**	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**2.071**	**1.108**	**2.155**	**1.096**	**0.108**	**0.136**
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	150	150 D	Trip-1	Trip-2	Trip-3	Trip-4
Project Number:	2333	2333	2333	2333	2333	2333
Lab File ID:	10071352	10071353	10070912	10071305	10071306	10071307
Received Date:	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010	7/9/2010
Analysis Date:	7/14/2010	7/14/2010	7/9/2010	7/13/2010	7/13/2010	7/13/2010
Analysis Time:	4:39	4:59	18:08	13:23	13:43	14:02
Units:	µg	µg	µg	µg	µg	µg
COMPOUNDS						
Vinyl Chloride	**0.049**	<0.025	<0.025	<0.025	<0.025	<0.025
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	**0.219**	**0.182**	<0.025	<0.025	<0.025	<0.025
Methylene Chloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	**0.046**	**0.050**	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethane	**0.031**	<0.025	<0.025	<0.025	<0.025	<0.025
cis-1,2-Dichloroethene	**0.136**	**0.147**	<0.025	<0.025	<0.025	<0.025
Chloroform	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	**0.998**	**0.594**	<0.025	<0.025	<0.025	<0.025
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethene	**13.341**	**10.340**	<0.025	<0.025	<0.025	<0.025
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	**0.793**	**0.686**	<0.025	<0.025	<0.025	<0.025
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

US EPA ARCHIVE DOCUMENT

Table 1

Beacon Environmental Services, Inc.
323 Williams Street
Bel Air, MD 21014

Analysis by EPA Method 8260C (Modified)

Client Sample ID:	Trip-5	mb100709	mb100712	mb100713
Project Number:	2333			
Lab File ID:	10071308	10070903	10071203	10071303
Received Date:	7/9/2010			
Analysis Date:	7/13/2010	7/9/2010	7/12/2010	7/13/2010
Analysis Time:	14:22	15:09	11:36	12:40
Units:	µg	µg	µg	µg
COMPOUNDS				
Vinyl Chloride	<0.025	<0.025	<0.025	<0.025
Trichlorofluoromethane (Freon 11)	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethene	<0.025	<0.025	<0.025	<0.025
Methylene Chloride	<0.025	<0.025	<0.025	<0.025
112-Trichlorotrifluoroethane (Fr.113)	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethene	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethane	<0.025	<0.025	<0.025	<0.025
cis-1,2-Dichloroethene	<0.025	<0.025	<0.025	<0.025
Chloroform	<0.025	<0.025	<0.025	<0.025
1,2-Dichloroethane	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	<0.025	<0.025	<0.025	<0.025
Carbon Tetrachloride	<0.025	<0.025	<0.025	<0.025
Trichloroethene	<0.025	<0.025	<0.025	<0.025
1,1,2-Trichloroethane	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	<0.025	<0.025	<0.025	<0.025
1,1,1,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	<0.025	<0.025	<0.025	<0.025
1,1,2,2-Tetrachloroethane	<0.025	<0.025	<0.025	<0.025

Results in micrograms (ug). J = Estimated value less than five (5) times the method detection limit. B = Detected in method blank.

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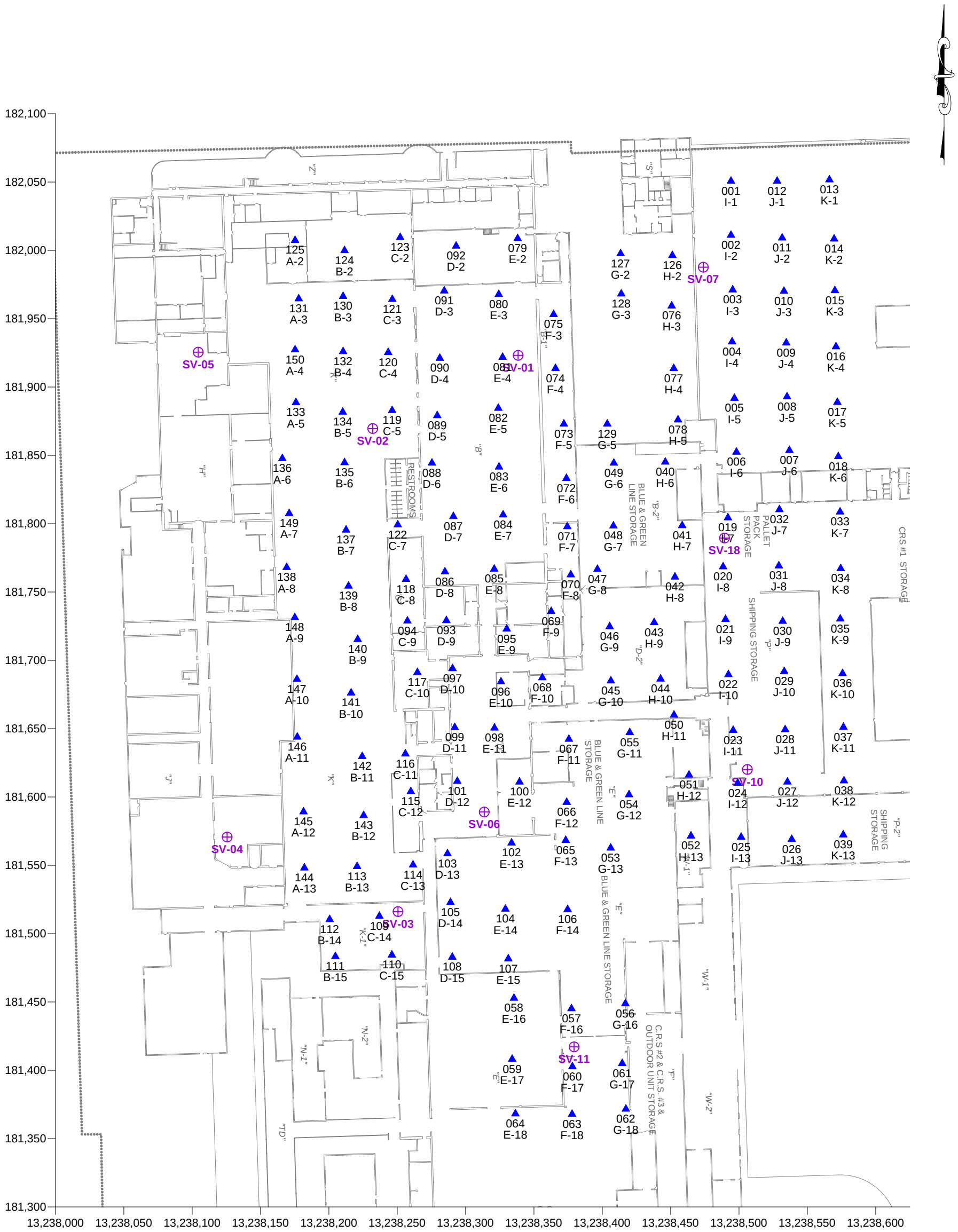


PASSIVE SOIL-GAS SAMPLE LOCATION
001 (Sample Lab ID)
I-1 (Grid Location)

SV-01 ACTIVE SOIL-GAS SAMPLE LOCATION
RMT Sampled Oct. 2009 and Jan. 2010

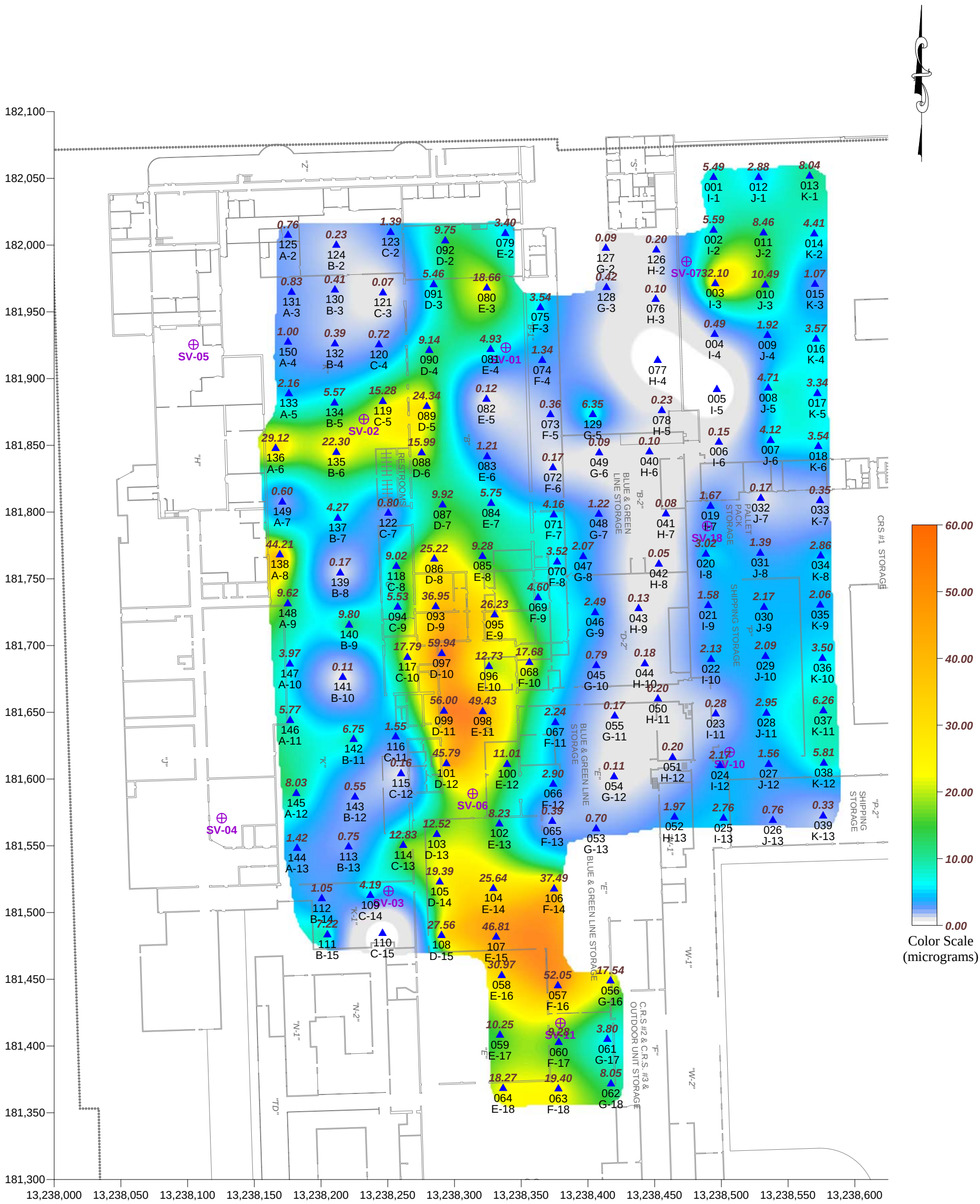
Scale in Feet
0 75 150

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Bel Air, MD, 800-878-5510
Beacon Project No. 2333, July 2010

Figure 1
Passive Soil-Gas Survey Sample Locations

Former Tecumseh Products Site
Tecumseh, MI

US EPA ARCHIVE DOCUMENT



10.00 1,1,1-TRICHLOROETHANE (micrograms)

▲ PASSIVE SOIL-GAS SAMPLE LOCATION
001 (Sample Lab ID)
I-1 (Grid Location)

⊕ ACTIVE SOIL-GAS SAMPLE LOCATION
SV-01 RMT Sampled Oct. 2009 and Jan. 2010

Scale in Feet

0 75 150

BEACON ENVIRONMENTAL SERVICES, INC.

323 Williams Street, Bel Air, MD, 800-878-5510

Beacon Project No. 2333, July 2010

Figure 2
Passive Soil-Gas Survey
1,1,1-Trichloroethane

Former Tecumseh Products Site
Tecumseh, MI

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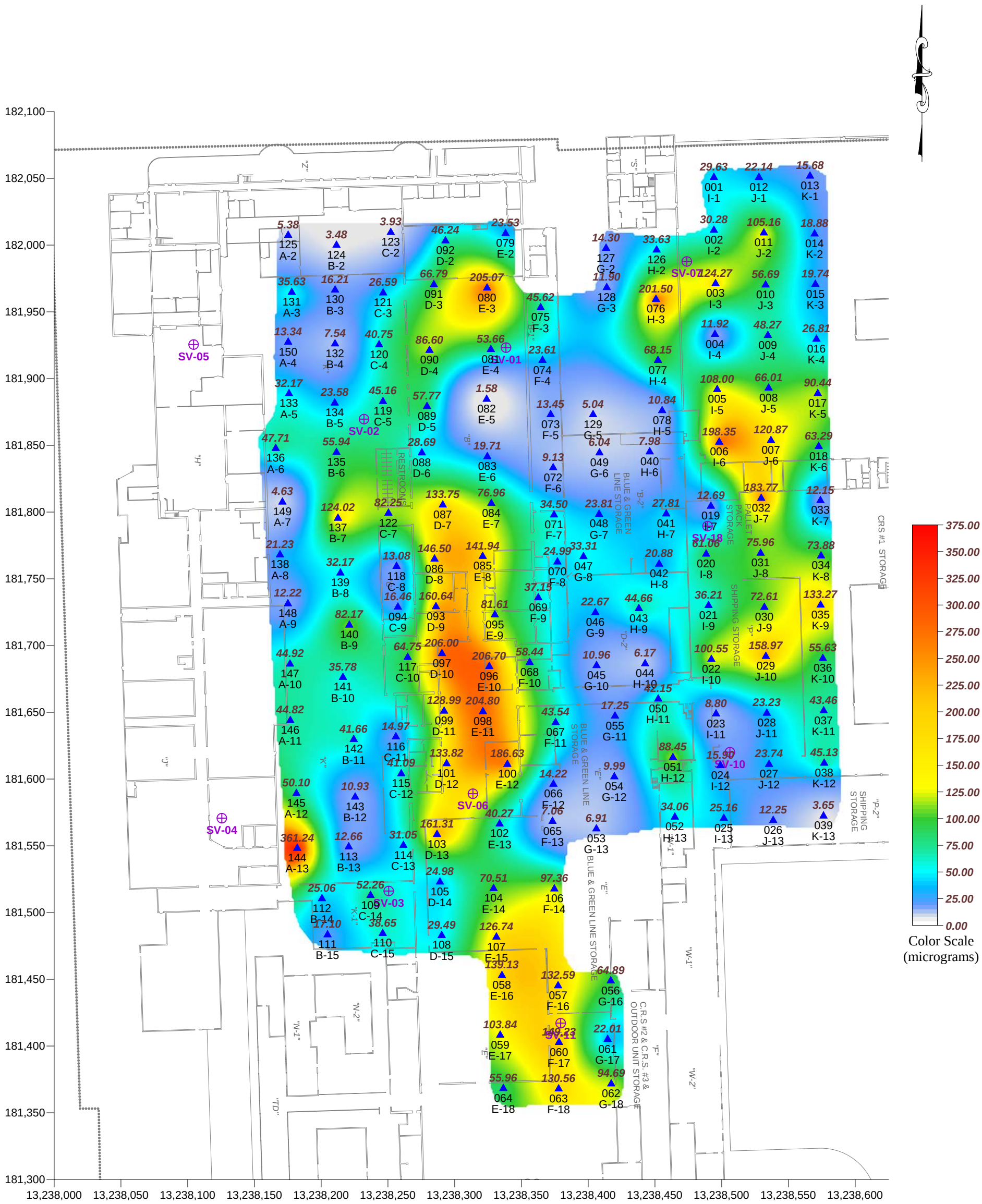


10.00 TRICHLOROETHENE (micrograms)

▲ PASSIVE SOIL-GAS SAMPLE LOCATION
001 (Sample Lab ID)
I-1 (Grid Location)

⊕ ACTIVE SOIL-GAS SAMPLE LOCATION
SV-01 RMT Sampled Oct. 2009 and Jan. 2010

Scale in Feet

0 75 150

BEACON ENVIRONMENTAL SERVICES, INC.

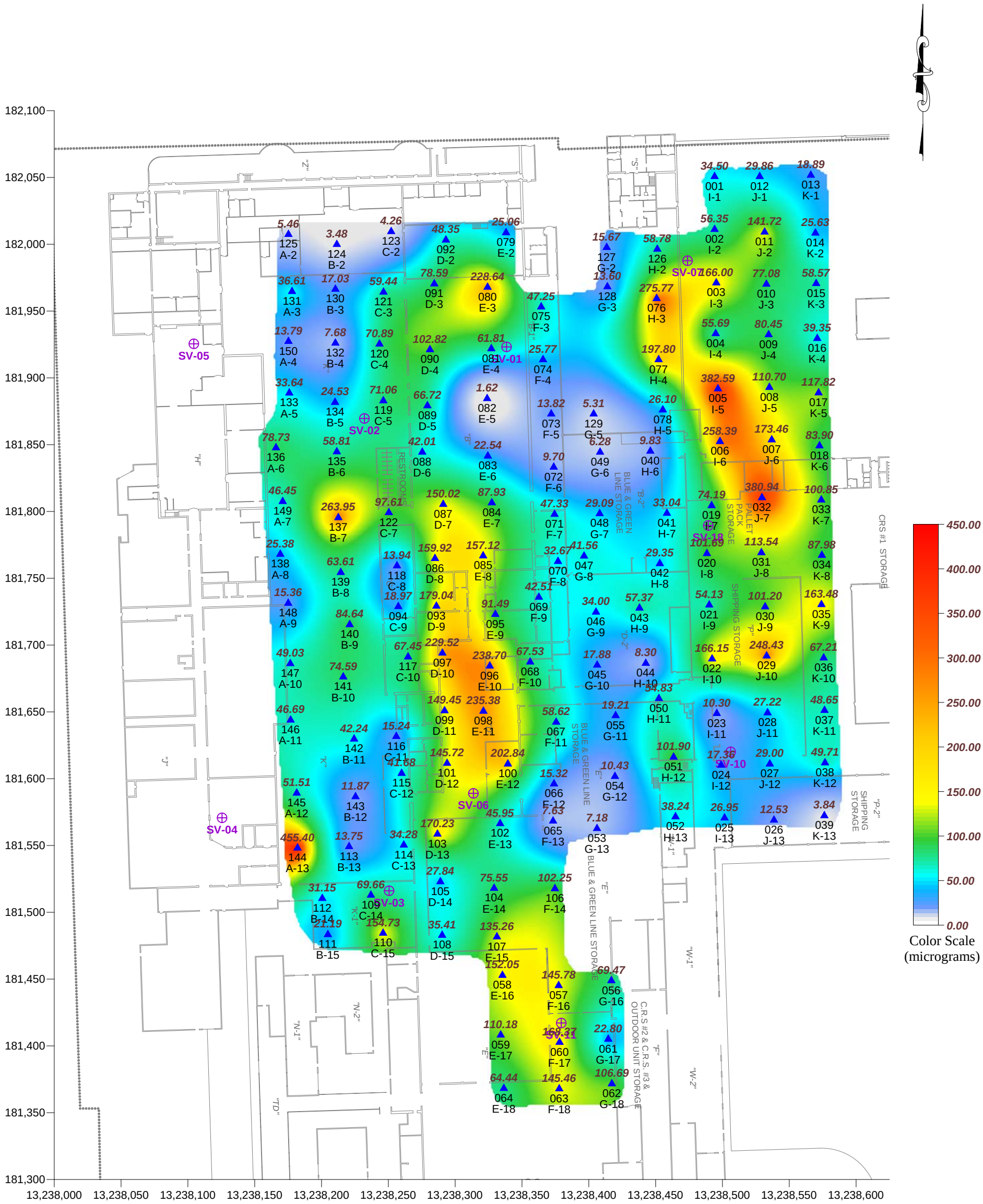
323 Williams Street, Bel Air, MD, 800-878-5510

Beacon Project No. 2333, July 2010

Figure 3
Passive Soil-Gas Survey
Trichloroethene

Former Tecumseh Products Site
Tecumseh, MI

US EPA ARCHIVE DOCUMENT



10.00 TRICHLOROETHENE (TCE) and BREAKDOWN PRODUCTS (micrograms)

▲ PASSIVE SOIL-GAS SAMPLE LOCATION
001 (Sample Lab ID)
I-1 (Grid Location)

⊕ ACTIVE SOIL-GAS SAMPLE LOCATION
SV-01 RMT Sampled Oct. 2009 and Jan. 2010

Scale in Feet

0 75 150

BEACON ENVIRONMENTAL SERVICES, INC.

323 Williams Street, Bel Air, MD, 800-878-5510

Beacon Project No. 2333, July 2010

Figure 4
Passive Soil-Gas Survey
TCE and Breakdown Products Site

Former Tecumseh Products
Tecumseh, MI

US EPA ARCHIVE DOCUMENT

Attachments

US EPA ARCHIVE DOCUMENT

Attachment 1

APPLYING RESULTS FROM PASSIVE SOIL-GAS SURVEYS

The utility of soil-gas surveys is directly proportional to their accuracy in reflecting and representing changes in the subsurface concentrations of source compounds. Passive soil-gas survey results are the mass collected from the vapor-phase emanating from the source(s). The vapor-phase is merely a fractional trace of the source(s) and, as a matter of convenience, the units used in reporting detection values from passive soil-gas surveys are smaller than those employed for source-compound concentrations.

The critical fact is that, whatever the relative concentrations of source and associated soil gas, best results are realized when the ratio of soil-gas measurements to actual subsurface concentrations remains as close to constant as the real world permits. It is the reliability and consistency of this ratio, not the particular units of mass (*e.g.*, micrograms) that determine usefulness. Thus, BEACON emphasizes the necessity of conducting — at minimum — follow-on intrusive sampling in areas that show relatively high soil-gas measurements to obtain corresponding concentrations of soil and groundwater contaminants. These correspondent values furnish the basis for approximating a relationship. For extrapolating passive soil gas results to vapor intrusion evaluations, we recommend a minimum of three passive soil gas locations be converted to a shallow vapor well then sampled using an active soil gas method. Once a relationship is established, it can be used in conjunction with the remaining soil-gas measurements to estimate subsurface contaminant concentrations across the survey field. (See www.beacon-usa.com/passivesoilgas.html, Publication 1: *Mass to Concentration Tie-In for PSG Surveys* and Publication 4: *Groundwater and PSG Correlation*.) It is important to keep in mind, however, that specific conditions at individual sample points, including soil porosity and permeability, depth to contamination, and perched ground water, can have an impact on soil-gas measurements at those locations.

When passive soil-gas surveys are utilized as described above, the data provide information that can yield substantial savings in drilling costs and in time. They furnish, among other things, a checklist of compounds expected at each survey location and help to determine how and where drilling budgets can most effectively be spent. Passive soil-gas surveys can also be used as a remediation or general site monitoring tool that can be implemented on a quarterly, semi-annual or annual basis.

US EPA ARCHIVE DOCUMENT

Attachment 2

FIELD PROCEDURES FOR
PASSIVE SOIL-GAS SURVEYS

The following field procedures are routinely used during a BEACON Passive Soil-Gas Survey. Modifications can be and are incorporated from time to time in response to individual project requirements. In all instances, BEACON adheres to EPA-approved Quality Assurance and Quality Control practices.

A. Field personnel carry a BESURE Sample Collection Kit™ and support equipment to the site and deploy the passive samplers in a prearranged survey pattern. A passive sampler consists of a borosilicate glass vial containing hydrophobic adsorbent cartridges with a length of wire attached to the vial for retrieval. Although samplers require only one person for emplacement and retrieval, the specific number of field personnel required depends upon the scope and schedule of the project. Each Sampler emplacement generally takes less than two minutes.

B. At each survey point a field technician clears vegetation as needed and, using a hammer drill with a 1″- to 1½″-diameter bit, creates a hole 12 to 14 inches deep. [Note: For locations covered with asphalt, concrete, or gravel surfacing, the field technician drills a 1″- to 1½″-diameter hole through the surfacing to the soils beneath]. The technician then, using a hammer drill with a ½″ diameter bit, creates a hole three-feet deep. The hole is then sleeved with a 1″-diameter metal sleeve.

C. The technician then removes the solid plastic cap from a sampler and replaces it with a Sampling Cap (a plastic cap with a hole covered by screen meshing). The technician inserts the sampler, with the Sampling Cap end facing down, into the hole (**see attached figure**). The sampler is then covered with an aluminum foil plug and soils for uncapped locations or, for capped locations, an aluminum foil plug and a concrete patch. The sampler's location, time and date of emplacement, and other relevant information are recorded on the Field Deployment Form.

D. One or more trip blanks are included as part of the quality-control procedures.

E. Once all the samplers have been deployed, field personnel schedule sampler recovery and depart, taking all other equipment and materials with them.

F. Field personnel retrieve the samplers at the end of the exposure period. At each location, a field technician withdraws the sampler from its hole, removes the retrieval wire, and wipes the outside of the vial clean using gauze cloth; following removal of the Sampling Cap, the threads of the vial are also cleaned. A solid plastic cap is screwed onto the vial and the sample location number is written on the label. The technician then records sample-point location, date, time, etc. on the Field Deployment Form.

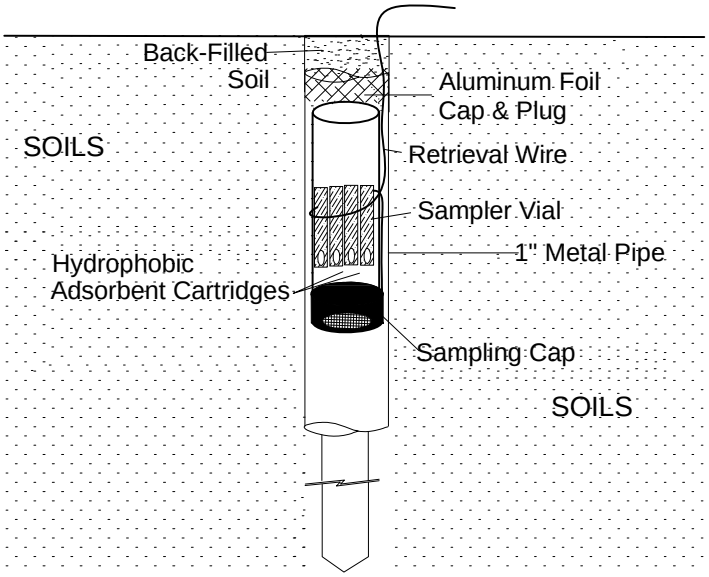
G. Sampling holes are refilled with soil, sand, or other suitable material. If samplers have been installed through asphalt or concrete, the hole is filled to grade with a plug of cold patch or cement.

H. Following retrieval, field personnel ship or transport the passive samplers to BEACON's laboratory.

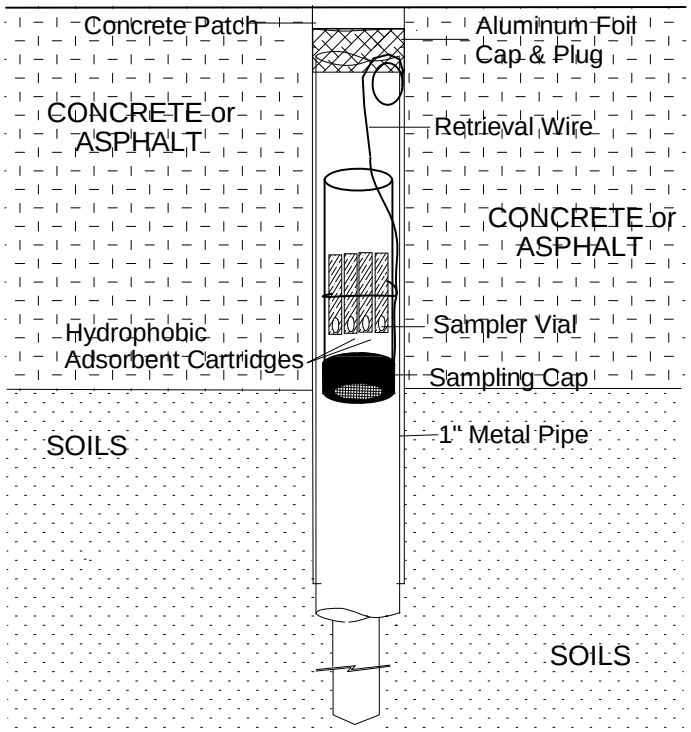
US EPA ARCHIVE DOCUMENT

BEACON'S PASSIVE SOIL-GAS SAMPLER

DEPLOYMENT THROUGH SOILS



DEPLOYMENT THROUGH AN ASPHALT/CONCRETE CAP



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Attachment 3

Field Deployment Report

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation		Removal		Additional Notes
				Date	Time	Date	Time	
001	I1	30	9.8	6/24	10:05	7/8/10	8:14	
002	I2	30	1.5	6/29	10:15		8:22	
003	I3	30	3.2		10:24		8:26	
004	I4	30	1.1		10:31		~~8:33~~ SEM 8:31	
005	I5	30	2.1		10:39		8:37	
006	I6	30	20.5		10:48		8:41	
007	J6	30	1.3		10:56		8:44	
008	J5	30	0.3		11:05		8:46	
009	J4	30	0.0		11:16		8:49	
010	J3	30	0.4		11:23		8:51	
011	J2	30	0.1		11:30		8:53	
012	J1	30	0.1		11:36		8:56	
013	K1	30	1.0		11:42		9:00	
014	K2	30	0.0		11:47		9:02	
015	K3	30	0.3		11:52		9:04	
016	K4	30	0.0		11:58		9:07	
017	K5	30	0.0		12:05		9:10	
018	K6	30	0.0		12:19		9:13	
019	I7	30	0.1		12:32		9:20	
020	I8	30	0.0		12:38		9:23	
021	I9	30	0.1		13:37		9:28	
022	I10	30	0.2		13:44		9:31	
023	I11	30	0.0		13:50		9:35	
024	I12	30	0.1		13:58		9:39	
025	I13	30	0.6		14:06		9:42	

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation Date	Installation Time	Removal Date	Removal Time	Additional Notes
026	J13	30	1.0	6/29	14:11	7/8/10	9:46	
027	J12	30	0.4		14:16		9:49	
028	J11	30	0.0		14:21		9:51	
029	J10	30	0.3		14:28		9:54	
030	J9	30	0.0		14:34		9:56	
031	J8	30	0.5		14:51		10:02	
032	J7	30	0.8		14:56		10:06	
033	K7	30	0.9		15:05		10:09	
034	K8	30	0.9		15:12		10:12	
035	K9	30	0.3		15:17		10:14	
036	K10	30	0.5		15:22		10:16	
037	K11	30	0.3		15:31		10:19	
038	K12	30	0.3		15:36		10:21	
039	K13	30	0.7		15:48		10:23	
040	H6	30	0.1		15:51		10:33	Motor Plug Damaged by through traffic
041	H7	30	0.4		15:57		10:37	
042	H8	30	0.3		16:00		10:39	
043	H9	30	0.3		16:09		10:42	
044	H10	30	0.3		16:12		10:45	
045	H11	30	0.0		16:19		10:47	
046	G9	30	0.0		16:25		10:51	
047	G8	30	0.3		16:30		10:54	
048	G7	30	0.3		16:36		10:57	Motor Plug Loose ↕ Samples may be switched
049	G6	30	0.0		16:42		11:00	
050	H11	30	1.1		16:54		11:03	

RMT

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation Date	Installation Time	Removal Date	Removal Time	Additional Notes
051	H12	30	0.7	6/29	17:04	7/8/10	11:08	
052	H13	30	0.4		17:09		11:12	
053	G13	30	0.3		17:14		11:15	
054	G12	30	0.6		17:20		11:19	
055	G11	30	0.0		17:22		11:21	
056	G16	30	0.7		17:27		11:24	
057	H16	30	1.0		17:29		11:27	
058	H16	30	22.5		17:31		11:45	
059	H17	30	7.7		17:33		11:48	
060	H17	30	24.0		17:36		11:51	
061	G17	30	2.1		17:39		11:54	
062	G19	30	0.9		17:41		11:57	
063	H18	30	35.5		17:43		11:59	
064	H18	30	3.8		17:46		12:02	
065 F	H13	30	0.5		17:50		12:06	
066	H12	30	3.1		17:54		12:08	
067	H11	30	1.7		17:57		12:12	
068	H10	30	1.2		17:59		12:15	
069	H9	30	0.3		18:03		12:18	
070	H8	30	0.8		18:06		12:32	
071	H7	30	0.7		18:09		12:35	
072	H6	30	0.5		18:11		12:38	
073	H5	30	0.5		18:13		1240	
074	H4	30	0.3		18:15		12:42	
075	H3	30	0.4		18:17		12:45	

RMT

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation Date	Installation Time	Removal Date	Removal Time	Additional Notes
076	H3	30	0.8	6/30	9:16	7/8/10	1400	
077	H4	30	0.4		9:25		1357	
078	H5	30	0.4		9:28		1353	
079	E2	30	1.3		9:38		1406	
080	E3	30	4.1		9:45		1410	
081	E4	30	2.3		9:50		1412	
082	E5	30	1.0		9:57		1415	20" Concrete
083	E6	30	0.4		10:03		1419	
084	E7	30	0.1		10:07		1421	
085	E8	30	4.3		10:14		1423	
086	D8	30	0.4		10:17		1426	
088 ~~087~~	D6	30	5.3		10:27		1435	086
089 ~~088~~	D5	30	0.2		10:39		1438	088
087 ~~089~~	D7	30	2.4		10:23		1429	087
090	D4	30	1.2		10:55		1440	
091	D3	30	0.5		10:59		1444	
092	D2	30	1.0		NB:06		1710	
093	D1	30	1.9		11:16		1449	
094	E9	30	1.4		11:20		1453	
095	E9	30	1.5		11:39		1502	
096	E10	30	1.5		11:29		1505	
097	E10	30	1.3		11:37		1508	
098	E11	30	2.4		11:43		1511	
099	E11	30	1.8		11:46		1513	
100	E12	30	14.5		11:51		1516	

RMT

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation		Removal		Additional Notes
				Date	Time	Date	Time	
101	D12	30	19.8	6/30	11:57	7/8/10	1520	
102	E13	30	3.4		12:03		1524	
103	D13	30	34.1		12:04		1527	
104	E14	30	16.5		13:17		1532	
105	D14	30	3.5		13:22		1529	
106	E14	30	0.8		13:24		1534	
107	E15	30	20.5		13:33		1538	
108	D15	30	0.6		13:37		1542	
109	C14	30	0.7		13:42		1546	Mortor Plug loose due to traffic
110	C15	30	1.2		13:50		1549	
111	B15	30	0.9		13:55		1556	
112	B14	30	2.0		13:59		1558	
113	B13	30	0.3		14:06		1604	
114	C13	30	0.0		14:10		1607	
115	C12	30	2.9		14:16		~~1618~~	1614
116	C11	30	1.0		14:24		1621	
117	C10	30	3.5		14:44		1630	
118	C8	30	1.8		14:49		1456	
119	C5	30	0.3		14:59		1658	
120	C4	30	1.8		15:04		1701	
121	C3	30	6.0		15:11		1705	
122	C7	30	134.5		15:25		1432	
123	C2	30	0.1		15:38		1708	
124	B2	30	0.1		15:45		1715	
125	A2	30	0.4		15:55		1718	

RMT

Northern Source Area Investigation
Former Tecumseh Products Company
Tecumseh, Michigan
June - July 2010

Sample ID	Grid Location	Boring Depth (inches)	PID Reading (ppm)	Installation Date	Installation Time	Removal Date	Removal Time	Additional Notes
126	H2	30	0.2	6/30	16:11	7/8/10	1336	
127	G2	30	0.5		16:15		1341	
128	G3	30	0.1		16:18		1343	
129	G5	30	0.0		16:21		1348	
130	B3	30	0.3	7/1	8:29		1726 ~~1353~~	KEM
131	A3	30	0.3		8:34		1802	
132	B4	30	0.2		8:57		1728	
133	A5	30	0.4		8:59		1756	
134	B5	30	0.7		9:04		1731	
135	B6	30	1.3		9:07		1649	
136	A6	30	1.3		9:13		1753	
137	B7	30	0.3		9:18		1639	Patch Pix colored
138	A8	30	0.2		9:23		1642	
139	B8	30	0.6		9:28		1655	
140	B9	30	0.8		9:33		1633	
141	B10	30	16.5		9:45		1626	
142	B11	30	0.1		9:50		1615	
143	B12	30	0.3		9:55		1611	
144	A13	30	5.9		10:01		1601	
145	A12	30	1.5		10:06		1737	
146	A11	30	1.7		10:12		1740	
147	A10	30	0.5		10:17		1744	
148	A9	30	0.1		10:21		1746	
149	A7	30	0.2		10:34		1748	
150	A4	30	0.4		10:45		1759	2 slabs

Attachment 4

LABORATORY PROCEDURES FOR PASSIVE SOIL-GAS SAMPLES

Following are laboratory procedures used with BEACON Passive Soil-Gas Surveys, a screening technology for expedited site investigation. After exposure, adsorbent cartridges from the passive samplers are analyzed using U.S. EPA Method 8260C as described in the Solid Waste Manual (SW-846), a capillary gas chromatographic/mass spectrometric method, modified to accommodate high temperature thermal desorption of the adsorbent cartridges. This procedure is summarized as follows:

A. The adsorbent cartridges are loaded with internal standards and surrogates prior to loading the autosampler with the cartridges. The loaded cartridges are purged in a helium flow. Then the cartridges are thermally desorbed in a helium flow onto a focusing trap. Any analytes in the helium stream are adsorbed onto a focusing trap.

B. Following trap focusing, the trap is thermally desorbed onto a DB-VRX 20 m, 0.18 mm ID, 1.00 micron filament thickness capillary column.

C. The GC/MS is scanned between 35 and 270 Atomic Mass Units (AMU) at 3.12 scans per second.

D. BFB tuning criteria and the initial five-point calibration procedures are those stated in method SW846-8260C. System performance and calibration check criteria are met prior to analysis of samples. A laboratory method blank is analyzed after the daily standard to determine that the system is contaminant-free.

E. The instrumentation used for these analyses includes:

- Agilent 6890-5973 Gas Chromatograph/Mass Spectrometer;
- Markes Unity thermal desorber;
- Markes UltrA autosampler; and
- Markes Mass Flow Controller Module.

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Attachment 5

Chain-of-Custody Form

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
001	2333 001		7/8/10	8:14	SEM
002	2333 002			8:22	SEM
003	2333 003			8:26	SEM
004	2333 004			8:31	SEM
005	2333 005			8:37	SEM
006	2333 006			8:41	SEM
007	2333 007			8:44	SEM
008	2333 008			8:46	SEM
009	2333 009			8:49	SEM
010	2333 010			8:51	SEM
011	2333 011			8:53	SEM
012	2333 012			8:56	SEM
013	2333 013			9:00	SEM
014	2333 014			9:02	SEM
015	2333 015			9:04	SEM
016	2333 016			9:07	SEM
017	2333 017			9:10	SEM
018	2333 018			9:13	SEM
019	2333 019			9:20	SEM
020	2333 020			9:23	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours 07-08-2010 / 1825	FedEx	Ryan Sibel	06-28-2010 / 1400

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Calvin Downs		FedEx	Steven Thornley	7.9.10 / 1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information			Client Information	
Beacon Project No.:	2333	BEACON ENVIRONMENTAL SERVICES, INC. 323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510	Company Name:	RMT, Inc.
Site Name:	Tecumseh Products		Office Location:	Ann Arbor, MI
Site Location:	Tecumseh, MI		Samples Submitted By:	
Analytical Method:	EPA Method 8260C		Contact Phone No.:	
Target Compounds:	Beacon Project Number 2333 Target Compound List			

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy)			
		Condition of sample or vial	Date	Time	Initial
020-D	2333 ~~020 B~~ 020D		7/8/10	9:23	SEM
021	2333 021			9:28	SEM
022	2333 022			9:31	SEM
023	2333 023			9:35	SEM
024	2333 024			9:39	SEM
025	2333 025			9:42	SEM
026	2333 026			9:46	SEM
027	2333 027			9:49	SEM
028	2333 028			9:51	SEM
029	2333 029			9:54	SEM
030	2333 030			9:56	SEM
SEM ~~040~~ 031	2333 031			10:02	SEM
SEM ~~041~~ 032	2333 032			10:06	SEM
033	2333 033			10:09	SEM
034	2333 034			10:12	SEM
035	2333 035			10:14	SEM
036	2333 036			10:16	SEM
037	2333 037			10:19	SEM
038	2333 038			10:21	SEM
039	2333 039			10:23	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx	Ryan Shiel	06-28-2010 / 1400

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
[illegible]	07-08-2010 / 1625	FedEx	Steven Thornley	7.9.10 / 1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
040	2333 040		7/8/10	10:33	SEM
040-D	2333 040 D			10:33	SEM
041	2333 041			10:37	SEM
042	2333 042			10:39	SEM
043	2333 043			10:42	SEM
044	2333 044			10:45	SEM
045	2333 045			10:47	SEM
046	2333 046			10:51	SEM
047	2333 047			10:54	SEM
048	2333 048	Note two samples 048 and 049 may be switched		10:57 ~~11:00~~ SEM	SEM
049	2333 049			11:00 ~~11:03~~ SEM	SEM
050	2333 050			11:03 ~~11:08~~ SEM	SEM
051	2333 051			11:08	SEM
052	2333 052			11:12	SEM
053	2333 053			11:15	SEM
054	2333 054			11:19	SEM
055	2333 055			11:21	SEM
056	2333 056			11:24	SEM
057	2333 057			11:27	SEM
058	2333 058			11:45	

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? Y N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx		

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Colin Lannes	07-08-2010 / 1625	Fed Ex	Steven Thornley	7.9.10 / 1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy)			
		Condition of sample or vial	Date	Time	Initial
059	2333 059		7/8/10	11:48	SEM
060	2333 060			11:51	SEM
060-D	2333 060-D			11:51	SEM
061	2333 061			11:54	SEM
062	2333 062			11:57	SEM
063	2333 063			11:59	SEM
064	2333 064			12:02	SEM
065	2333 065			12:06	SEM
066	2333 066			12:08	SEM
067	2333 067			12:12	SEM
068	2333 068			12:15	SEM
069	2333 069			12:18	SEM
070	2333 070			1232	SEM
071	2333 071			1235	SEM
072	2333 072			12:38	SEM
073	2333 073			12:40	SEM
074	2333 074			12:42	SEM
075	2333 075			12:45	SEM
076	2333 076			1400	SEM
077	2333 077			1357	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? Y N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx		

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Calvin Downing	07-08-2010/1625	Fed Ex	Steven Thornley	7.9.10/1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 876-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
078	2333 078		7/8/10	1353	SEM
079	2333 079			1406	SEM
080	2333 080			1410	SEM
080 - D	2333 080 D			1410	SEM
081	2333 081			1412	SEM
082	2333 082			1415	SEM
083	2333 083			1419	SEM
084	2333 084			1421	SEM
085	2333 085			1423	SEM
086	2333 086			1426	SEM
087	2333 087			1429	SEM
088	2333 088			1435	SEM
089	2333 089			1438	SEM
090	2333 090			1440	SEM
091	2333 091			1444	SEM
092	2333 092			1710	SEM
093	2333 093			1449	SEM
094	2333 094			1453	SEM
095	2333 095			1502	SEM
096	2333 096			1505	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? Y N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx		

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Cathy Manning	07-08-2010/ 1825	FedEx	Steven Thornley	7.9.10/1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
097	2333 097		7/8/10	1508	SEM
098	2333 098			1511	SEM
099	2333 099			1513	SEM
100	2333 100			1516	SEM
100-D	2333 100-D			1516 ~~1520~~ SEM	SEM
101	2333 101			1520 ~~1524~~ SEM	SEM
102	2333 102			1524 ~~1527~~ SEM	SEM
103	2333 103			1527 ~~1532~~ SEM	SEM
104	2333 104			1532 ~~1529~~ SEM	SEM
105	2333 105			1529 ~~1534~~ SEM	SEM
106	2333 106			1534 ~~1538~~ SEM	SEM
107	2333 107			1538	SEM
108	2333 108			1542	SEM
109	2333 109			1546	SEM
110	2333 110			1549	SEM
111	2333 111			1556	SEM
112	2333 112			1558	SEM
113	2333 113			1604	SEM
114	2333 114			1607	SEM
115	2333 115			1614 ~~1618~~ SEM	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx	Ryan Shiel	06-28-2010 / 1400

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Carlin Dunning	07-08-2010 / 1835	FedEx	Steven Thornley	7.9.10 / 1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
116	2333 116		7/8/10	1621	SEM
117	2333 117			1630	SEM
118	2333 118			1456	SEM
119	2333 119			1658	SEM
120	2333 120			1701	SEM
120-D	2333 120-D			1701	SEM
121	2333 121			1705	SEM
122	2333 122			1432	SEM
123	2333 123			1708	SEM
124	2333 124			1715	SEM
125	2333 125			1718	SEM
126	2333 126			1336	SEM
127	2333 127			1341	SEM
128	2333 128			1343	SEM
129	2333 129			1348	SEM
130	2333 130			1726	SEM
131	2333 131			1803	SEM
132	2333 132			1738	SEM
133	2333 133			1756	SEM
134	2333 134			1731	SEM

Shipment of Field Kit to Site — Custody Seal # 1036873 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx	Ryan Schol	06-28-2010 / 1400

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 Intact? (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
[illegible]	07-08-2010 / 1825	Fed Ex	Steven Thornley	7.9.10 / 1030

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	2333
Site Name:	Tecumseh Products
Site Location:	Tecumseh, MI
Analytical Method:	EPA Method 8260C
Target Compounds:	Beacon Project Number 2333 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	RMT, Inc.
Office Location:	Ann Arbor, MI
Samples Submitted By:	
Contact Phone No.:	

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy)			
		Condition of sample or vial	Date	Time	Initial
135	2333 135		7/8/10	1649	SEM
136	2333 136			1753	SEM
137	2333 137			1639	SEM
138	2333 138			1642	SEM
139	2333 139			1655	SEM
140	2333 140			1633	SEM
140-D	2333 140D			1633	SEM
141	2333 141			1626	SEM
142	2333 142			1615	SEM
143	2333 143			1611	SEM
144	2333 144			1601	SEM
145	2333 145			1737	SEM
146	2333 146			1740	SEM
147	2333 147			1744	SEM
148	2333 148			1746	SEM
149	2333 149			1748	SEM
150	2333 150			1759	SEM
150-D	2333 150.D			1759	SEM
Trip 1 - Trip5	2333 Trip-1 ⇒ Trip-5	Trip 1, Trip2, Trip-3, Trip 4, Trip 5			

Shipment of Field Kit to Site — Custody Seal # 1036873 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Steven Thornley	06-23-2010 / 1700 Hours	FedEx	Ryan Schid	06-28-2010 / 1400

Shipment of Field Kit to Laboratory — Custody Seal # 1036874 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Carlin Dennis	07-08-2010/1825	FedEx	Steven Thornley	7.9.10 / 1030

Attachment 3

US EPA ARCHIVE DOCUMENT

October 01, 2010

RMT, Inc. - Ann Arbor Office
Attn: Ms. Stacy Metz
3754 Ranchero Drive
Ann Arbor, MI 48108-2771

Project: Tecumseh Products - Investigation

Dear Ms. Stacy Metz,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
1009312	09/20/2010	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

Enclosures(s)

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Individual sample results relate only to the sample tested.
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US EPA ARCHIVE DOCUMENT

TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (0-4')**	Sampled:	09/15/10 08:45
Lab Sample ID:	**1009312-01**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.2	1.2
107-13-1	Acrylonitrile	<0.12	0.12
71-43-2	Benzene	<0.058	0.058
108-86-1	Bromobenzene	<0.12	0.12
74-97-5	Bromochloromethane	<0.12	0.12
75-27-4	Bromodichloromethane	<0.12	0.12
75-25-2	Bromoform	<0.12	0.12
74-83-9	Bromomethane	<0.23	0.23
104-51-8	n-Butylbenzene	<0.058	0.058
135-98-8	sec-Butylbenzene	<0.058	0.058
98-06-6	tert-Butylbenzene	<0.058	0.058
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.058	0.058
108-90-7	Chlorobenzene	<0.058	0.058
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.058	0.058
74-87-3	Chloromethane	<0.29	0.29
96-12-8	1,2-Dibromo-3-chloropropane	<0.058	0.058
124-48-1	Dibromochloromethane	<0.12	0.12
106-93-4	1,2-Dibromoethane	<0.058	0.058
74-95-3	Dibromomethane	<0.29	0.29
110-57-6	trans-1,4-Dichloro-2-butene	<0.058	0.058
95-50-1	1,2-Dichlorobenzene	<0.12	0.12
541-73-1	1,3-Dichlorobenzene	<0.12	0.12
106-46-7	1,4-Dichlorobenzene	<0.12	0.12
75-71-8	Dichlorodifluoromethane	<0.29	0.29
75-34-3	1,1-Dichloroethane	<0.058	0.058
107-06-2	1,2-Dichloroethane	<0.058	0.058
75-35-4	1,1-Dichloroethene	<0.058	0.058
156-59-2	cis-1,2-Dichloroethene	<0.058	0.058
156-60-5	trans-1,2-Dichloroethene	<0.058	0.058

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (0-4')**	Sampled:	09/15/10 08:45
Lab Sample ID:	**1009312-01**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.058	0.058
10061-01-5	cis-1,3-Dichloropropene	<0.058	0.058
10061-02-6	trans-1,3-Dichloropropene	<0.058	0.058
100-41-4	Ethylbenzene	<0.058	0.058
60-29-7	Ethyl Ether	<0.23	0.23
591-78-6	2-Hexanone	<2.9	2.9
74-88-4	Iodomethane	<0.12	0.12
98-82-8	Isopropylbenzene	<0.29	0.29
99-87-6	4-Isopropyltoluene	<0.12	0.12
1634-04-4	Methyl tert-Butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.12	0.12
78-93-3	2-Butanone (MEK)	<0.87	0.87
91-57-6	2-Methylnaphthalene	<0.38	0.38
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.9	2.9
91-20-3	Naphthalene	<0.38	0.38
103-65-1	n-Propylbenzene	<0.12	0.12
100-42-5	Styrene	<0.058	0.058
630-20-6	1,1,1,2-Tetrachloroethane	<0.12	0.12
79-34-5	1,1,2,2-Tetrachloroethane	<0.058	0.058
127-18-4	Tetrachloroethene	**0.059**	0.058
109-99-9	Tetrahydrofuran	<1.2	1.2
108-88-3	Toluene	<0.12	0.12
87-61-6	1,2,3-Trichlorobenzene	<0.38	0.38
120-82-1	1,2,4-Trichlorobenzene	<0.38	0.38
71-55-6	1,1,1-Trichloroethane	<0.058	0.058
79-00-5	1,1,2-Trichloroethane	<0.058	0.058
79-01-6	Trichloroethene	**0.77**	0.058
75-69-4	Trichlorofluoromethane	<0.12	0.12
96-18-4	1,2,3-Trichloropropane	<0.12	0.12
95-63-6	1,2,4-Trimethylbenzene	<0.12	0.12
108-67-8	1,3,5-Trimethylbenzene	<0.12	0.12

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (0-4')**	Sampled:	09/15/10 08:45
Lab Sample ID:	**1009312-01**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.047	0.047
136777-61-2	Xylene, Meta + Para	<0.12	0.12
95-47-6	Xylene, Ortho	<0.058	0.058

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	96	*75-123*
1,2-Dichloroethane-d4	103	*83-116*
Toluene-d8	100	*85-113*
4-Bromofluorobenzene	91	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (0-4')**	Sampled:	09/15/10 08:45
Lab Sample ID:	**1009312-01**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**86**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (22-23')**	Sampled:	09/15/10 09:10
Lab Sample ID:	**1009312-02**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	98		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.0	1.0
107-13-1	Acrylonitrile	<0.10	0.10
71-43-2	Benzene	<0.051	0.051
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10
75-27-4	Bromodichloromethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.20	0.20
104-51-8	n-Butylbenzene	<0.051	0.051
135-98-8	sec-Butylbenzene	<0.051	0.051
98-06-6	tert-Butylbenzene	<0.051	0.051
75-15-0	Carbon Disulfide	<0.26	0.26
56-23-5	Carbon Tetrachloride	<0.051	0.051
108-90-7	Chlorobenzene	<0.051	0.051
75-00-3	Chloroethane	<0.26	0.26
67-66-3	Chloroform	<0.051	0.051
74-87-3	Chloromethane	<0.26	0.26
96-12-8	1,2-Dibromo-3-chloropropane	<0.051	0.051
124-48-1	Dibromochloromethane	<0.10	0.10
106-93-4	1,2-Dibromoethane	<0.051	0.051
74-95-3	Dibromomethane	<0.26	0.26
110-57-6	trans-1,4-Dichloro-2-butene	<0.051	0.051
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.26	0.26
75-34-3	1,1-Dichloroethane	<0.051	0.051
107-06-2	1,2-Dichloroethane	<0.051	0.051
75-35-4	1,1-Dichloroethene	<0.051	0.051
156-59-2	cis-1,2-Dichloroethene	<0.051	0.051
156-60-5	trans-1,2-Dichloroethene	<0.051	0.051

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (22-23')**	Sampled:	09/15/10 09:10
Lab Sample ID:	**1009312-02**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	98		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.051	0.051
10061-01-5	cis-1,3-Dichloropropene	<0.051	0.051
10061-02-6	trans-1,3-Dichloropropene	<0.051	0.051
100-41-4	Ethylbenzene	<0.051	0.051
60-29-7	Ethyl Ether	<0.20	0.20
591-78-6	2-Hexanone	<2.6	2.6
74-88-4	Iodomethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.26	0.26
99-87-6	4-Isopropyltoluene	<0.10	0.10
1634-04-4	Methyl tert-Butyl Ether	<0.26	0.26
75-09-2	Methylene Chloride	<0.10	0.10
78-93-3	2-Butanone (MEK)	<0.77	0.77
91-57-6	2-Methylnaphthalene	<0.34	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.6	2.6
91-20-3	Naphthalene	<0.34	0.34
103-65-1	n-Propylbenzene	<0.10	0.10
100-42-5	Styrene	<0.051	0.051
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	<0.051	0.051
127-18-4	Tetrachloroethene	**0.31**	0.051
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.10	0.10
87-61-6	1,2,3-Trichlorobenzene	<0.34	0.34
120-82-1	1,2,4-Trichlorobenzene	<0.34	0.34
71-55-6	1,1,1-Trichloroethane	<0.051	0.051
79-00-5	1,1,2-Trichloroethane	<0.051	0.051
79-01-6	Trichloroethene	**4.1**	0.051
75-69-4	Trichlorofluoromethane	<0.10	0.10
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (22-23')**	Sampled:	09/15/10 09:10
Lab Sample ID:	**1009312-02**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	98		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.041	0.041
136777-61-2	Xylene, Meta + Para	<0.10	0.10
95-47-6	Xylene, Ortho	<0.051	0.051

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	94	*75-123*
1,2-Dichloroethane-d4	104	*83-116*
Toluene-d8	97	*85-113*
4-Bromofluorobenzene	88	*81-117*

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US EPA ARCHIVE DOCUMENT

TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (22-23')**	Sampled:	09/15/10 09:10
Lab Sample ID:	**1009312-02**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**98**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (23-28')**	Sampled:	09/15/10 12:40
Lab Sample ID:	**1009312-03**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**13**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (23-28')**	Sampled:	09/15/10 12:40
Lab Sample ID:	**1009312-03**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**15**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1500**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-11 (23-28')**	Sampled:	09/15/10 12:40
Lab Sample ID:	**1009312-03**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	99	*88-115*
1,2-Dichloroethane-d4	107	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	97	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (0-2')**	Sampled:	09/15/10 09:30
Lab Sample ID:	**1009312-04**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.1	1.1
107-13-1	Acrylonitrile	<0.11	0.11
71-43-2	Benzene	<0.053	0.053
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11
75-27-4	Bromodichloromethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.21	0.21
104-51-8	n-Butylbenzene	**0.15**	0.053
135-98-8	sec-Butylbenzene	**0.10**	0.053
98-06-6	tert-Butylbenzene	<0.053	0.053
75-15-0	Carbon Disulfide	<0.26	0.26
56-23-5	Carbon Tetrachloride	<0.053	0.053
108-90-7	Chlorobenzene	<0.053	0.053
75-00-3	Chloroethane	<0.26	0.26
67-66-3	Chloroform	<0.053	0.053
74-87-3	Chloromethane	<0.26	0.26
96-12-8	1,2-Dibromo-3-chloropropane	<0.053	0.053
124-48-1	Dibromochloromethane	<0.11	0.11
106-93-4	1,2-Dibromoethane	<0.053	0.053
74-95-3	Dibromomethane	<0.26	0.26
110-57-6	trans-1,4-Dichloro-2-butene	<0.053	0.053
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.26	0.26
75-34-3	1,1-Dichloroethane	<0.053	0.053
107-06-2	1,2-Dichloroethane	<0.053	0.053
75-35-4	1,1-Dichloroethene	<0.053	0.053
156-59-2	cis-1,2-Dichloroethene	<0.053	0.053
156-60-5	trans-1,2-Dichloroethene	<0.053	0.053

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (0-2')**	Sampled:	09/15/10 09:30
Lab Sample ID:	**1009312-04**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.053	0.053
10061-01-5	cis-1,3-Dichloropropene	<0.053	0.053
10061-02-6	trans-1,3-Dichloropropene	<0.053	0.053
100-41-4	Ethylbenzene	<0.053	0.053
60-29-7	Ethyl Ether	<0.21	0.21
591-78-6	2-Hexanone	<2.6	2.6
74-88-4	Iodomethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.26	0.26
99-87-6	4-Isopropyltoluene	<0.11	0.11
1634-04-4	Methyl tert-Butyl Ether	<0.26	0.26
75-09-2	Methylene Chloride	<0.11	0.11
78-93-3	2-Butanone (MEK)	<0.79	0.79
91-57-6	2-Methylnaphthalene	<0.35	0.35
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.6	2.6
91-20-3	Naphthalene	<0.35	0.35
103-65-1	n-Propylbenzene	<0.11	0.11
100-42-5	Styrene	<0.053	0.053
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
79-34-5	1,1,2,2-Tetrachloroethane	<0.053	0.053
127-18-4	Tetrachloroethene	**0.19**	0.053
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.11	0.11
87-61-6	1,2,3-Trichlorobenzene	<0.35	0.35
120-82-1	1,2,4-Trichlorobenzene	<0.35	0.35
71-55-6	1,1,1-Trichloroethane	<0.053	0.053
79-00-5	1,1,2-Trichloroethane	<0.053	0.053
79-01-6	Trichloroethene	**0.88**	0.053
75-69-4	Trichlorofluoromethane	<0.11	0.11
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (0-2')**	Sampled:	09/15/10 09:30
Lab Sample ID:	**1009312-04**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.042	0.042
136777-61-2	Xylene, Meta + Para	<0.11	0.11
95-47-6	Xylene, Ortho	<0.053	0.053

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	102	*75-123*
1,2-Dichloroethane-d4	106	*83-116*
Toluene-d8	102	*85-113*
4-Bromofluorobenzene	99	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (0-2')**	Sampled:	09/15/10 09:30
Lab Sample ID:	**1009312-04**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**94**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (22-24')**	Sampled:	09/15/10 09:50
Lab Sample ID:	**1009312-05**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.0	1.0
107-13-1	Acrylonitrile	<0.10	0.10
71-43-2	Benzene	<0.052	0.052
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10
75-27-4	Bromodichloromethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.21	0.21
104-51-8	n-Butylbenzene	<0.052	0.052
135-98-8	sec-Butylbenzene	<0.052	0.052
98-06-6	tert-Butylbenzene	<0.052	0.052
75-15-0	Carbon Disulfide	<0.26	0.26
56-23-5	Carbon Tetrachloride	<0.052	0.052
108-90-7	Chlorobenzene	<0.052	0.052
75-00-3	Chloroethane	<0.26	0.26
67-66-3	Chloroform	<0.052	0.052
74-87-3	Chloromethane	<0.26	0.26
96-12-8	1,2-Dibromo-3-chloropropane	<0.052	0.052
124-48-1	Dibromochloromethane	<0.10	0.10
106-93-4	1,2-Dibromoethane	<0.052	0.052
74-95-3	Dibromomethane	<0.26	0.26
110-57-6	trans-1,4-Dichloro-2-butene	<0.052	0.052
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.26	0.26
75-34-3	1,1-Dichloroethane	<0.052	0.052
107-06-2	1,2-Dichloroethane	<0.052	0.052
75-35-4	1,1-Dichloroethene	<0.052	0.052
156-59-2	cis-1,2-Dichloroethene	<0.052	0.052
156-60-5	trans-1,2-Dichloroethene	<0.052	0.052

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (22-24')**	Sampled:	09/15/10 09:50
Lab Sample ID:	**1009312-05**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.052	0.052
10061-01-5	cis-1,3-Dichloropropene	<0.052	0.052
10061-02-6	trans-1,3-Dichloropropene	<0.052	0.052
100-41-4	Ethylbenzene	<0.052	0.052
60-29-7	Ethyl Ether	<0.21	0.21
591-78-6	2-Hexanone	<2.6	2.6
74-88-4	Iodomethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.26	0.26
99-87-6	4-Isopropyltoluene	<0.10	0.10
1634-04-4	Methyl tert-Butyl Ether	<0.26	0.26
75-09-2	Methylene Chloride	<0.10	0.10
78-93-3	2-Butanone (MEK)	<0.78	0.78
91-57-6	2-Methylnaphthalene	<0.34	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.6	2.6
91-20-3	Naphthalene	<0.34	0.34
103-65-1	n-Propylbenzene	<0.10	0.10
100-42-5	Styrene	<0.052	0.052
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	<0.052	0.052
127-18-4	Tetrachloroethene	**0.12**	0.052
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.10	0.10
87-61-6	1,2,3-Trichlorobenzene	<0.34	0.34
120-82-1	1,2,4-Trichlorobenzene	<0.34	0.34
71-55-6	1,1,1-Trichloroethane	<0.052	0.052
79-00-5	1,1,2-Trichloroethane	<0.052	0.052
79-01-6	Trichloroethene	**2.0**	0.052
75-69-4	Trichlorofluoromethane	<0.10	0.10
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (22-24')**	Sampled:	09/15/10 09:50
Lab Sample ID:	**1009312-05**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.042	0.042
136777-61-2	Xylene, Meta + Para	<0.10	0.10
95-47-6	Xylene, Ortho	<0.052	0.052

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	96	*75-123*
1,2-Dichloroethane-d4	99	*83-116*
Toluene-d8	100	*85-113*
4-Bromofluorobenzene	94	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (22-24')**	Sampled:	09/15/10 09:50
Lab Sample ID:	**1009312-05**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (23-28')**	Sampled:	09/15/10 11:45
Lab Sample ID:	**1009312-06**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**31**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	**14**	10
156-59-2	cis-1,2-Dichloroethene	**330**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (23-28')**	Sampled:	09/15/10 11:45
Lab Sample ID:	**1009312-06**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	<10	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**720**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-12 (23-28')**	Sampled:	09/15/10 11:45
Lab Sample ID:	**1009312-06**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**120**	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	95	*88-115*
1,2-Dichloroethane-d4	104	*81-116*
Toluene-d8	98	*87-113*
4-Bromofluorobenzene	95	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (22-24')**	Sampled:	09/15/10 13:40
Lab Sample ID:	**1009312-07**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<4.6	4.6
107-13-1	Acrylonitrile	<0.46	0.46
71-43-2	Benzene	<0.23	0.23
108-86-1	Bromobenzene	<0.46	0.46
74-97-5	Bromochloromethane	<0.46	0.46
75-27-4	Bromodichloromethane	<0.46	0.46
75-25-2	Bromoform	<0.46	0.46
74-83-9	Bromomethane	<0.92	0.92
104-51-8	n-Butylbenzene	<0.23	0.23
135-98-8	sec-Butylbenzene	<0.23	0.23
98-06-6	tert-Butylbenzene	<0.23	0.23
75-15-0	Carbon Disulfide	<1.2	1.2
56-23-5	Carbon Tetrachloride	<0.23	0.23
108-90-7	Chlorobenzene	<0.23	0.23
75-00-3	Chloroethane	<1.2	1.2
67-66-3	Chloroform	<0.23	0.23
74-87-3	Chloromethane	<1.2	1.2
96-12-8	1,2-Dibromo-3-chloropropane	<0.23	0.23
124-48-1	Dibromochloromethane	<0.46	0.46
106-93-4	1,2-Dibromoethane	<0.23	0.23
74-95-3	Dibromomethane	<1.2	1.2
110-57-6	trans-1,4-Dichloro-2-butene	<0.23	0.23
95-50-1	1,2-Dichlorobenzene	<0.46	0.46
541-73-1	1,3-Dichlorobenzene	<0.46	0.46
106-46-7	1,4-Dichlorobenzene	<0.46	0.46
75-71-8	Dichlorodifluoromethane	<1.2	1.2
75-34-3	1,1-Dichloroethane	<0.23	0.23
107-06-2	1,2-Dichloroethane	<0.23	0.23
75-35-4	1,1-Dichloroethene	<0.23	0.23
156-59-2	cis-1,2-Dichloroethene	<0.23	0.23
156-60-5	trans-1,2-Dichloroethene	<0.23	0.23

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (22-24')**	Sampled:	09/15/10 13:40
Lab Sample ID:	**1009312-07**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.23	0.23
10061-01-5	cis-1,3-Dichloropropene	<0.23	0.23
10061-02-6	trans-1,3-Dichloropropene	<0.23	0.23
100-41-4	Ethylbenzene	<0.23	0.23
60-29-7	Ethyl Ether	<0.92	0.92
591-78-6	2-Hexanone	<12	12
74-88-4	Iodomethane	<0.46	0.46
98-82-8	Isopropylbenzene	<1.2	1.2
99-87-6	4-Isopropyltoluene	<0.46	0.46
1634-04-4	Methyl tert-Butyl Ether	<1.2	1.2
75-09-2	Methylene Chloride	<0.46	0.46
78-93-3	2-Butanone (MEK)	<3.5	3.5
91-57-6	2-Methylnaphthalene	<1.5	1.5
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<1.5	1.5
103-65-1	n-Propylbenzene	<0.46	0.46
100-42-5	Styrene	<0.23	0.23
630-20-6	1,1,1,2-Tetrachloroethane	<0.46	0.46
79-34-5	1,1,2,2-Tetrachloroethane	<0.23	0.23
127-18-4	Tetrachloroethene	**0.49**	0.23
109-99-9	Tetrahydrofuran	<4.6	4.6
108-88-3	Toluene	<0.46	0.46
87-61-6	1,2,3-Trichlorobenzene	<1.5	1.5
120-82-1	1,2,4-Trichlorobenzene	<1.5	1.5
71-55-6	1,1,1-Trichloroethane	**1.8**	0.23
79-00-5	1,1,2-Trichloroethane	<0.23	0.23
79-01-6	Trichloroethene	**26**	0.23
75-69-4	Trichlorofluoromethane	<0.46	0.46
96-18-4	1,2,3-Trichloropropane	<0.46	0.46
95-63-6	1,2,4-Trimethylbenzene	<0.46	0.46
108-67-8	1,3,5-Trimethylbenzene	<0.46	0.46

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (22-24')**	Sampled:	09/15/10 13:40
Lab Sample ID:	**1009312-07**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.18	0.18
136777-61-2	Xylene, Meta + Para	<0.46	0.46
95-47-6	Xylene, Ortho	<0.23	0.23

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	95	*75-123*
1,2-Dichloroethane-d4	94	*83-116*
Toluene-d8	99	*85-113*
4-Bromofluorobenzene	93	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (22-24')**	Sampled:	09/15/10 13:40
Lab Sample ID:	**1009312-07**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (0.5-1.5')**	Sampled:	09/15/10 14:08
Lab Sample ID:	**1009312-08**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.2	1.2
107-13-1	Acrylonitrile	<0.12	0.12
71-43-2	Benzene	<0.058	0.058
108-86-1	Bromobenzene	<0.12	0.12
74-97-5	Bromochloromethane	<0.12	0.12
75-27-4	Bromodichloromethane	<0.12	0.12
75-25-2	Bromoform	<0.12	0.12
74-83-9	Bromomethane	<0.23	0.23
104-51-8	n-Butylbenzene	<0.058	0.058
135-98-8	sec-Butylbenzene	<0.058	0.058
98-06-6	tert-Butylbenzene	<0.058	0.058
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.058	0.058
108-90-7	Chlorobenzene	<0.058	0.058
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.058	0.058
74-87-3	Chloromethane	<0.29	0.29
96-12-8	1,2-Dibromo-3-chloropropane	<0.058	0.058
124-48-1	Dibromochloromethane	<0.12	0.12
106-93-4	1,2-Dibromoethane	<0.058	0.058
74-95-3	Dibromomethane	<0.29	0.29
110-57-6	trans-1,4-Dichloro-2-butene	<0.058	0.058
95-50-1	1,2-Dichlorobenzene	<0.12	0.12
541-73-1	1,3-Dichlorobenzene	<0.12	0.12
106-46-7	1,4-Dichlorobenzene	<0.12	0.12
75-71-8	Dichlorodifluoromethane	<0.29	0.29
75-34-3	1,1-Dichloroethane	<0.058	0.058
107-06-2	1,2-Dichloroethane	<0.058	0.058
75-35-4	1,1-Dichloroethene	<0.058	0.058
156-59-2	cis-1,2-Dichloroethene	<0.058	0.058
156-60-5	trans-1,2-Dichloroethene	<0.058	0.058

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (0.5-1.5')**	Sampled:	09/15/10 14:08
Lab Sample ID:	**1009312-08**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.058	0.058
10061-01-5	cis-1,3-Dichloropropene	<0.058	0.058
10061-02-6	trans-1,3-Dichloropropene	<0.058	0.058
100-41-4	Ethylbenzene	<0.058	0.058
60-29-7	Ethyl Ether	<0.23	0.23
591-78-6	2-Hexanone	<2.9	2.9
74-88-4	Iodomethane	<0.12	0.12
98-82-8	Isopropylbenzene	<0.29	0.29
99-87-6	4-Isopropyltoluene	<0.12	0.12
1634-04-4	Methyl tert-Butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.12	0.12
78-93-3	2-Butanone (MEK)	<0.87	0.87
91-57-6	2-Methylnaphthalene	<0.38	0.38
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.9	2.9
91-20-3	Naphthalene	<0.38	0.38
103-65-1	n-Propylbenzene	<0.12	0.12
100-42-5	Styrene	<0.058	0.058
630-20-6	1,1,1,2-Tetrachloroethane	<0.12	0.12
79-34-5	1,1,2,2-Tetrachloroethane	<0.058	0.058
127-18-4	Tetrachloroethene	<0.058	0.058
109-99-9	Tetrahydrofuran	<1.2	1.2
108-88-3	Toluene	<0.12	0.12
87-61-6	1,2,3-Trichlorobenzene	<0.38	0.38
120-82-1	1,2,4-Trichlorobenzene	<0.38	0.38
71-55-6	1,1,1-Trichloroethane	**0.092**	0.058
79-00-5	1,1,2-Trichloroethane	<0.058	0.058
79-01-6	Trichloroethene	**1.2**	0.058
75-69-4	Trichlorofluoromethane	<0.12	0.12
96-18-4	1,2,3-Trichloropropane	<0.12	0.12
95-63-6	1,2,4-Trimethylbenzene	<0.12	0.12
108-67-8	1,3,5-Trimethylbenzene	<0.12	0.12

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (0.5-1.5')**	Sampled:	09/15/10 14:08
Lab Sample ID:	**1009312-08**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.046	0.046
136777-61-2	Xylene, Meta + Para	<0.12	0.12
95-47-6	Xylene, Ortho	<0.058	0.058

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	92	*75-123*
1,2-Dichloroethane-d4	98	*83-116*
Toluene-d8	98	*85-113*
4-Bromofluorobenzene	94	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-32S (0.5-1.5')**	Sampled:	09/15/10 14:08
Lab Sample ID:	**1009312-08**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**86**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (1-3')**	Sampled:	09/15/10 16:14
Lab Sample ID:	**1009312-09**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.1	1.1
107-13-1	Acrylonitrile	<0.11	0.11
71-43-2	Benzene	<0.053	0.053
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11
75-27-4	Bromodichloromethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.21	0.21
104-51-8	n-Butylbenzene	**1.8**	0.053
135-98-8	sec-Butylbenzene	**0.49**	0.053
98-06-6	tert-Butylbenzene	<0.053	0.053
75-15-0	Carbon Disulfide	<0.27	0.27
56-23-5	Carbon Tetrachloride	<0.053	0.053
108-90-7	Chlorobenzene	<0.053	0.053
75-00-3	Chloroethane	<0.27	0.27
67-66-3	Chloroform	<0.053	0.053
74-87-3	Chloromethane	<0.27	0.27
96-12-8	1,2-Dibromo-3-chloropropane	<0.053	0.053
124-48-1	Dibromochloromethane	<0.11	0.11
106-93-4	1,2-Dibromoethane	<0.053	0.053
74-95-3	Dibromomethane	<0.27	0.27
110-57-6	trans-1,4-Dichloro-2-butene	<0.053	0.053
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.27	0.27
75-34-3	1,1-Dichloroethane	<0.053	0.053
107-06-2	1,2-Dichloroethane	<0.053	0.053
75-35-4	1,1-Dichloroethene	<0.053	0.053
156-59-2	cis-1,2-Dichloroethene	**7.5**	0.053
156-60-5	trans-1,2-Dichloroethene	**0.59**	0.053

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (1-3')**	Sampled:	09/15/10 16:14
Lab Sample ID:	**1009312-09**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.053	0.053
10061-01-5	cis-1,3-Dichloropropene	<0.053	0.053
10061-02-6	trans-1,3-Dichloropropene	<0.053	0.053
100-41-4	Ethylbenzene	<0.053	0.053
60-29-7	Ethyl Ether	<0.21	0.21
591-78-6	2-Hexanone	<2.7	2.7
74-88-4	Iodomethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.27	0.27
99-87-6	4-Isopropyltoluene	**0.53**	0.11
1634-04-4	Methyl tert-Butyl Ether	<0.27	0.27
75-09-2	Methylene Chloride	<0.11	0.11
78-93-3	2-Butanone (MEK)	<0.80	0.80
91-57-6	2-Methylnaphthalene	**4.5**	0.35
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.7	2.7
91-20-3	Naphthalene	**2.6**	0.35
103-65-1	n-Propylbenzene	**0.53**	0.11
100-42-5	Styrene	<0.053	0.053
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
79-34-5	1,1,2,2-Tetrachloroethane	<0.053	0.053
127-18-4	Tetrachloroethene	**0.82**	0.053
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.11	0.11
87-61-6	1,2,3-Trichlorobenzene	<0.35	0.35
120-82-1	1,2,4-Trichlorobenzene	<0.35	0.35
71-55-6	1,1,1-Trichloroethane	<0.053	0.053
79-00-5	1,1,2-Trichloroethane	**0.30**	0.053
79-01-6	Trichloroethene	**5.7**	0.053
75-69-4	Trichlorofluoromethane	<0.11	0.11
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
95-63-6	1,2,4-Trimethylbenzene	**3.9**	0.11
108-67-8	1,3,5-Trimethylbenzene	**1.2**	0.11

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (1-3')**	Sampled:	09/15/10 16:14
Lab Sample ID:	**1009312-09**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**0.41**	0.043
136777-61-2	Xylene, Meta + Para	**0.24**	0.11
95-47-6	Xylene, Ortho	**0.32**	0.053

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	94	*75-123*
1,2-Dichloroethane-d4	99	*83-116*
Toluene-d8	102	*85-113*
4-Bromofluorobenzene	108	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (1-3')**	Sampled:	09/15/10 16:14
Lab Sample ID:	**1009312-09**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**94**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (19-22')**	Sampled:	09/15/10 16:32
Lab Sample ID:	**1009312-10**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<4.9	4.9
107-13-1	Acrylonitrile	<0.49	0.49
71-43-2	Benzene	<0.24	0.24
108-86-1	Bromobenzene	<0.49	0.49
74-97-5	Bromochloromethane	<0.49	0.49
75-27-4	Bromodichloromethane	<0.49	0.49
75-25-2	Bromoform	<0.49	0.49
74-83-9	Bromomethane	<0.98	0.98
104-51-8	n-Butylbenzene	<0.24	0.24
135-98-8	sec-Butylbenzene	<0.24	0.24
98-06-6	tert-Butylbenzene	<0.24	0.24
75-15-0	Carbon Disulfide	<1.2	1.2
56-23-5	Carbon Tetrachloride	<0.24	0.24
108-90-7	Chlorobenzene	<0.24	0.24
75-00-3	Chloroethane	<1.2	1.2
67-66-3	Chloroform	<0.24	0.24
74-87-3	Chloromethane	<1.2	1.2
96-12-8	1,2-Dibromo-3-chloropropane	<0.24	0.24
124-48-1	Dibromochloromethane	<0.49	0.49
106-93-4	1,2-Dibromoethane	<0.24	0.24
74-95-3	Dibromomethane	<1.2	1.2
110-57-6	trans-1,4-Dichloro-2-butene	<0.24	0.24
95-50-1	1,2-Dichlorobenzene	<0.49	0.49
541-73-1	1,3-Dichlorobenzene	<0.49	0.49
106-46-7	1,4-Dichlorobenzene	<0.49	0.49
75-71-8	Dichlorodifluoromethane	<1.2	1.2
75-34-3	1,1-Dichloroethane	<0.24	0.24
107-06-2	1,2-Dichloroethane	<0.24	0.24
75-35-4	1,1-Dichloroethene	<0.24	0.24
156-59-2	cis-1,2-Dichloroethene	<0.24	0.24
156-60-5	trans-1,2-Dichloroethene	<0.24	0.24

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (19-22')**	Sampled:	09/15/10 16:32
Lab Sample ID:	**1009312-10**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.24	0.24
10061-01-5	cis-1,3-Dichloropropene	<0.24	0.24
10061-02-6	trans-1,3-Dichloropropene	<0.24	0.24
100-41-4	Ethylbenzene	<0.24	0.24
60-29-7	Ethyl Ether	<0.98	0.98
591-78-6	2-Hexanone	<12	12
74-88-4	Iodomethane	<0.49	0.49
98-82-8	Isopropylbenzene	<1.2	1.2
99-87-6	4-Isopropyltoluene	<0.49	0.49
1634-04-4	Methyl tert-Butyl Ether	<1.2	1.2
75-09-2	Methylene Chloride	<0.49	0.49
78-93-3	2-Butanone (MEK)	<3.7	3.7
91-57-6	2-Methylnaphthalene	<1.6	1.6
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<1.6	1.6
103-65-1	n-Propylbenzene	<0.49	0.49
100-42-5	Styrene	<0.24	0.24
630-20-6	1,1,1,2-Tetrachloroethane	<0.49	0.49
79-34-5	1,1,2,2-Tetrachloroethane	<0.24	0.24
127-18-4	Tetrachloroethene	**0.47**	0.24
109-99-9	Tetrahydrofuran	<4.9	4.9
108-88-3	Toluene	<0.49	0.49
87-61-6	1,2,3-Trichlorobenzene	<1.6	1.6
120-82-1	1,2,4-Trichlorobenzene	<1.6	1.6
71-55-6	1,1,1-Trichloroethane	<0.24	0.24
79-00-5	1,1,2-Trichloroethane	<0.24	0.24
79-01-6	Trichloroethene	**19**	0.24
75-69-4	Trichlorofluoromethane	<0.49	0.49
96-18-4	1,2,3-Trichloropropane	<0.49	0.49
95-63-6	1,2,4-Trimethylbenzene	<0.49	0.49
108-67-8	1,3,5-Trimethylbenzene	<0.49	0.49

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (19-22')**	Sampled:	09/15/10 16:32
Lab Sample ID:	**1009312-10**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	94		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.20	0.20
136777-61-2	Xylene, Meta + Para	<0.49	0.49
95-47-6	Xylene, Ortho	<0.24	0.24

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	90	*75-123*
1,2-Dichloroethane-d4	95	*83-116*
Toluene-d8	100	*85-113*
4-Bromofluorobenzene	92	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-33S (19-22')**	Sampled:	09/15/10 16:32
Lab Sample ID:	**1009312-10**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**94**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	09/15/10 00:00
Lab Sample ID:	**1009312-11**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<2.1	2.1
107-13-1	Acrylonitrile	<0.21	0.21
71-43-2	Benzene	<0.10	0.10
108-86-1	Bromobenzene	<0.21	0.21
74-97-5	Bromochloromethane	<0.21	0.21
75-27-4	Bromodichloromethane	<0.21	0.21
75-25-2	Bromoform	<0.21	0.21
74-83-9	Bromomethane	<0.41	0.41
104-51-8	n-Butylbenzene	<0.10	0.10
135-98-8	sec-Butylbenzene	<0.10	0.10
98-06-6	tert-Butylbenzene	<0.10	0.10
75-15-0	Carbon Disulfide	<0.52	0.52
56-23-5	Carbon Tetrachloride	<0.10	0.10
108-90-7	Chlorobenzene	<0.10	0.10
75-00-3	Chloroethane	<0.52	0.52
67-66-3	Chloroform	<0.10	0.10
74-87-3	Chloromethane	<0.52	0.52
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.10
124-48-1	Dibromochloromethane	<0.21	0.21
106-93-4	1,2-Dibromoethane	<0.10	0.10
74-95-3	Dibromomethane	<0.52	0.52
110-57-6	trans-1,4-Dichloro-2-butene	<0.10	0.10
95-50-1	1,2-Dichlorobenzene	<0.21	0.21
541-73-1	1,3-Dichlorobenzene	<0.21	0.21
106-46-7	1,4-Dichlorobenzene	<0.21	0.21
75-71-8	Dichlorodifluoromethane	<0.52	0.52
75-34-3	1,1-Dichloroethane	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.10	0.10
75-35-4	1,1-Dichloroethene	<0.10	0.10
156-59-2	cis-1,2-Dichloroethene	<0.10	0.10
156-60-5	trans-1,2-Dichloroethene	<0.10	0.10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	09/15/10 00:00
Lab Sample ID:	**1009312-11**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.10	0.10
10061-01-5	cis-1,3-Dichloropropene	<0.10	0.10
10061-02-6	trans-1,3-Dichloropropene	<0.10	0.10
100-41-4	Ethylbenzene	<0.10	0.10
60-29-7	Ethyl Ether	<0.41	0.41
591-78-6	2-Hexanone	<5.2	5.2
74-88-4	Iodomethane	<0.21	0.21
98-82-8	Isopropylbenzene	<0.52	0.52
99-87-6	4-Isopropyltoluene	<0.21	0.21
1634-04-4	Methyl tert-Butyl Ether	<0.52	0.52
75-09-2	Methylene Chloride	<0.21	0.21
78-93-3	2-Butanone (MEK)	<1.5	1.5
91-57-6	2-Methylnaphthalene	<0.68	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.2	5.2
91-20-3	Naphthalene	<0.68	0.68
103-65-1	n-Propylbenzene	<0.21	0.21
100-42-5	Styrene	<0.10	0.10
630-20-6	1,1,1,2-Tetrachloroethane	<0.21	0.21
79-34-5	1,1,2,2-Tetrachloroethane	<0.10	0.10
127-18-4	Tetrachloroethene	**0.26**	0.10
109-99-9	Tetrahydrofuran	<2.1	2.1
108-88-3	Toluene	<0.21	0.21
87-61-6	1,2,3-Trichlorobenzene	<0.68	0.68
120-82-1	1,2,4-Trichlorobenzene	<0.68	0.68
71-55-6	1,1,1-Trichloroethane	<0.10	0.10
79-00-5	1,1,2-Trichloroethane	<0.10	0.10
79-01-6	Trichloroethene	**10**	0.10
75-69-4	Trichlorofluoromethane	<0.21	0.21
96-18-4	1,2,3-Trichloropropane	<0.21	0.21
95-63-6	1,2,4-Trimethylbenzene	<0.21	0.21
108-67-8	1,3,5-Trimethylbenzene	<0.21	0.21

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	09/15/10 00:00
Lab Sample ID:	**1009312-11**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.083	0.083
136777-61-2	Xylene, Meta + Para	<0.21	0.21
95-47-6	Xylene, Ortho	<0.10	0.10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	91	*75-123*
1,2-Dichloroethane-d4	95	*83-116*
Toluene-d8	99	*85-113*
4-Bromofluorobenzene	93	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-01**	Sampled:	09/15/10 00:00
Lab Sample ID:	**1009312-11**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (0.5-2.5')**	Sampled:	09/16/10 13:49
Lab Sample ID:	**1009312-12**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<0.97	0.97
107-13-1	Acrylonitrile	<0.097	0.097
71-43-2	Benzene	<0.049	0.049
108-86-1	Bromobenzene	<0.097	0.097
74-97-5	Bromochloromethane	<0.097	0.097
75-27-4	Bromodichloromethane	<0.097	0.097
75-25-2	Bromoform	<0.097	0.097
74-83-9	Bromomethane	<0.19	0.19
104-51-8	n-Butylbenzene	<0.049	0.049
135-98-8	sec-Butylbenzene	<0.049	0.049
98-06-6	tert-Butylbenzene	<0.049	0.049
75-15-0	Carbon Disulfide	<0.24	0.24
56-23-5	Carbon Tetrachloride	<0.049	0.049
108-90-7	Chlorobenzene	<0.049	0.049
75-00-3	Chloroethane	<0.24	0.24
67-66-3	Chloroform	<0.049	0.049
74-87-3	Chloromethane	<0.24	0.24
96-12-8	1,2-Dibromo-3-chloropropane	<0.049	0.049
124-48-1	Dibromochloromethane	<0.097	0.097
106-93-4	1,2-Dibromoethane	<0.049	0.049
74-95-3	Dibromomethane	<0.24	0.24
110-57-6	trans-1,4-Dichloro-2-butene	<0.049	0.049
95-50-1	1,2-Dichlorobenzene	<0.097	0.097
541-73-1	1,3-Dichlorobenzene	<0.097	0.097
106-46-7	1,4-Dichlorobenzene	<0.097	0.097
75-71-8	Dichlorodifluoromethane	<0.24	0.24
75-34-3	1,1-Dichloroethane	<0.049	0.049
107-06-2	1,2-Dichloroethane	<0.049	0.049
75-35-4	1,1-Dichloroethene	<0.049	0.049
156-59-2	cis-1,2-Dichloroethene	<0.049	0.049
156-60-5	trans-1,2-Dichloroethene	<0.049	0.049

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (0.5-2.5')**	Sampled:	09/16/10 13:49
Lab Sample ID:	**1009312-12**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.049	0.049
10061-01-5	cis-1,3-Dichloropropene	<0.049	0.049
10061-02-6	trans-1,3-Dichloropropene	<0.049	0.049
100-41-4	Ethylbenzene	<0.049	0.049
60-29-7	Ethyl Ether	<0.19	0.19
591-78-6	2-Hexanone	<2.4	2.4
74-88-4	Iodomethane	<0.097	0.097
98-82-8	Isopropylbenzene	<0.24	0.24
99-87-6	4-Isopropyltoluene	<0.097	0.097
1634-04-4	Methyl tert-Butyl Ether	<0.24	0.24
75-09-2	Methylene Chloride	<0.097	0.097
78-93-3	2-Butanone (MEK)	<0.73	0.73
91-57-6	2-Methylnaphthalene	<0.32	0.32
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.4	2.4
91-20-3	Naphthalene	<0.32	0.32
103-65-1	n-Propylbenzene	<0.097	0.097
100-42-5	Styrene	<0.049	0.049
630-20-6	1,1,1,2-Tetrachloroethane	<0.097	0.097
79-34-5	1,1,2,2-Tetrachloroethane	<0.049	0.049
127-18-4	Tetrachloroethene	<0.049	0.049
109-99-9	Tetrahydrofuran	<0.97	0.97
108-88-3	Toluene	<0.097	0.097
87-61-6	1,2,3-Trichlorobenzene	<0.32	0.32
120-82-1	1,2,4-Trichlorobenzene	<0.32	0.32
71-55-6	1,1,1-Trichloroethane	**0.74**	0.049
79-00-5	1,1,2-Trichloroethane	<0.049	0.049
79-01-6	Trichloroethene	**1.2**	0.049
75-69-4	Trichlorofluoromethane	<0.097	0.097
96-18-4	1,2,3-Trichloropropane	<0.097	0.097
95-63-6	1,2,4-Trimethylbenzene	<0.097	0.097
108-67-8	1,3,5-Trimethylbenzene	<0.097	0.097

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (0.5-2.5')**	Sampled:	09/16/10 13:49
Lab Sample ID:	**1009312-12**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.039	0.039
136777-61-2	Xylene, Meta + Para	<0.097	0.097
95-47-6	Xylene, Ortho	<0.049	0.049

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	90	*75-123*
1,2-Dichloroethane-d4	93	*83-116*
Toluene-d8	98	*85-113*
4-Bromofluorobenzene	95	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (0.5-2.5')**	Sampled:	09/16/10 13:49
Lab Sample ID:	**1009312-12**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (21-23')**	Sampled:	09/16/10 14:10
Lab Sample ID:	**1009312-13**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<2.6	2.6
107-13-1	Acrylonitrile	<0.26	0.26
71-43-2	Benzene	<0.13	0.13
108-86-1	Bromobenzene	<0.26	0.26
74-97-5	Bromochloromethane	<0.26	0.26
75-27-4	Bromodichloromethane	<0.26	0.26
75-25-2	Bromoform	<0.26	0.26
74-83-9	Bromomethane	<0.51	0.51
104-51-8	n-Butylbenzene	<0.13	0.13
135-98-8	sec-Butylbenzene	<0.13	0.13
98-06-6	tert-Butylbenzene	<0.13	0.13
75-15-0	Carbon Disulfide	<0.64	0.64
56-23-5	Carbon Tetrachloride	<0.13	0.13
108-90-7	Chlorobenzene	<0.13	0.13
75-00-3	Chloroethane	<0.64	0.64
67-66-3	Chloroform	<0.13	0.13
74-87-3	Chloromethane	<0.64	0.64
96-12-8	1,2-Dibromo-3-chloropropane	<0.13	0.13
124-48-1	Dibromochloromethane	<0.26	0.26
106-93-4	1,2-Dibromoethane	<0.13	0.13
74-95-3	Dibromomethane	<0.64	0.64
110-57-6	trans-1,4-Dichloro-2-butene	<0.13	0.13
95-50-1	1,2-Dichlorobenzene	<0.26	0.26
541-73-1	1,3-Dichlorobenzene	<0.26	0.26
106-46-7	1,4-Dichlorobenzene	<0.26	0.26
75-71-8	Dichlorodifluoromethane	<0.64	0.64
75-34-3	1,1-Dichloroethane	<0.13	0.13
107-06-2	1,2-Dichloroethane	<0.13	0.13
75-35-4	1,1-Dichloroethene	<0.13	0.13
156-59-2	cis-1,2-Dichloroethene	<0.13	0.13
156-60-5	trans-1,2-Dichloroethene	<0.13	0.13

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (21-23')**	Sampled:	09/16/10 14:10
Lab Sample ID:	**1009312-13**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.13	0.13
10061-01-5	cis-1,3-Dichloropropene	<0.13	0.13
10061-02-6	trans-1,3-Dichloropropene	<0.13	0.13
100-41-4	Ethylbenzene	<0.13	0.13
60-29-7	Ethyl Ether	<0.51	0.51
591-78-6	2-Hexanone	<6.4	6.4
74-88-4	Iodomethane	<0.26	0.26
98-82-8	Isopropylbenzene	<0.64	0.64
99-87-6	4-Isopropyltoluene	<0.26	0.26
1634-04-4	Methyl tert-Butyl Ether	<0.64	0.64
75-09-2	Methylene Chloride	<0.26	0.26
78-93-3	2-Butanone (MEK)	<1.9	1.9
91-57-6	2-Methylnaphthalene	<0.85	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	<6.4	6.4
91-20-3	Naphthalene	<0.85	0.85
103-65-1	n-Propylbenzene	<0.26	0.26
100-42-5	Styrene	<0.13	0.13
630-20-6	1,1,1,2-Tetrachloroethane	<0.26	0.26
79-34-5	1,1,2,2-Tetrachloroethane	<0.13	0.13
127-18-4	Tetrachloroethene	**0.33**	0.13
109-99-9	Tetrahydrofuran	<2.6	2.6
108-88-3	Toluene	<0.26	0.26
87-61-6	1,2,3-Trichlorobenzene	<0.85	0.85
120-82-1	1,2,4-Trichlorobenzene	<0.85	0.85
71-55-6	1,1,1-Trichloroethane	**9.6**	0.13
79-00-5	1,1,2-Trichloroethane	<0.13	0.13
79-01-6	Trichloroethene	**14**	0.13
75-69-4	Trichlorofluoromethane	<0.26	0.26
96-18-4	1,2,3-Trichloropropane	<0.26	0.26
95-63-6	1,2,4-Trimethylbenzene	<0.26	0.26
108-67-8	1,3,5-Trimethylbenzene	<0.26	0.26

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (21-23')**	Sampled:	09/16/10 14:10
Lab Sample ID:	**1009312-13**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.10	0.10
136777-61-2	Xylene, Meta + Para	<0.26	0.26
95-47-6	Xylene, Ortho	<0.13	0.13

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	95	*75-123*
1,2-Dichloroethane-d4	93	*83-116*
Toluene-d8	96	*85-113*
4-Bromofluorobenzene	95	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**MW-34S (21-23')**	Sampled:	09/16/10 14:10
Lab Sample ID:	**1009312-13**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (0.5-4.0')**	Sampled:	09/16/10 18:38
Lab Sample ID:	**1009312-14**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	91		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.1	1.1
107-13-1	Acrylonitrile	<0.11	0.11
71-43-2	Benzene	<0.055	0.055
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11
75-27-4	Bromodichloromethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.22	0.22
104-51-8	n-Butylbenzene	<0.055	0.055
135-98-8	sec-Butylbenzene	<0.055	0.055
98-06-6	tert-Butylbenzene	<0.055	0.055
75-15-0	Carbon Disulfide	<0.27	0.27
56-23-5	Carbon Tetrachloride	<0.055	0.055
108-90-7	Chlorobenzene	<0.055	0.055
75-00-3	Chloroethane	<0.27	0.27
67-66-3	Chloroform	<0.055	0.055
74-87-3	Chloromethane	<0.27	0.27
96-12-8	1,2-Dibromo-3-chloropropane	<0.055	0.055
124-48-1	Dibromochloromethane	<0.11	0.11
106-93-4	1,2-Dibromoethane	<0.055	0.055
74-95-3	Dibromomethane	<0.27	0.27
110-57-6	trans-1,4-Dichloro-2-butene	<0.055	0.055
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.27	0.27
75-34-3	1,1-Dichloroethane	<0.055	0.055
107-06-2	1,2-Dichloroethane	<0.055	0.055
75-35-4	1,1-Dichloroethene	<0.055	0.055
156-59-2	cis-1,2-Dichloroethene	<0.055	0.055
156-60-5	trans-1,2-Dichloroethene	<0.055	0.055

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (0.5-4.0')**	Sampled:	09/16/10 18:38
Lab Sample ID:	**1009312-14**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	91		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.055	0.055
10061-01-5	cis-1,3-Dichloropropene	<0.055	0.055
10061-02-6	trans-1,3-Dichloropropene	<0.055	0.055
100-41-4	Ethylbenzene	<0.055	0.055
60-29-7	Ethyl Ether	<0.22	0.22
591-78-6	2-Hexanone	<2.7	2.7
74-88-4	Iodomethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.27	0.27
99-87-6	4-Isopropyltoluene	<0.11	0.11
1634-04-4	Methyl tert-Butyl Ether	<0.27	0.27
75-09-2	Methylene Chloride	<0.11	0.11
78-93-3	2-Butanone (MEK)	<0.82	0.82
91-57-6	2-Methylnaphthalene	<0.36	0.36
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.7	2.7
91-20-3	Naphthalene	<0.36	0.36
103-65-1	n-Propylbenzene	<0.11	0.11
100-42-5	Styrene	<0.055	0.055
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
79-34-5	1,1,2,2-Tetrachloroethane	<0.055	0.055
127-18-4	Tetrachloroethene	<0.055	0.055
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.11	0.11
87-61-6	1,2,3-Trichlorobenzene	<0.36	0.36
120-82-1	1,2,4-Trichlorobenzene	<0.36	0.36
71-55-6	1,1,1-Trichloroethane	<0.055	0.055
79-00-5	1,1,2-Trichloroethane	<0.055	0.055
79-01-6	Trichloroethene	**1.9**	0.055
75-69-4	Trichlorofluoromethane	<0.11	0.11
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (0.5-4.0')**	Sampled:	09/16/10 18:38
Lab Sample ID:	**1009312-14**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	91		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.044	0.044
136777-61-2	Xylene, Meta + Para	<0.11	0.11
95-47-6	Xylene, Ortho	<0.055	0.055

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	88	*75-123*
1,2-Dichloroethane-d4	90	*83-116*
Toluene-d8	98	*85-113*
4-Bromofluorobenzene	91	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (0.5-4.0')**	Sampled:	09/16/10 18:38
Lab Sample ID:	**1009312-14**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**91**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (21-23')**	Sampled:	09/16/10 18:55
Lab Sample ID:	**1009312-15**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<2.8	2.8
107-13-1	Acrylonitrile	<0.28	0.28
71-43-2	Benzene	<0.14	0.14
108-86-1	Bromobenzene	<0.28	0.28
74-97-5	Bromochloromethane	<0.28	0.28
75-27-4	Bromodichloromethane	<0.28	0.28
75-25-2	Bromoform	<0.28	0.28
74-83-9	Bromomethane	<0.56	0.56
104-51-8	n-Butylbenzene	<0.14	0.14
135-98-8	sec-Butylbenzene	<0.14	0.14
98-06-6	tert-Butylbenzene	<0.14	0.14
75-15-0	Carbon Disulfide	<0.70	0.70
56-23-5	Carbon Tetrachloride	<0.14	0.14
108-90-7	Chlorobenzene	<0.14	0.14
75-00-3	Chloroethane	<0.70	0.70
67-66-3	Chloroform	<0.14	0.14
74-87-3	Chloromethane	<0.70	0.70
96-12-8	1,2-Dibromo-3-chloropropane	<0.14	0.14
124-48-1	Dibromochloromethane	<0.28	0.28
106-93-4	1,2-Dibromoethane	<0.14	0.14
74-95-3	Dibromomethane	<0.70	0.70
110-57-6	trans-1,4-Dichloro-2-butene	<0.14	0.14
95-50-1	1,2-Dichlorobenzene	<0.28	0.28
541-73-1	1,3-Dichlorobenzene	<0.28	0.28
106-46-7	1,4-Dichlorobenzene	<0.28	0.28
75-71-8	Dichlorodifluoromethane	<0.70	0.70
75-34-3	1,1-Dichloroethane	<0.14	0.14
107-06-2	1,2-Dichloroethane	<0.14	0.14
75-35-4	1,1-Dichloroethene	<0.14	0.14
156-59-2	cis-1,2-Dichloroethene	**0.17**	0.14
156-60-5	trans-1,2-Dichloroethene	<0.14	0.14

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (21-23')**	Sampled:	09/16/10 18:55
Lab Sample ID:	**1009312-15**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.14	0.14
10061-01-5	cis-1,3-Dichloropropene	<0.14	0.14
10061-02-6	trans-1,3-Dichloropropene	<0.14	0.14
100-41-4	Ethylbenzene	<0.14	0.14
60-29-7	Ethyl Ether	<0.56	0.56
591-78-6	2-Hexanone	<7.0	7.0
74-88-4	Iodomethane	<0.28	0.28
98-82-8	Isopropylbenzene	<0.70	0.70
99-87-6	4-Isopropyltoluene	<0.28	0.28
1634-04-4	Methyl tert-Butyl Ether	<0.70	0.70
75-09-2	Methylene Chloride	<0.28	0.28
78-93-3	2-Butanone (MEK)	<2.1	2.1
91-57-6	2-Methylnaphthalene	<0.92	0.92
108-10-1	4-Methyl-2-pentanone (MIBK)	<7.0	7.0
91-20-3	Naphthalene	<0.92	0.92
103-65-1	n-Propylbenzene	<0.28	0.28
100-42-5	Styrene	<0.14	0.14
630-20-6	1,1,1,2-Tetrachloroethane	<0.28	0.28
79-34-5	1,1,2,2-Tetrachloroethane	<0.14	0.14
127-18-4	Tetrachloroethene	<0.14	0.14
109-99-9	Tetrahydrofuran	<2.8	2.8
108-88-3	Toluene	<0.28	0.28
87-61-6	1,2,3-Trichlorobenzene	<0.92	0.92
120-82-1	1,2,4-Trichlorobenzene	<0.92	0.92
71-55-6	1,1,1-Trichloroethane	**0.20**	0.14
79-00-5	1,1,2-Trichloroethane	<0.14	0.14
79-01-6	Trichloroethene	**17**	0.14
75-69-4	Trichlorofluoromethane	<0.28	0.28
96-18-4	1,2,3-Trichloropropane	<0.28	0.28
95-63-6	1,2,4-Trimethylbenzene	<0.28	0.28
108-67-8	1,3,5-Trimethylbenzene	<0.28	0.28

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (21-23')**	Sampled:	09/16/10 18:55
Lab Sample ID:	**1009312-15**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2.5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.11	0.11
136777-61-2	Xylene, Meta + Para	<0.28	0.28
95-47-6	Xylene, Ortho	<0.14	0.14

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	91	*75-123*
1,2-Dichloroethane-d4	93	*83-116*
Toluene-d8	99	*85-113*
4-Bromofluorobenzene	94	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (21-23')**	Sampled:	09/16/10 18:55
Lab Sample ID:	**1009312-15**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (23-28')**	Sampled:	09/16/10 19:39
Lab Sample ID:	**1009312-16**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**71**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (23-28')**	Sampled:	09/16/10 19:39
Lab Sample ID:	**1009312-16**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**13**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**980**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-13 (23-28')**	Sampled:	09/16/10 19:39
Lab Sample ID:	**1009312-16**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	101	*88-115*
1,2-Dichloroethane-d4	107	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	97	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-02**	Sampled:	09/16/10 00:00
Lab Sample ID:	**1009312-17**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**69**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-02**	Sampled:	09/16/10 00:00
Lab Sample ID:	**1009312-17**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**12**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**970**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**DUP-02**	Sampled:	09/16/10 00:00
Lab Sample ID:	**1009312-17**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	101	*88-115*
1,2-Dichloroethane-d4	108	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	99	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (0.5-3.5')**	Sampled:	09/17/10 09:04
Lab Sample ID:	**1009312-18**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.2	1.2
107-13-1	Acrylonitrile	<0.12	0.12
71-43-2	Benzene	<0.058	0.058
108-86-1	Bromobenzene	<0.12	0.12
74-97-5	Bromochloromethane	<0.12	0.12
75-27-4	Bromodichloromethane	<0.12	0.12
75-25-2	Bromoform	<0.12	0.12
74-83-9	Bromomethane	<0.23	0.23
104-51-8	n-Butylbenzene	<0.058	0.058
135-98-8	sec-Butylbenzene	<0.058	0.058
98-06-6	tert-Butylbenzene	<0.058	0.058
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.058	0.058
108-90-7	Chlorobenzene	<0.058	0.058
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.058	0.058
74-87-3	Chloromethane	<0.29	0.29
96-12-8	1,2-Dibromo-3-chloropropane	<0.058	0.058
124-48-1	Dibromochloromethane	<0.12	0.12
106-93-4	1,2-Dibromoethane	<0.058	0.058
74-95-3	Dibromomethane	<0.29	0.29
110-57-6	trans-1,4-Dichloro-2-butene	<0.058	0.058
95-50-1	1,2-Dichlorobenzene	<0.12	0.12
541-73-1	1,3-Dichlorobenzene	<0.12	0.12
106-46-7	1,4-Dichlorobenzene	<0.12	0.12
75-71-8	Dichlorodifluoromethane	<0.29	0.29
75-34-3	1,1-Dichloroethane	<0.058	0.058
107-06-2	1,2-Dichloroethane	<0.058	0.058
75-35-4	1,1-Dichloroethene	<0.058	0.058
156-59-2	cis-1,2-Dichloroethene	<0.058	0.058
156-60-5	trans-1,2-Dichloroethene	<0.058	0.058

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (0.5-3.5')**	Sampled:	09/17/10 09:04
Lab Sample ID:	**1009312-18**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.058	0.058
10061-01-5	cis-1,3-Dichloropropene	<0.058	0.058
10061-02-6	trans-1,3-Dichloropropene	<0.058	0.058
100-41-4	Ethylbenzene	<0.058	0.058
60-29-7	Ethyl Ether	<0.23	0.23
591-78-6	2-Hexanone	<2.9	2.9
74-88-4	Iodomethane	<0.12	0.12
98-82-8	Isopropylbenzene	<0.29	0.29
99-87-6	4-Isopropyltoluene	<0.12	0.12
1634-04-4	Methyl tert-Butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.12	0.12
78-93-3	2-Butanone (MEK)	<0.87	0.87
91-57-6	2-Methylnaphthalene	<0.38	0.38
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.9	2.9
91-20-3	Naphthalene	<0.38	0.38
103-65-1	n-Propylbenzene	<0.12	0.12
100-42-5	Styrene	<0.058	0.058
630-20-6	1,1,1,2-Tetrachloroethane	<0.12	0.12
79-34-5	1,1,2,2-Tetrachloroethane	<0.058	0.058
127-18-4	Tetrachloroethene	<0.058	0.058
109-99-9	Tetrahydrofuran	<1.2	1.2
108-88-3	Toluene	<0.12	0.12
87-61-6	1,2,3-Trichlorobenzene	<0.38	0.38
120-82-1	1,2,4-Trichlorobenzene	<0.38	0.38
71-55-6	1,1,1-Trichloroethane	**0.063**	0.058
79-00-5	1,1,2-Trichloroethane	<0.058	0.058
79-01-6	Trichloroethene	**0.64**	0.058
75-69-4	Trichlorofluoromethane	<0.12	0.12
96-18-4	1,2,3-Trichloropropane	<0.12	0.12
95-63-6	1,2,4-Trimethylbenzene	<0.12	0.12
108-67-8	1,3,5-Trimethylbenzene	<0.12	0.12

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (0.5-3.5')**	Sampled:	09/17/10 09:04
Lab Sample ID:	**1009312-18**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/26/10 By: JDM
Dilution Factor:	1	Analyzed:	09/26/10 By: JDM
QC Batch:	1010042	Analytical Batch:	0I28049
Percent Solids:	86		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.047	0.047
136777-61-2	Xylene, Meta + Para	<0.12	0.12
95-47-6	Xylene, Ortho	<0.058	0.058

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	87	*75-123*
1,2-Dichloroethane-d4	91	*83-116*
Toluene-d8	97	*85-113*
4-Bromofluorobenzene	92	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (0.5-3.5')**	Sampled:	09/17/10 09:04
Lab Sample ID:	**1009312-18**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**86**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (22-23')**	Sampled:	09/17/10 09:40
Lab Sample ID:	**1009312-19**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<5.2	5.2
107-13-1	Acrylonitrile	<0.52	0.52
71-43-2	Benzene	<0.26	0.26
108-86-1	Bromobenzene	<0.52	0.52
74-97-5	Bromochloromethane	<0.52	0.52
75-27-4	Bromodichloromethane	<0.52	0.52
75-25-2	Bromoform	<0.52	0.52
74-83-9	Bromomethane	<1.0	1.0
104-51-8	n-Butylbenzene	<0.26	0.26
135-98-8	sec-Butylbenzene	<0.26	0.26
98-06-6	tert-Butylbenzene	<0.26	0.26
75-15-0	Carbon Disulfide	<1.3	1.3
56-23-5	Carbon Tetrachloride	<0.26	0.26
108-90-7	Chlorobenzene	<0.26	0.26
75-00-3	Chloroethane	<1.3	1.3
67-66-3	Chloroform	<0.26	0.26
74-87-3	Chloromethane	<1.3	1.3
96-12-8	1,2-Dibromo-3-chloropropane	<0.26	0.26
124-48-1	Dibromochloromethane	<0.52	0.52
106-93-4	1,2-Dibromoethane	<0.26	0.26
74-95-3	Dibromomethane	<1.3	1.3
110-57-6	trans-1,4-Dichloro-2-butene	<0.26	0.26
95-50-1	1,2-Dichlorobenzene	<0.52	0.52
541-73-1	1,3-Dichlorobenzene	<0.52	0.52
106-46-7	1,4-Dichlorobenzene	<0.52	0.52
75-71-8	Dichlorodifluoromethane	<1.3	1.3
75-34-3	1,1-Dichloroethane	<0.26	0.26
107-06-2	1,2-Dichloroethane	<0.26	0.26
75-35-4	1,1-Dichloroethene	<0.26	0.26
156-59-2	cis-1,2-Dichloroethene	<0.26	0.26
156-60-5	trans-1,2-Dichloroethene	<0.26	0.26

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (22-23')**	Sampled:	09/17/10 09:40
Lab Sample ID:	**1009312-19**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.26	0.26
10061-01-5	cis-1,3-Dichloropropene	<0.26	0.26
10061-02-6	trans-1,3-Dichloropropene	<0.26	0.26
100-41-4	Ethylbenzene	<0.26	0.26
60-29-7	Ethyl Ether	<1.0	1.0
591-78-6	2-Hexanone	<13	13
74-88-4	Iodomethane	<0.52	0.52
98-82-8	Isopropylbenzene	<1.3	1.3
99-87-6	4-Isopropyltoluene	<0.52	0.52
1634-04-4	Methyl tert-Butyl Ether	<1.3	1.3
75-09-2	Methylene Chloride	<0.52	0.52
78-93-3	2-Butanone (MEK)	<3.9	3.9
91-57-6	2-Methylnaphthalene	<1.7	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	<13	13
91-20-3	Naphthalene	<1.7	1.7
103-65-1	n-Propylbenzene	<0.52	0.52
100-42-5	Styrene	<0.26	0.26
630-20-6	1,1,1,2-Tetrachloroethane	<0.52	0.52
79-34-5	1,1,2,2-Tetrachloroethane	<0.26	0.26
127-18-4	Tetrachloroethene	<0.26	0.26
109-99-9	Tetrahydrofuran	<5.2	5.2
108-88-3	Toluene	<0.52	0.52
87-61-6	1,2,3-Trichlorobenzene	<1.7	1.7
120-82-1	1,2,4-Trichlorobenzene	<1.7	1.7
71-55-6	1,1,1-Trichloroethane	**2.3**	0.26
79-00-5	1,1,2-Trichloroethane	<0.26	0.26
79-01-6	Trichloroethene	**18**	0.26
75-69-4	Trichlorofluoromethane	<0.52	0.52
96-18-4	1,2,3-Trichloropropane	<0.52	0.52
95-63-6	1,2,4-Trimethylbenzene	<0.52	0.52
108-67-8	1,3,5-Trimethylbenzene	<0.52	0.52

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (22-23')**	Sampled:	09/17/10 09:40
Lab Sample ID:	**1009312-19**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.21	0.21
136777-61-2	Xylene, Meta + Para	<0.52	0.52
95-47-6	Xylene, Ortho	<0.26	0.26

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	91	*75-123*
1,2-Dichloroethane-d4	90	*83-116*
Toluene-d8	98	*85-113*
4-Bromofluorobenzene	92	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (22-23')**	Sampled:	09/17/10 09:40
Lab Sample ID:	**1009312-19**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (23-28')**	Sampled:	09/17/10 10:23
Lab Sample ID:	**1009312-20**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**28**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**120**	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (23-28')**	Sampled:	09/17/10 10:23
Lab Sample ID:	**1009312-20**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	**280**	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**1300**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-14 (23-28')**	Sampled:	09/17/10 10:23
Lab Sample ID:	**1009312-20**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	102	*88-115*
1,2-Dichloroethane-d4	107	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	98	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (2-4')**	Sampled:	09/17/10 10:45
Lab Sample ID:	**1009312-21**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	10	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<11	11
107-13-1	Acrylonitrile	<1.1	1.1
71-43-2	Benzene	<0.57	0.57
108-86-1	Bromobenzene	<1.1	1.1
74-97-5	Bromochloromethane	<1.1	1.1
75-27-4	Bromodichloromethane	<1.1	1.1
75-25-2	Bromoform	<1.1	1.1
74-83-9	Bromomethane	<2.3	2.3
104-51-8	n-Butylbenzene	**1.4**	0.57
135-98-8	sec-Butylbenzene	**1.1**	0.57
98-06-6	tert-Butylbenzene	<0.57	0.57
75-15-0	Carbon Disulfide	<2.8	2.8
56-23-5	Carbon Tetrachloride	<0.57	0.57
108-90-7	Chlorobenzene	<0.57	0.57
75-00-3	Chloroethane	<2.8	2.8
67-66-3	Chloroform	<0.57	0.57
74-87-3	Chloromethane	<2.8	2.8
96-12-8	1,2-Dibromo-3-chloropropane	<0.57	0.57
124-48-1	Dibromochloromethane	<1.1	1.1
106-93-4	1,2-Dibromoethane	<0.57	0.57
74-95-3	Dibromomethane	<2.8	2.8
110-57-6	trans-1,4-Dichloro-2-butene	<0.57	0.57
95-50-1	1,2-Dichlorobenzene	<1.1	1.1
541-73-1	1,3-Dichlorobenzene	<1.1	1.1
106-46-7	1,4-Dichlorobenzene	<1.1	1.1
75-71-8	Dichlorodifluoromethane	<2.8	2.8
75-34-3	1,1-Dichloroethane	<0.57	0.57
107-06-2	1,2-Dichloroethane	<0.57	0.57
75-35-4	1,1-Dichloroethene	<0.57	0.57
156-59-2	cis-1,2-Dichloroethene	**6.7**	0.57
156-60-5	trans-1,2-Dichloroethene	<0.57	0.57

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (2-4')**	Sampled:	09/17/10 10:45
Lab Sample ID:	**1009312-21**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	10	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.57	0.57
10061-01-5	cis-1,3-Dichloropropene	<0.57	0.57
10061-02-6	trans-1,3-Dichloropropene	<0.57	0.57
100-41-4	Ethylbenzene	<0.57	0.57
60-29-7	Ethyl Ether	<2.3	2.3
591-78-6	2-Hexanone	<28	28
74-88-4	Iodomethane	<1.1	1.1
98-82-8	Isopropylbenzene	<2.8	2.8
99-87-6	4-Isopropyltoluene	<1.1	1.1
1634-04-4	Methyl tert-Butyl Ether	<2.8	2.8
75-09-2	Methylene Chloride	<1.1	1.1
78-93-3	2-Butanone (MEK)	<8.5	8.5
91-57-6	2-Methylnaphthalene	<3.7	3.7
108-10-1	4-Methyl-2-pentanone (MIBK)	<28	28
91-20-3	Naphthalene	<3.7	3.7
103-65-1	n-Propylbenzene	<1.1	1.1
100-42-5	Styrene	<0.57	0.57
630-20-6	1,1,1,2-Tetrachloroethane	<1.1	1.1
79-34-5	1,1,2,2-Tetrachloroethane	<0.57	0.57
127-18-4	Tetrachloroethene	**0.63**	0.57
109-99-9	Tetrahydrofuran	<11	11
108-88-3	Toluene	<1.1	1.1
87-61-6	1,2,3-Trichlorobenzene	<3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	<3.7	3.7
71-55-6	1,1,1-Trichloroethane	<0.57	0.57
79-00-5	1,1,2-Trichloroethane	<0.57	0.57
79-01-6	Trichloroethene	**72**	0.57
75-69-4	Trichlorofluoromethane	<1.1	1.1
96-18-4	1,2,3-Trichloropropane	<1.1	1.1
95-63-6	1,2,4-Trimethylbenzene	<1.1	1.1
108-67-8	1,3,5-Trimethylbenzene	<1.1	1.1

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (2-4')**	Sampled:	09/17/10 10:45
Lab Sample ID:	**1009312-21**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	10	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.45	0.45
136777-61-2	Xylene, Meta + Para	<1.1	1.1
95-47-6	Xylene, Ortho	<0.57	0.57

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	87	*75-123*
1,2-Dichloroethane-d4	92	*83-116*
Toluene-d8	97	*85-113*
4-Bromofluorobenzene	97	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (2-4')**	Sampled:	09/17/10 10:45
Lab Sample ID:	**1009312-21**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**88**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (19-20')**	Sampled:	09/17/10 11:20
Lab Sample ID:	**1009312-22**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<2.1	2.1
107-13-1	Acrylonitrile	<0.21	0.21
71-43-2	Benzene	<0.10	0.10
108-86-1	Bromobenzene	<0.21	0.21
74-97-5	Bromochloromethane	<0.21	0.21
75-27-4	Bromodichloromethane	<0.21	0.21
75-25-2	Bromoform	<0.21	0.21
74-83-9	Bromomethane	<0.41	0.41
104-51-8	n-Butylbenzene	<0.10	0.10
135-98-8	sec-Butylbenzene	<0.10	0.10
98-06-6	tert-Butylbenzene	<0.10	0.10
75-15-0	Carbon Disulfide	<0.52	0.52
56-23-5	Carbon Tetrachloride	<0.10	0.10
108-90-7	Chlorobenzene	<0.10	0.10
75-00-3	Chloroethane	<0.52	0.52
67-66-3	Chloroform	<0.10	0.10
74-87-3	Chloromethane	<0.52	0.52
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.10
124-48-1	Dibromochloromethane	<0.21	0.21
106-93-4	1,2-Dibromoethane	<0.10	0.10
74-95-3	Dibromomethane	<0.52	0.52
110-57-6	trans-1,4-Dichloro-2-butene	<0.10	0.10
95-50-1	1,2-Dichlorobenzene	<0.21	0.21
541-73-1	1,3-Dichlorobenzene	<0.21	0.21
106-46-7	1,4-Dichlorobenzene	<0.21	0.21
75-71-8	Dichlorodifluoromethane	<0.52	0.52
75-34-3	1,1-Dichloroethane	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.10	0.10
75-35-4	1,1-Dichloroethene	<0.10	0.10
156-59-2	cis-1,2-Dichloroethene	**0.35**	0.10
156-60-5	trans-1,2-Dichloroethene	<0.10	0.10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (19-20')**	Sampled:	09/17/10 11:20
Lab Sample ID:	**1009312-22**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.10	0.10
10061-01-5	cis-1,3-Dichloropropene	<0.10	0.10
10061-02-6	trans-1,3-Dichloropropene	<0.10	0.10
100-41-4	Ethylbenzene	<0.10	0.10
60-29-7	Ethyl Ether	<0.41	0.41
591-78-6	2-Hexanone	<5.2	5.2
74-88-4	Iodomethane	<0.21	0.21
98-82-8	Isopropylbenzene	<0.52	0.52
99-87-6	4-Isopropyltoluene	<0.21	0.21
1634-04-4	Methyl tert-Butyl Ether	<0.52	0.52
75-09-2	Methylene Chloride	<0.21	0.21
78-93-3	2-Butanone (MEK)	<1.5	1.5
91-57-6	2-Methylnaphthalene	<0.68	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.2	5.2
91-20-3	Naphthalene	<0.68	0.68
103-65-1	n-Propylbenzene	<0.21	0.21
100-42-5	Styrene	<0.10	0.10
630-20-6	1,1,1,2-Tetrachloroethane	<0.21	0.21
79-34-5	1,1,2,2-Tetrachloroethane	<0.10	0.10
127-18-4	Tetrachloroethene	**0.13**	0.10
109-99-9	Tetrahydrofuran	<2.1	2.1
108-88-3	Toluene	<0.21	0.21
87-61-6	1,2,3-Trichlorobenzene	<0.68	0.68
120-82-1	1,2,4-Trichlorobenzene	<0.68	0.68
71-55-6	1,1,1-Trichloroethane	<0.10	0.10
79-00-5	1,1,2-Trichloroethane	<0.10	0.10
79-01-6	Trichloroethene	**18**	0.10
75-69-4	Trichlorofluoromethane	<0.21	0.21
96-18-4	1,2,3-Trichloropropane	<0.21	0.21
95-63-6	1,2,4-Trimethylbenzene	<0.21	0.21
108-67-8	1,3,5-Trimethylbenzene	<0.21	0.21

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (19-20')**	Sampled:	09/17/10 11:20
Lab Sample ID:	**1009312-22**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	2	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.083	0.083
136777-61-2	Xylene, Meta + Para	<0.21	0.21
95-47-6	Xylene, Ortho	<0.10	0.10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	92	*75-123*
1,2-Dichloroethane-d4	93	*83-116*
Toluene-d8	101	*85-113*
4-Bromofluorobenzene	91	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (19-20')**	Sampled:	09/17/10 11:20
Lab Sample ID:	**1009312-22**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (22-27')**	Sampled:	09/17/10 11:43
Lab Sample ID:	**1009312-23**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	**57**	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	**1300**	10
156-60-5	trans-1,2-Dichloroethene	**62**	10

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (22-27')**	Sampled:	09/17/10 11:43
Lab Sample ID:	**1009312-23**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<10	10
10061-01-5	cis-1,3-Dichloropropene	<10	10
10061-02-6	trans-1,3-Dichloropropene	<10	10
100-41-4	Ethylbenzene	<10	10
60-29-7	Ethyl Ether	<50	50
591-78-6	2-Hexanone	<50	50
74-88-4	Iodomethane	<10	10
98-82-8	Isopropylbenzene	<10	10
99-87-6	4-Isopropyltoluene	<50	50
1634-04-4	Methyl tert-Butyl Ether	<50	50
75-09-2	Methylene Chloride	<50	50
78-93-3	2-Butanone (MEK)	<50	50
91-57-6	2-Methylnaphthalene	<50	50
108-10-1	4-Methyl-2-pentanone (MIBK)	<50	50
91-20-3	Naphthalene	<50	50
103-65-1	n-Propylbenzene	<10	10
100-42-5	Styrene	<10	10
630-20-6	1,1,1,2-Tetrachloroethane	<10	10
79-34-5	1,1,2,2-Tetrachloroethane	<10	10
127-18-4	Tetrachloroethene	<10	10
109-99-9	Tetrahydrofuran	<50	50
108-88-3	Toluene	<10	10
87-61-6	1,2,3-Trichlorobenzene	<50	50
120-82-1	1,2,4-Trichlorobenzene	<50	50
71-55-6	1,1,1-Trichloroethane	<10	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	**87**	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-15 (22-27')**	Sampled:	09/17/10 11:43
Lab Sample ID:	**1009312-23**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	10	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**660**	10
136777-61-2	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	103	*88-115*
1,2-Dichloroethane-d4	109	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	96	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**B-35 (11-16')**	Sampled:	09/17/10 14:21
Lab Sample ID:	**1009312-24**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**1.1**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**69**	1.0
156-60-5	trans-1,2-Dichloroethene	**5.9**	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**B-35 (11-16')**	Sampled:	09/17/10 14:21
Lab Sample ID:	**1009312-24**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**B-35 (11-16')**	Sampled:	09/17/10 14:21
Lab Sample ID:	**1009312-24**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	100	*88-115*
1,2-Dichloroethane-d4	106	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	97	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (2-4')**	Sampled:	09/17/10 18:01
Lab Sample ID:	**1009312-25**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.1	1.1
107-13-1	Acrylonitrile	<0.11	0.11
71-43-2	Benzene	<0.057	0.057
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11
75-27-4	Bromodichloromethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.23	0.23
104-51-8	n-Butylbenzene	<0.057	0.057
135-98-8	sec-Butylbenzene	<0.057	0.057
98-06-6	tert-Butylbenzene	<0.057	0.057
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.057	0.057
108-90-7	Chlorobenzene	<0.057	0.057
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.057	0.057
74-87-3	Chloromethane	<0.29	0.29
96-12-8	1,2-Dibromo-3-chloropropane	<0.057	0.057
124-48-1	Dibromochloromethane	<0.11	0.11
106-93-4	1,2-Dibromoethane	<0.057	0.057
74-95-3	Dibromomethane	<0.29	0.29
110-57-6	trans-1,4-Dichloro-2-butene	<0.057	0.057
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.29	0.29
75-34-3	1,1-Dichloroethane	<0.057	0.057
107-06-2	1,2-Dichloroethane	<0.057	0.057
75-35-4	1,1-Dichloroethene	<0.057	0.057
156-59-2	cis-1,2-Dichloroethene	<0.057	0.057
156-60-5	trans-1,2-Dichloroethene	<0.057	0.057

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (2-4')**	Sampled:	09/17/10 18:01
Lab Sample ID:	**1009312-25**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.057	0.057
10061-01-5	cis-1,3-Dichloropropene	<0.057	0.057
10061-02-6	trans-1,3-Dichloropropene	<0.057	0.057
100-41-4	Ethylbenzene	<0.057	0.057
60-29-7	Ethyl Ether	<0.23	0.23
591-78-6	2-Hexanone	<2.9	2.9
74-88-4	Iodomethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.29	0.29
99-87-6	4-Isopropyltoluene	<0.11	0.11
1634-04-4	Methyl tert-Butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.11	0.11
78-93-3	2-Butanone (MEK)	<0.86	0.86
91-57-6	2-Methylnaphthalene	<0.38	0.38
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.9	2.9
91-20-3	Naphthalene	<0.38	0.38
103-65-1	n-Propylbenzene	<0.11	0.11
100-42-5	Styrene	<0.057	0.057
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
79-34-5	1,1,2,2-Tetrachloroethane	<0.057	0.057
127-18-4	Tetrachloroethene	<0.057	0.057
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.11	0.11
87-61-6	1,2,3-Trichlorobenzene	<0.38	0.38
120-82-1	1,2,4-Trichlorobenzene	<0.38	0.38
71-55-6	1,1,1-Trichloroethane	<0.057	0.057
79-00-5	1,1,2-Trichloroethane	<0.057	0.057
79-01-6	Trichloroethene	**1.7**	0.057
75-69-4	Trichlorofluoromethane	<0.11	0.11
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (2-4')**	Sampled:	09/17/10 18:01
Lab Sample ID:	**1009312-25**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	88		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.046	0.046
136777-61-2	Xylene, Meta + Para	<0.11	0.11
95-47-6	Xylene, Ortho	<0.057	0.057

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	90	*75-123*
1,2-Dichloroethane-d4	91	*83-116*
Toluene-d8	99	*85-113*
4-Bromofluorobenzene	93	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (2-4')**	Sampled:	09/17/10 18:01
Lab Sample ID:	**1009312-25**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**88**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-20')**	Sampled:	09/17/10 18:13
Lab Sample ID:	**1009312-26**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<5.2	5.2
107-13-1	Acrylonitrile	<0.52	0.52
71-43-2	Benzene	<0.26	0.26
108-86-1	Bromobenzene	<0.52	0.52
74-97-5	Bromochloromethane	<0.52	0.52
75-27-4	Bromodichloromethane	<0.52	0.52
75-25-2	Bromoform	<0.52	0.52
74-83-9	Bromomethane	<1.0	1.0
104-51-8	n-Butylbenzene	<0.26	0.26
135-98-8	sec-Butylbenzene	<0.26	0.26
98-06-6	tert-Butylbenzene	<0.26	0.26
75-15-0	Carbon Disulfide	<1.3	1.3
56-23-5	Carbon Tetrachloride	<0.26	0.26
108-90-7	Chlorobenzene	<0.26	0.26
75-00-3	Chloroethane	<1.3	1.3
67-66-3	Chloroform	<0.26	0.26
74-87-3	Chloromethane	<1.3	1.3
96-12-8	1,2-Dibromo-3-chloropropane	<0.26	0.26
124-48-1	Dibromochloromethane	<0.52	0.52
106-93-4	1,2-Dibromoethane	<0.26	0.26
74-95-3	Dibromomethane	<1.3	1.3
110-57-6	trans-1,4-Dichloro-2-butene	<0.26	0.26
95-50-1	1,2-Dichlorobenzene	<0.52	0.52
541-73-1	1,3-Dichlorobenzene	<0.52	0.52
106-46-7	1,4-Dichlorobenzene	<0.52	0.52
75-71-8	Dichlorodifluoromethane	<1.3	1.3
75-34-3	1,1-Dichloroethane	<0.26	0.26
107-06-2	1,2-Dichloroethane	<0.26	0.26
75-35-4	1,1-Dichloroethene	<0.26	0.26
156-59-2	cis-1,2-Dichloroethene	**0.47**	0.26
156-60-5	trans-1,2-Dichloroethene	<0.26	0.26

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-20')**	Sampled:	09/17/10 18:13
Lab Sample ID:	**1009312-26**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.26	0.26
10061-01-5	cis-1,3-Dichloropropene	<0.26	0.26
10061-02-6	trans-1,3-Dichloropropene	<0.26	0.26
100-41-4	Ethylbenzene	<0.26	0.26
60-29-7	Ethyl Ether	<1.0	1.0
591-78-6	2-Hexanone	<13	13
74-88-4	Iodomethane	<0.52	0.52
98-82-8	Isopropylbenzene	<1.3	1.3
99-87-6	4-Isopropyltoluene	<0.52	0.52
1634-04-4	Methyl tert-Butyl Ether	<1.3	1.3
75-09-2	Methylene Chloride	<0.52	0.52
78-93-3	2-Butanone (MEK)	<3.9	3.9
91-57-6	2-Methylnaphthalene	<1.7	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	<13	13
91-20-3	Naphthalene	<1.7	1.7
103-65-1	n-Propylbenzene	<0.52	0.52
100-42-5	Styrene	<0.26	0.26
630-20-6	1,1,1,2-Tetrachloroethane	<0.52	0.52
79-34-5	1,1,2,2-Tetrachloroethane	<0.26	0.26
127-18-4	Tetrachloroethene	<0.26	0.26
109-99-9	Tetrahydrofuran	<5.2	5.2
108-88-3	Toluene	<0.52	0.52
87-61-6	1,2,3-Trichlorobenzene	<1.7	1.7
120-82-1	1,2,4-Trichlorobenzene	<1.7	1.7
71-55-6	1,1,1-Trichloroethane	<0.26	0.26
79-00-5	1,1,2-Trichloroethane	<0.26	0.26
79-01-6	Trichloroethene	**33**	0.26
75-69-4	Trichlorofluoromethane	<0.52	0.52
96-18-4	1,2,3-Trichloropropane	<0.52	0.52
95-63-6	1,2,4-Trimethylbenzene	<0.52	0.52
108-67-8	1,3,5-Trimethylbenzene	<0.52	0.52

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-20')**	Sampled:	09/17/10 18:13
Lab Sample ID:	**1009312-26**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	5	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	96		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.21	0.21
136777-61-2	Xylene, Meta + Para	<0.52	0.52
95-47-6	Xylene, Ortho	<0.26	0.26

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	88	*75-123*
1,2-Dichloroethane-d4	92	*83-116*
Toluene-d8	98	*85-113*
4-Bromofluorobenzene	91	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-20')**	Sampled:	09/17/10 18:13
Lab Sample ID:	**1009312-26**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**96**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-24')**	Sampled:	09/17/10 18:27
Lab Sample ID:	**1009312-27**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	5	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	**25**	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	**150**	5.0
156-60-5	trans-1,2-Dichloroethene	**6.2**	5.0

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-24')**	Sampled:	09/17/10 18:27
Lab Sample ID:	**1009312-27**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	5	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	**530**	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-16 (19-24')**	Sampled:	09/17/10 18:27
Lab Sample ID:	**1009312-27**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	5	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**210**	5.0
136777-61-2	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	102	*88-115*
1,2-Dichloroethane-d4	109	*81-116*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	97	*78-116*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (0.5-2.0')**	Sampled:	09/17/10 19:06
Lab Sample ID:	**1009312-28**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	20	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	95		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<21	21
107-13-1	Acrylonitrile	<2.1	2.1
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<2.1	2.1
74-97-5	Bromochloromethane	<2.1	2.1
75-27-4	Bromodichloromethane	<2.1	2.1
75-25-2	Bromoform	<2.1	2.1
74-83-9	Bromomethane	<4.2	4.2
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<5.2	5.2
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.2	5.2
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.2	5.2
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	1.0
124-48-1	Dibromochloromethane	<2.1	2.1
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<5.2	5.2
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<2.1	2.1
541-73-1	1,3-Dichlorobenzene	<2.1	2.1
106-46-7	1,4-Dichlorobenzene	<2.1	2.1
75-71-8	Dichlorodifluoromethane	<5.2	5.2
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (0.5-2.0')**	Sampled:	09/17/10 19:06
Lab Sample ID:	**1009312-28**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	20	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	95		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<4.2	4.2
591-78-6	2-Hexanone	<52	52
74-88-4	Iodomethane	<2.1	2.1
98-82-8	Isopropylbenzene	<5.2	5.2
99-87-6	4-Isopropyltoluene	<2.1	2.1
1634-04-4	Methyl tert-Butyl Ether	<5.2	5.2
75-09-2	Methylene Chloride	<2.1	2.1
78-93-3	2-Butanone (MEK)	<16	16
91-57-6	2-Methylnaphthalene	<6.9	6.9
108-10-1	4-Methyl-2-pentanone (MIBK)	<52	52
91-20-3	Naphthalene	<6.9	6.9
103-65-1	n-Propylbenzene	<2.1	2.1
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<21	21
108-88-3	Toluene	<2.1	2.1
87-61-6	1,2,3-Trichlorobenzene	<6.9	6.9
120-82-1	1,2,4-Trichlorobenzene	<6.9	6.9
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**100**	1.0
75-69-4	Trichlorofluoromethane	<2.1	2.1
96-18-4	1,2,3-Trichloropropane	<2.1	2.1
95-63-6	1,2,4-Trimethylbenzene	<2.1	2.1
108-67-8	1,3,5-Trimethylbenzene	<2.1	2.1

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (0.5-2.0')**	Sampled:	09/17/10 19:06
Lab Sample ID:	**1009312-28**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	20	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	95		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.84	0.84
136777-61-2	Xylene, Meta + Para	<2.1	2.1
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	91	*75-123*
1,2-Dichloroethane-d4	94	*83-116*
Toluene-d8	100	*85-113*
4-Bromofluorobenzene	89	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (0.5-2.0')**	Sampled:	09/17/10 19:06
Lab Sample ID:	**1009312-28**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**95**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009813

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (22-23')**	Sampled:	09/17/10 19:10
Lab Sample ID:	**1009312-29**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.0	1.0
107-13-1	Acrylonitrile	<0.10	0.10
71-43-2	Benzene	<0.052	0.052
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10
75-27-4	Bromodichloromethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.21	0.21
104-51-8	n-Butylbenzene	<0.052	0.052
135-98-8	sec-Butylbenzene	<0.052	0.052
98-06-6	tert-Butylbenzene	<0.052	0.052
75-15-0	Carbon Disulfide	<0.26	0.26
56-23-5	Carbon Tetrachloride	<0.052	0.052
108-90-7	Chlorobenzene	<0.052	0.052
75-00-3	Chloroethane	<0.26	0.26
67-66-3	Chloroform	<0.052	0.052
74-87-3	Chloromethane	<0.26	0.26
96-12-8	1,2-Dibromo-3-chloropropane	<0.052	0.052
124-48-1	Dibromochloromethane	<0.10	0.10
106-93-4	1,2-Dibromoethane	<0.052	0.052
74-95-3	Dibromomethane	<0.26	0.26
110-57-6	trans-1,4-Dichloro-2-butene	<0.052	0.052
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.26	0.26
75-34-3	1,1-Dichloroethane	<0.052	0.052
107-06-2	1,2-Dichloroethane	<0.052	0.052
75-35-4	1,1-Dichloroethene	<0.052	0.052
156-59-2	cis-1,2-Dichloroethene	<0.052	0.052
156-60-5	trans-1,2-Dichloroethene	<0.052	0.052

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (22-23')**	Sampled:	09/17/10 19:10
Lab Sample ID:	**1009312-29**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<0.052	0.052
10061-01-5	cis-1,3-Dichloropropene	<0.052	0.052
10061-02-6	trans-1,3-Dichloropropene	<0.052	0.052
100-41-4	Ethylbenzene	<0.052	0.052
60-29-7	Ethyl Ether	<0.21	0.21
591-78-6	2-Hexanone	<2.6	2.6
74-88-4	Iodomethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.26	0.26
99-87-6	4-Isopropyltoluene	<0.10	0.10
1634-04-4	Methyl tert-Butyl Ether	<0.26	0.26
75-09-2	Methylene Chloride	<0.10	0.10
78-93-3	2-Butanone (MEK)	<0.77	0.77
91-57-6	2-Methylnaphthalene	<0.34	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.6	2.6
91-20-3	Naphthalene	<0.34	0.34
103-65-1	n-Propylbenzene	<0.10	0.10
100-42-5	Styrene	<0.052	0.052
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	<0.052	0.052
127-18-4	Tetrachloroethene	**0.24**	0.052
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.10	0.10
87-61-6	1,2,3-Trichlorobenzene	<0.34	0.34
120-82-1	1,2,4-Trichlorobenzene	<0.34	0.34
71-55-6	1,1,1-Trichloroethane	**0.23**	0.052
79-00-5	1,1,2-Trichloroethane	<0.052	0.052
79-01-6	Trichloroethene	**2.1**	0.052
75-69-4	Trichlorofluoromethane	<0.10	0.10
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (22-23')**	Sampled:	09/17/10 19:10
Lab Sample ID:	**1009312-29**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15
Unit:	mg/kg dry	Prepared:	09/27/10 By: JDM
Dilution Factor:	1	Analyzed:	09/27/10 By: JDM
QC Batch:	1010043	Analytical Batch:	0I28051
Percent Solids:	97		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<0.041	0.041
136777-61-2	Xylene, Meta + Para	<0.10	0.10
95-47-6	Xylene, Ortho	<0.052	0.052

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	92	*75-123*
1,2-Dichloroethane-d4	90	*83-116*
Toluene-d8	97	*85-113*
4-Bromofluorobenzene	93	*81-117*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (22-23')**	Sampled:	09/17/10 19:10
Lab Sample ID:	**1009312-29**	Sampled By:	S. Metz
Matrix:	Soil	Received:	09/20/10 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Percent Solids	**97**	0.1	%	1	USEPA-3550B	09/23/10 10:00	CLD	1009814

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (23-28')**	Sampled:	09/17/10 19:36
Lab Sample ID:	**1009312-30**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

*Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	**7.0**	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**19**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**2.2**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (23-28')**	Sampled:	09/17/10 19:36
Lab Sample ID:	**1009312-30**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

*Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	**1.6**	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**35**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**120**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**NS-17 (23-28')**	Sampled:	09/17/10 19:36
Lab Sample ID:	**1009312-30**	Sampled By:	S. Metz
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/24/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26004

*Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	102	*88-115*
1,2-Dichloroethane-d4	109	*81-116*
Toluene-d8	100	*87-113*
4-Bromofluorobenzene	98	*78-116*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**Trip Blank (TB-01)**	Sampled:	09/17/10 00:00
Lab Sample ID:	**1009312-31**	Sampled By:	TML
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/23/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26003

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**Trip Blank (TB-01)**	Sampled:	09/17/10 00:00
Lab Sample ID:	**1009312-31**	Sampled By:	TML
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/23/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26003

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1009312**
Project:	Tecumseh Products - Investigation	Description:	Laboratory Services
Client Sample ID:	**Trip Blank (TB-01)**	Sampled:	09/17/10 00:00
Lab Sample ID:	**1009312-31**	Sampled By:	TML
Matrix:	Water	Received:	09/20/10 17:15
Unit:	ug/L	Prepared:	09/23/10 By: DLV
Dilution Factor:	1	Analyzed:	09/24/10 By: DLV
QC Batch:	1009919	Analytical Batch:	0I26003

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	105	*88-115*
1,2-Dichloroethane-d4	111	*81-116*
Toluene-d8	101	*87-113*
4-Bromofluorobenzene	98	*78-116*

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 09/23/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26003

Acetone			<20				20	
Acrylonitrile			<2.0				2.0	
Benzene			<1.0				1.0	
Bromobenzene			<1.0				1.0	
Bromochloromethane			<1.0				1.0	
Bromodichloromethane			<1.0				1.0	
Bromoform			<1.0				1.0	
Bromomethane			<5.0				5.0	
n-Butylbenzene			<1.0				1.0	
sec-Butylbenzene			<1.0				1.0	
tert-Butylbenzene			<1.0				1.0	
Carbon Disulfide			<1.0				1.0	
Carbon Tetrachloride			<1.0				1.0	
Chlorobenzene			<1.0				1.0	
Chloroethane			<5.0				5.0	
Chloroform			<1.0				1.0	
Chloromethane			<5.0				5.0	
1,2-Dibromo-3-chloropropane			<5.0				5.0	
Dibromochloromethane			<1.0				1.0	
1,2-Dibromoethane			<1.0				1.0	
Dibromomethane			<1.0				1.0	
trans-1,4-Dichloro-2-butene			<1.0				1.0	
1,2-Dichlorobenzene			<1.0				1.0	
1,3-Dichlorobenzene			<1.0				1.0	
1,4-Dichlorobenzene			<1.0				1.0	
Dichlorodifluoromethane			<5.0				5.0	
1,1-Dichloroethane			<1.0				1.0	
1,2-Dichloroethane			<1.0				1.0	
1,1-Dichloroethene			<1.0				1.0	
cis-1,2-Dichloroethene			<1.0				1.0	
trans-1,2-Dichloroethene			<1.0				1.0	
1,2-Dichloropropane			<1.0				1.0	
cis-1,3-Dichloropropene			<1.0				1.0	
trans-1,3-Dichloropropene			<1.0				1.0	
Ethylbenzene			<1.0				1.0	
Ethyl Ether			<5.0				5.0	

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/23/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26003

2-Hexanone			<5.0				5.0	
Iodomethane			<1.0				1.0	
Isopropylbenzene			<1.0				1.0	
4-Isopropyltoluene			<5.0				5.0	
Methyl tert-Butyl Ether			<5.0				5.0	
Methylene Chloride			<5.0				5.0	
2-Butanone (MEK)			<5.0				5.0	
2-Methylnaphthalene			<5.0				5.0	
4-Methyl-2-pentanone (MIBK)			<5.0				5.0	
Naphthalene			<5.0				5.0	
n-Propylbenzene			<1.0				1.0	
Styrene			<1.0				1.0	
1,1,1,2-Tetrachloroethane			<1.0				1.0	
1,1,2,2-Tetrachloroethane			<1.0				1.0	
Tetrachloroethene			<1.0				1.0	
Tetrahydrofuran			<5.0				5.0	
Toluene			<1.0				1.0	
1,2,3-Trichlorobenzene			<5.0				5.0	
1,2,4-Trichlorobenzene			<5.0				5.0	
1,1,1-Trichloroethane			<1.0				1.0	
1,1,2-Trichloroethane			<1.0				1.0	
Trichloroethene			<1.0				1.0	
Trichlorofluoromethane			<1.0				1.0	
1,2,3-Trichloropropane			<1.0				1.0	
1,2,4-Trimethylbenzene			<1.0				1.0	
1,3,5-Trimethylbenzene			<1.0				1.0	
Vinyl Chloride			<1.0				1.0	
Xylene, Meta + Para			<2.0				2.0	
Xylene, Ortho			<1.0				1.0	
Surrogates:								
Dibromofluoromethane				*108*	*88-115*			
1,2-Dichloroethane-d4				*110*	*81-116*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*100*	*78-116*			

Method Blank Analyzed: 09/24/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26004

Acetone			<20				20	

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/24/2010 By: DLV

Unit: ug/L Analytical Batch: 0I26004

Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0		1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/24/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26004

Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0				5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0				5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			<5.0				5.0
4-Methyl-2-pentanone (MIBK)			<5.0				5.0
Naphthalene			<5.0				5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0				5.0
1,2,4-Trichlorobenzene			<5.0				5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0				1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Surrogates:							
Dibromofluoromethane				*100*	*88-115*		
1,2-Dichloroethane-d4				*109*	*81-116*		
Toluene-d8				*99*	*87-113*		
4-Bromofluorobenzene				*96*	*78-116*		

Method Blank Analyzed: 09/24/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26005

Acetone			<20				20

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/24/2010 By: DLV

Unit: ug/L Analytical Batch: 0I26005

Acrylonitrile	<2.0		2.0
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<5.0		5.0
n-Butylbenzene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Carbon Disulfide	<1.0		1.0
Carbon Tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<5.0		5.0
Chloroform	<1.0		1.0
Chloromethane	<5.0		5.0
1,2-Dibromo-3-chloropropane	<5.0		5.0
Dibromochloromethane	<1.0		1.0
1,2-Dibromoethane	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<1.0		1.0
1,2-Dichlorobenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
Dichlorodifluoromethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl Ether	<5.0		5.0
2-Hexanone	<5.0		5.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/24/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26005

Iodomethane			<1.0				1.0
Isopropylbenzene			<1.0				1.0
4-Isopropyltoluene			<5.0				5.0
Methyl tert-Butyl Ether			<5.0				5.0
Methylene Chloride			<5.0				5.0
2-Butanone (MEK)			<5.0				5.0
2-Methylnaphthalene			<5.0				5.0
4-Methyl-2-pentanone (MIBK)			<5.0				5.0
Naphthalene			<5.0				5.0
n-Propylbenzene			<1.0				1.0
Styrene			<1.0				1.0
1,1,1,2-Tetrachloroethane			<1.0				1.0
1,1,2,2-Tetrachloroethane			<1.0				1.0
Tetrachloroethene			<1.0				1.0
Tetrahydrofuran			<5.0				5.0
Toluene			<1.0				1.0
1,2,3-Trichlorobenzene			<5.0				5.0
1,2,4-Trichlorobenzene			<5.0				5.0
1,1,1-Trichloroethane			<1.0				1.0
1,1,2-Trichloroethane			<1.0				1.0
Trichloroethene			<1.0				1.0
Trichlorofluoromethane			<1.0				1.0
1,2,3-Trichloropropane			<1.0				1.0
1,2,4-Trimethylbenzene			<1.0				1.0
1,3,5-Trimethylbenzene			<1.0				1.0
Vinyl Chloride			<1.0				1.0
Xylene, Meta + Para			<2.0				2.0
Xylene, Ortho			<1.0				1.0
Xylene (Total)			<3.0				3.0
Surrogates:							
Dibromofluoromethane				*100*	*88-115*		
1,2-Dichloroethane-d4				*110*	*81-116*		
Toluene-d8				*101*	*87-113*		
4-Bromofluorobenzene				*96*	*78-116*		

Laboratory Control Sample Analyzed: 09/23/2010 By: DLV
Unit: ug/L Analytical Batch: 0I26003

Benzene		40.0	**39.6**	99	86-122		1.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Laboratory Control Sample (Continued)					Analyzed:		09/23/2010	By: DLV
Unit: ug/L					Analytical Batch:		0I26003	
Chlorobenzene		40.0	**39.2**	98	88-114		1.0	
1,1-Dichloroethene		40.0	**39.4**	98	81-125		1.0	
Toluene		40.0	**39.2**	98	87-123		1.0	
Trichloroethene		40.0	**39.9**	100	80-122		1.0	
Surrogates:								
Dibromofluoromethane				*100*	*88-115*			
1,2-Dichloroethane-d4				*103*	*81-116*			
Toluene-d8				*99*	*87-113*			
4-Bromofluorobenzene				*102*	*78-116*			
Laboratory Control Sample					Analyzed:		09/24/2010	By: DLV
Unit: ug/L					Analytical Batch:		0I26004	
Benzene		40.0	**39.2**	98	86-122		1.0	
Chlorobenzene		40.0	**39.1**	98	88-114		1.0	
1,1-Dichloroethene		40.0	**37.7**	94	81-125		1.0	
Toluene		40.0	**39.6**	99	87-123		1.0	
Trichloroethene		40.0	**38.2**	95	80-122		1.0	
Surrogates:								
Dibromofluoromethane				*101*	*88-115*			
1,2-Dichloroethane-d4				*104*	*81-116*			
Toluene-d8				*102*	*87-113*			
4-Bromofluorobenzene				*101*	*78-116*			
Laboratory Control Sample					Analyzed:		09/24/2010	By: DLV
Unit: ug/L					Analytical Batch:		0I26005	
Benzene		40.0	**38.2**	95	86-122		1.0	
Chlorobenzene		40.0	**38.0**	95	88-114		1.0	
1,1-Dichloroethene		40.0	**36.2**	90	81-125		1.0	
Toluene		40.0	**38.0**	95	87-123		1.0	
Trichloroethene		40.0	**37.4**	93	80-122		1.0	
Surrogates:								
Dibromofluoromethane				*97*	*88-115*			
1,2-Dichloroethane-d4				*103*	*81-116*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*102*	*78-116*			
Matrix Spike 1009312-20 NS-14 (23-28')					Analyzed:		09/24/2010	By: DLV
Unit: ug/L					Analytical Batch:		0I26004	
Benzene	<10	400	**390**	98	84-127		10	

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1009919 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B								
Matrix Spike (Continued) 1009312-20 NS-14 (23-28')					Analyzed:	09/24/2010	By: DLV	
Unit: ug/L					Analytical Batch:	0I26004		
Chlorobenzene	<10	400	**385**	96	89-115			10
1,1-Dichloroethene	<10	400	**374**	93	85-130			10
Toluene	<10	400	**388**	97	88-125			10
Trichloroethene	1260	400	**1630**	93	81-124			10
Surrogates:								
Dibromofluoromethane				*99*	*88-115*			
1,2-Dichloroethane-d4				*106*	*81-116*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*102*	*78-116*			
Matrix Spike Duplicate 1009312-20 NS-14 (23-28')					Analyzed:	09/24/2010	By: DLV	
Unit: ug/L					Analytical Batch:	0I26004		
Benzene	<10	400	**396**	99	84-127	1	8	10
Chlorobenzene	<10	400	**385**	96	89-115	0.1	8	10
1,1-Dichloroethene	<10	400	**386**	96	85-130	3	10	10
Toluene	<10	400	**391**	98	88-125	0.8	8	10
Trichloroethene	1260	400	**1660**	101	81-124	2	8	10
Surrogates:								
Dibromofluoromethane				*103*	*88-115*			
1,2-Dichloroethane-d4				*106*	*81-116*			
Toluene-d8				*101*	*87-113*			
4-Bromofluorobenzene				*102*	*78-116*			
QC Batch: 1010042 5030B Aqueous Purge & Trap/USEPA-8260B								
Method Blank					Analyzed:	09/26/2010	By: JDM	
Unit: mg/kg wet					Analytical Batch:	0I28049		
Acetone			<1.0					1.0
Acrylonitrile			<0.10					0.10
Benzene			<0.050					0.050
Bromobenzene			<0.10					0.10
Bromochloromethane			<0.10					0.10
Bromodichloromethane			<0.10					0.10
Bromoform			<0.10					0.10
Bromomethane			<0.20					0.20
n-Butylbenzene			<0.050					0.050
sec-Butylbenzene			<0.050					0.050

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1010042 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/26/2010 By: JDM

Unit: mg/kg wet Analytical Batch: 0I28049

tert-Butylbenzene	<0.050	0.050
Carbon Disulfide	<0.25	0.25
Carbon Tetrachloride	<0.050	0.050
Chlorobenzene	<0.050	0.050
Chloroethane	<0.25	0.25
Chloroform	<0.050	0.050
Chloromethane	<0.25	0.25
1,2-Dibromo-3-chloropropane	<0.050	0.050
Dibromochloromethane	<0.10	0.10
1,2-Dibromoethane	<0.050	0.050
Dibromomethane	<0.25	0.25
trans-1,4-Dichloro-2-butene	<0.050	0.050
1,2-Dichlorobenzene	<0.10	0.10
1,3-Dichlorobenzene	<0.10	0.10
1,4-Dichlorobenzene	<0.10	0.10
Dichlorodifluoromethane	<0.25	0.25
1,1-Dichloroethane	<0.050	0.050
1,2-Dichloroethane	<0.050	0.050
1,1-Dichloroethene	<0.050	0.050
cis-1,2-Dichloroethene	<0.050	0.050
trans-1,2-Dichloroethene	<0.050	0.050
1,2-Dichloropropane	<0.050	0.050
cis-1,3-Dichloropropene	<0.050	0.050
trans-1,3-Dichloropropene	<0.050	0.050
Ethylbenzene	<0.050	0.050
Ethyl Ether	<0.20	0.20
2-Hexanone	<2.5	2.5
Iodomethane	<0.10	0.10
Isopropylbenzene	<0.25	0.25
4-Isopropyltoluene	<0.10	0.10
Methyl tert-Butyl Ether	<0.25	0.25
Methylene Chloride	<0.10	0.10
2-Butanone (MEK)	<0.75	0.75
2-Methylnaphthalene	<0.33	0.33
4-Methyl-2-pentanone (MIBK)	<2.5	2.5
Naphthalene	<0.33	0.33

Continued on next page

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US EPA ARCHIVE DOCUMENT

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1010042 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/26/2010 By: JDM
Unit: mg/kg wet Analytical Batch: 0I28049

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
n-Propylbenzene			<0.10					0.10
Styrene			<0.050					0.050
1,1,1,2-Tetrachloroethane			<0.10					0.10
1,1,2,2-Tetrachloroethane			<0.050					0.050
Tetrachloroethene			<0.050					0.050
Tetrahydrofuran			<1.0					1.0
Toluene			<0.10					0.10
1,2,3-Trichlorobenzene			<0.33					0.33
1,2,4-Trichlorobenzene			<0.33					0.33
1,1,1-Trichloroethane			<0.050					0.050
1,1,2-Trichloroethane			<0.050					0.050
Trichloroethene			<0.050					0.050
Trichlorofluoromethane			<0.10					0.10
1,2,3-Trichloropropane			<0.10					0.10
1,2,4-Trimethylbenzene			<0.10					0.10
1,3,5-Trimethylbenzene			<0.10					0.10
Vinyl Chloride			<0.040					0.040
Xylene, Meta + Para			<0.10					0.10
Xylene, Ortho			<0.050					0.050

Method Blank Analyzed: 09/26/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28049

Surrogates:		
Dibromofluoromethane	*100*	*75-123*
1,2-Dichloroethane-d4	*104*	*83-116*
Toluene-d8	*101*	*85-113*
4-Bromofluorobenzene	*89*	*81-117*

Laboratory Control Sample Analyzed: 09/26/2010 By: JDM
Unit: mg/kg wet Analytical Batch: 0I28049

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		2.00	**2.02**	101	82-122			0.050
Chlorobenzene		2.00	**1.82**	91	82-118			0.050
1,1-Dichloroethene		2.00	**2.03**	101	72-131			0.050
Toluene		2.00	**1.93**	96	82-125			0.10
Trichloroethene		2.00	**1.89**	94	81-127			0.050

Laboratory Control Sample Analyzed: 09/26/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28049

Surrogates:		
Dibromofluoromethane	*107*	*75-123*

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1010042 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 09/26/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28049

Surrogates (Continued):

1,2-Dichloroethane-d4	*102*	*83-116*
Toluene-d8	*106*	*85-113*
4-Bromofluorobenzene	*98*	*81-117*

Laboratory Control Sample Duplicate Analyzed: 09/26/2010 By: JDM
Unit: mg/kg wet Analytical Batch: 0I28049

Benzene	2.00	**2.04**	102	82-122	1	20	0.050
Chlorobenzene	2.00	**1.91**	95	82-118	5	20	0.050
1,1-Dichloroethene	2.00	**2.04**	102	72-131	0.3	20	0.050
Toluene	2.00	**1.98**	99	82-125	3	20	0.10
Trichloroethene	2.00	**1.94**	97	81-127	3	20	0.050

Laboratory Control Sample Duplicate Analyzed: 09/26/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28049

Surrogates:

Dibromofluoromethane	*108*	*75-123*
1,2-Dichloroethane-d4	*106*	*83-116*
Toluene-d8	*108*	*85-113*
4-Bromofluorobenzene	*100*	*81-117*

QC Batch: 1010043 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 09/27/2010 By: JDM
Unit: mg/kg wet Analytical Batch: 0I28051

Acetone	<1.0	1.0
Acrylonitrile	<0.10	0.10
Benzene	<0.050	0.050
Bromobenzene	<0.10	0.10
Bromochloromethane	<0.10	0.10
Bromodichloromethane	<0.10	0.10
Bromoform	<0.10	0.10
Bromomethane	<0.20	0.20
n-Butylbenzene	<0.050	0.050
sec-Butylbenzene	<0.050	0.050
tert-Butylbenzene	<0.050	0.050
Carbon Disulfide	<0.25	0.25

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1010043 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 09/27/2010 By: JDM

Unit: mg/kg wet Analytical Batch: 0I28051

Carbon Tetrachloride	<0.050	0.050
Chlorobenzene	<0.050	0.050
Chloroethane	<0.25	0.25
Chloroform	<0.050	0.050
Chloromethane	<0.25	0.25
1,2-Dibromo-3-chloropropane	<0.050	0.050
Dibromochloromethane	<0.10	0.10
1,2-Dibromoethane	<0.050	0.050
Dibromomethane	<0.25	0.25
trans-1,4-Dichloro-2-butene	<0.050	0.050
1,2-Dichlorobenzene	<0.10	0.10
1,3-Dichlorobenzene	<0.10	0.10
1,4-Dichlorobenzene	<0.10	0.10
Dichlorodifluoromethane	<0.25	0.25
1,1-Dichloroethane	<0.050	0.050
1,2-Dichloroethane	<0.050	0.050
1,1-Dichloroethene	<0.050	0.050
cis-1,2-Dichloroethene	<0.050	0.050
trans-1,2-Dichloroethene	<0.050	0.050
1,2-Dichloropropane	<0.050	0.050
cis-1,3-Dichloropropene	<0.050	0.050
trans-1,3-Dichloropropene	<0.050	0.050
Ethylbenzene	<0.050	0.050
Ethyl Ether	<0.20	0.20
2-Hexanone	<2.5	2.5
Iodomethane	<0.10	0.10
Isopropylbenzene	<0.25	0.25
4-Isopropyltoluene	<0.10	0.10
Methyl tert-Butyl Ether	<0.25	0.25
Methylene Chloride	<0.10	0.10
2-Butanone (MEK)	<0.75	0.75
2-Methylnaphthalene	<0.33	0.33
4-Methyl-2-pentanone (MIBK)	<2.5	2.5
Naphthalene	<0.33	0.33
n-Propylbenzene	<0.10	0.10
Styrene	<0.050	0.050

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1010043 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) — Analyzed: 09/27/2010 By: JDM
Unit: mg/kg wet — Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
1,1,1,2-Tetrachloroethane			<0.10					0.10
1,1,2,2-Tetrachloroethane			<0.050					0.050
Tetrachloroethene			<0.050					0.050
Tetrahydrofuran			<1.0					1.0
Toluene			<0.10					0.10
1,2,3-Trichlorobenzene			<0.33					0.33
1,2,4-Trichlorobenzene			<0.33					0.33
1,1,1-Trichloroethane			<0.050					0.050
1,1,2-Trichloroethane			<0.050					0.050
Trichloroethene			<0.050					0.050
Trichlorofluoromethane			<0.10					0.10
1,2,3-Trichloropropane			<0.10					0.10
1,2,4-Trimethylbenzene			<0.10					0.10
1,3,5-Trimethylbenzene			<0.10					0.10
Vinyl Chloride			<0.040					0.040
Xylene, Meta + Para			<0.10					0.10
Xylene, Ortho			<0.050					0.050

Method Blank — Analyzed: 09/27/2010 By: JDM
Unit: ug/L — Analytical Batch: 0I28051

Surrogates:		
Dibromofluoromethane	*93*	*75-123*
1,2-Dichloroethane-d4	*92*	*83-116*
Toluene-d8	*99*	*85-113*
4-Bromofluorobenzene	*94*	*81-117*

Laboratory Control Sample — Analyzed: 09/27/2010 By: JDM
Unit: mg/kg wet — Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		2.00	**1.91**	95	82-122			0.050
Chlorobenzene		2.00	**1.80**	90	82-118			0.050
1,1-Dichloroethene		2.00	**1.78**	89	72-131			0.050
Toluene		2.00	**1.89**	95	82-125			0.10
Trichloroethene		2.00	**1.95**	98	81-127			0.050

Laboratory Control Sample — Analyzed: 09/27/2010 By: JDM
Unit: ug/L — Analytical Batch: 0I28051

Surrogates:		
Dibromofluoromethane	*101*	*75-123*

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1010043 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 09/27/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates (Continued):								
1,2-Dichloroethane-d4				*95*	*83-116*			
Toluene-d8				*102*	*85-113*			
4-Bromofluorobenzene				*98*	*81-117*			

Matrix Spike 1009312-29 NS-17 (22-23') Analyzed: 09/27/2010 By: JDM
Unit: mg/kg dry Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<0.052	2.09	**1.93**	93	69-137			0.052
Chlorobenzene	<0.052	2.09	**1.78**	85	52-139			0.052
1,1-Dichloroethene	<0.052	2.09	**1.85**	89	66-140			0.052
Toluene	<0.10	2.09	**1.84**	88	68-136			0.10
Trichloroethene	2.14	2.09	**4.16**	97	66-147			0.052

Matrix Spike 1009312-29 NS-17 (22-23') Analyzed: 09/27/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
Dibromofluoromethane				*98*	*75-123*			
1,2-Dichloroethane-d4				*93*	*83-116*			
Toluene-d8				*100*	*85-113*			
4-Bromofluorobenzene				*99*	*81-117*			

Matrix Spike Duplicate 1009312-29 NS-17 (22-23') Analyzed: 09/27/2010 By: JDM
Unit: mg/kg dry Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene	<0.052	2.09	**2.00**	96	69-137	3	11	0.052
Chlorobenzene	<0.052	2.09	**1.81**	87	52-139	2	16	0.052
1,1-Dichloroethene	<0.052	2.09	**1.89**	91	66-140	2	20	0.052
Toluene	<0.10	2.09	**1.89**	91	68-136	3	11	0.10
Trichloroethene	2.14	2.09	**4.21**	99	66-147	1	14	0.052

Matrix Spike Duplicate 1009312-29 NS-17 (22-23') Analyzed: 09/27/2010 By: JDM
Unit: ug/L Analytical Batch: 0I28051

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Surrogates:								
Dibromofluoromethane				*95*	*75-123*			
1,2-Dichloroethane-d4				*90*	*83-116*			
Toluene-d8				*101*	*85-113*			
4-Bromofluorobenzene				*96*	*81-117*			

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TRIMATRIX LABORATORIES

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Percent Solids/USEPA-3550B									
QC Batch: 1009813 (General Inorganic Prep)							Analyzed: 09/23/2010		By: CLD
Method Blank			<0.1	%					0.1
1009312-02 [NS-11 (22-23')]									
Duplicate	98		**98**	%			0.2	20	0.1
QC Batch: 1009814 (General Inorganic Prep)							Analyzed: 09/23/2010		By: CLD
Method Blank			<0.1	%					0.1
1009312-29 [NS-17 (22-23')]									
Duplicate	97		**97**	%			0.05	20	0.1

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STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B

Qualification: Sample integrity for the parameter was suspect upon receipt; container had headspace. All reported values, including non-detectable results, are considered estimated.

Analysis: USEPA-8260B

Sample/Analyte: 1009312-30 NS-17 (23-28')

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Chain of Custody Record

COC No. 135439

Pg. 1 of 4

For Lab Use Only (SOILS)
Cart 5 #549-RED
VOA Rack/Tray (WATERS) 674, 725-W
Receipt Log No. 25-6
Project Chemist JLR
Work Order No. 1009312

Client Name ~~IPC~~ SEM RMT
Address 3754 Ranchero Drive
City, State Zip Ann Arbor MI 48108
Phone/Fax 734 971 7080 / 734-971-9022
Email stacy.metz@rmtinc.com

Project Name TPC - Investigation
Client Project No. / P.O. No. 02751.12.001
Invoice To ☒ Client ☐ Other (comments)
Contact/Report To Stacy Metz

Analyses Requested: G D A; VOCs; VOCs

Container Type (corresponds to Container Packing List): 22, 1, 20

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted			Total	Sample Comments
02		01	1	NS-11 (0-4')	JM 24/15	9/15/10	8:45		X	S	1		1	2	
02		02	2	NS-11 (22-23')			9:10		X	S	1		1	2	
01		03	3	NS-11 (23-28')			12:40		X	GW		2		2	
02		04	4	NS-12 (0-2')			9:30		X	S	1		1	2	
02		05	5	NS-12 (22-24')			9:50		X	S	1		1	2	
01		06	6	NS-12 (23-28')			11:45		X	GW		2		2	
02		07	7	MW-32S (22-24')			1340		X	S	1		1	2	
		08	8	MW-32S (0.5-1.5)			14:08		X	S	1		1	2	
		09	9	MW-33S (1-3')			1614		X	S	1		1	2	
		10	10	MW-33S (19-22)			1632		X	S	1		1	2	

Sampled By (print) Stacy Metz
Sampler's Signature [signature]
Company RMT, Inc.

How Shipped? Hand X Carrier
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	9/20/10	1100				[signature]	9-20-10	17:15

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
[signature]	9-20-10	14:42				J.N. Jardin	9/20/10	1715

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Chain of Custody Record

COC No. 135438

Pg. 2 of 4

For Lab Use Only
Cart 5 / (MEDH) 549-R
VOA Rack/Tray (WATER) 6H, 725-W
Receipt Log No. 25-6
Project Chemist
Work Order No. 1009312

Client Name: RMT
Address: 3754 Ranchero Drive
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 734 971 9022
Email: stacy.metz@rmtinc.com

Project Name: TPC Investigation
Client Project No. / P.O. No.: 02751.12.001
Invoice To: [X] Client [ ] Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: G D A; VOCs VOCs

Container Type (corresponds to Container Packing List): 22, 1, 20

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	G	D	A	Total	Sample Comments
02		11	1	DUP-01	TR 24/5	9/15/10	—		X	S	1		1	2	
		12	2	MW-34s (0.5-2.5')		9/16/10	1349		X	S	1		1	2	
		13	3	MW-34s (21-23')			1410		X	S	1		1	2	
		14	4	NS-13 (0.5-4.0)			1838		X	S	1		1	2	
		15	5	NS-13 (21-23)			1855		X	S	1		1	2	
01		16	6	NS-13 (23-28)			1939		X	~~S~~ GW	~~1~~ 0	2	~~1~~ 0	2	
01		17	7	DUP-02			—		X	GW		2		2	
02		18	8	NS-14 (0.5-3.5)		9/17/10	904		X	S	1		1	2	
		19	9	NS-14 (22-23')			940		X	S	1		1	2	
03		20	10	NS-14 (23-28')			1023		X	GW		~~2~~ 4		2 4	MS/MSD

Sampled By (print): Stacy Metz
Sampler's Signature: Stacy Metz
Company: RMT, Inc.

How Shipped? Hand X Carrier ____
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Stacy Metz	9/20/10	11:00				[signature]	9-20-10	17:15

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
[signature]	9-20-10	14:42				J. Nordin	9/20/10	1715

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Chain of Custody Record

COC No. 135436

Pg. 3 of 4

For Lab Use Only
Cart
VOA Rack/Tray
Receipt Log No. 25-6
Project Chemist
Work Order No. 1009312

Client Name: RMT
Address: 3754 Ranchero Drive
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 / 734 971 9022
Email: stacy.metz@rmtinc.com

Project Name: TPL Investigation
Client Project No. / P.O. No.: 02751.12.001
Invoice To: [X] Client [ ] Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: VOCs, VOCs

Container Type (corresponds to Container Packing List): 1, 22, 20

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted			Total	Sample Comments
			1 MS/MSD - NS-14 (23-28)	TRC 2415	9/17/10	1023		X	GW	2			2	
02		21	2 NS-15 (2-4')			1045		X	S		1	1	2	
↓		22	3 NS-15 (19-20)			1120		X	S		1	1	2	
01		23	4 NS-15 (22-27)			1143		X	GW	2			2	
01		24	5 B-35 (11-16)			1421		X	GW	2			2	
02		25	6 NS-16 (2-4)			1801		X	S		1	1	2	
02		26	7 NS-16 (19-20)			1813		X	S		1	1	2	
01		27	8 NS-16 (19-24)			1827		X	GW	2			2	
02		28	9 NS-17 (0.5-2.0)			1906		X	S		1	1		
02		29	10 NS-17 (22-23)			1910		X	S		1	1		

Sampled By (print): Stacy Metz
Sampler's Signature: Stacy Metz
Company: RMT, Inc.

How Shipped? Hand [X] Carrier
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Stacy Metz	9/20/10	1100				[signature]	9-20-10	1715

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
[signature]	9-20-10	14:42				J. Jardin	9/20/10	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 135435

Pg. 4 of 4

For Lab Use Only
Cart
VOA Rack/Tray
Receipt Log No. 25-6
Project Chemist
Work Order No. 1009312

Client Name: RMT
Address: 3754 Ranchero Drive
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 7080 / 734 971 9022
Email: stacy.metz@rmtinc.com

Project Name: TPC Investigation
Client Project No. / P.O. No.: 02751.12.001
Invoice To: [X] Client [ ] Other (comments)
Contact/Report To: Stacy Metz

Analyses Requested: D; VOCs

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Container Type (corresponds to Container Packing List) / Number of Containers Submitted	Total	Sample Comments
1	G1		30	NS-17 (23-28)	TM 24/15	9/17/10	1936		X	GW	2	2	
2	04		31	Trip Blank (TB-01)	↓	—	—			DI	1	1	
3													
4													
5													
6													
7													
8													
9													
10													

Sampled By (print): Stacy Metz
Sampler's Signature: Stacy Metz
Company: RMT, Inc.

How Shipped? Hand X Carrier
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Stacy Metz	9/20/10	1100				[illegible]	9-20-10	17:15

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
[illegible]	9-20-10	14:42				J. Lordin	9/20/10	1715

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: RMT
Receipt Record Page/Line #: 25-4
Work Order #: 1009312
New / Add To
Project Chemist | Sample #s

Recorded by (initials/date): JN 9/20/10

☑ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____) ☐ See Additional Cooler Information Form

Cooler #	Time	Custody Seals	Coolant Location	Coolant/Temperature Taken Via	Alternate Temperature Taken Via
TM2415	18-24	☑ None; ☐ Present / Intact; ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☑ Loose Ice / Avg 2-3 containers; ☐ Bagged Ice / Avg 2-3 containers; ☐ Blue Ice / Avg 2-3 containers; ☐ None / Avg 2-3 containers	☑ Temperature Blank (TB); ☐ 1 Container
		☐ None; ☐ Present / Intact; ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers; ☐ Bagged Ice / Avg 2-3 containers; ☐ Blue Ice / Avg 2-3 containers; ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB); ☐ 1 Container
		☐ None; ☐ Present / Intact; ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers; ☐ Bagged Ice / Avg 2-3 containers; ☐ Blue Ice / Avg 2-3 containers; ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB); ☐ 1 Container
		☐ None; ☐ Present / Intact; ☐ Present / Not Intact	Dispersed / Top / Middle / Bottom	☐ Loose Ice / Avg 2-3 containers; ☐ Bagged Ice / Avg 2-3 containers; ☐ Blue Ice / Avg 2-3 containers; ☐ None / Avg 2-3 containers	☐ Temperature Blank (TB); ☐ 1 Container

Cooler #	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:	0		2.4
TB location: Representative / Not Representative			
1	1.9	0	1.9
2	3.3	0	3.3
3	3.3	0	3.3
Average °C			2.5
☑ Cooler ID on COC?			
☑ VOC Trip Blank received?			

Cooler #	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1			
2			
3			
Average °C			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

Cooler #	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1			
2			
3			
Average °C			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

Cooler #	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1			
2			
3			
Average °C			
☐ Cooler ID on COC?			
☐ VOC Trip Blank received?			

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC Received

N/A	Yes	No	
	☑	☐	Chain of Custody record(s)?
	☐		If No, COC Initiated By ____
	☑		Rec'd for Lab Signed/Date/Time?
☑	☐		Shipping document?
☑	☐		Other ____

COC ID #s

☑ TriMatrix 1354/39 1354/38 1354/36, 1354/35

☐ Other (Name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☐	☑	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☐	☑	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☐	☑		Received pre-preserved VOC soils?

☑ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☑ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (Init/Date) ____
☐ No analysis requested, Proj. Chemist completed (Init/Date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JN 9/20/10	JN 9/20/10	Yes / No

TRIMATRIX LABORATORIES

December 03, 2010

RMT, Inc. - Ann Arbor Office
Attn: Ms. Stacy Metz
3754 Ranchero Drive
Ann Arbor, MI 48108-2771

Project: Tecumseh Products

Dear Ms. Stacy Metz,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
1011419	11/19/2010	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

Enclosures(s)

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Trip Blank**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-01**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Trip Blank**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-01**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Trip Blank**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-01**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	105	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	105	*91-107*
4-Bromofluorobenzene	90	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-33s**	Sampled:	11/18/10 09:18
Lab Sample ID:	**1011419-02**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**14**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**22**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-33s**	Sampled:	11/18/10 09:18
Lab Sample ID:	**1011419-02**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**1.1**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**150**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-33s**	Sampled:	11/18/10 09:18
Lab Sample ID:	**1011419-02**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**56**	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	103	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	99	*91-107*
4-Bromofluorobenzene	89	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Dup-01**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-03**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	**14**	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	**23**	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Dup-01**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-03**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	**1.2**	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	**150**	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**Dup-01**	Sampled:	11/18/10 00:00
Lab Sample ID:	**1011419-03**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	**55**	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	108	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	101	*91-107*
4-Bromofluorobenzene	93	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-32s**	Sampled:	11/18/10 10:30
Lab Sample ID:	**1011419-04**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<400	400
107-13-1	Acrylonitrile	<40	40
71-43-2	Benzene	<20	20
108-86-1	Bromobenzene	<20	20
74-97-5	Bromochloromethane	<20	20
75-27-4	Bromodichloromethane	<20	20
75-25-2	Bromoform	<20	20
74-83-9	Bromomethane	<100	100
104-51-8	n-Butylbenzene	<20	20
135-98-8	sec-Butylbenzene	<20	20
98-06-6	tert-Butylbenzene	<20	20
75-15-0	Carbon Disulfide	<20	20
56-23-5	Carbon Tetrachloride	<20	20
108-90-7	Chlorobenzene	<20	20
75-00-3	Chloroethane	<100	100
67-66-3	Chloroform	<20	20
74-87-3	Chloromethane	<100	100
96-12-8	1,2-Dibromo-3-chloropropane	<100	100
124-48-1	Dibromochloromethane	<20	20
106-93-4	1,2-Dibromoethane	<20	20
74-95-3	Dibromomethane	<20	20
110-57-6	trans-1,4-Dichloro-2-butene	<20	20
95-50-1	1,2-Dichlorobenzene	<20	20
541-73-1	1,3-Dichlorobenzene	<20	20
106-46-7	1,4-Dichlorobenzene	<20	20
75-71-8	Dichlorodifluoromethane	<100	100
75-34-3	1,1-Dichloroethane	<20	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20
156-59-2	cis-1,2-Dichloroethene	**190**	20
156-60-5	trans-1,2-Dichloroethene	<20	20

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-32s**	Sampled:	11/18/10 10:30
Lab Sample ID:	**1011419-04**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<20	20
10061-01-5	cis-1,3-Dichloropropene	<20	20
10061-02-6	trans-1,3-Dichloropropene	<20	20
100-41-4	Ethylbenzene	<20	20
60-29-7	Ethyl Ether	<100	100
591-78-6	2-Hexanone	<100	100
74-88-4	Iodomethane	<20	20
98-82-8	Isopropylbenzene	<20	20
99-87-6	4-Isopropyltoluene	<100	100
1634-04-4	Methyl tert-Butyl Ether	<100	100
75-09-2	Methylene Chloride	<100	100
78-93-3	2-Butanone (MEK)	<100	100
91-57-6	2-Methylnaphthalene	<100	100
108-10-1	4-Methyl-2-pentanone (MIBK)	<100	100
91-20-3	Naphthalene	<100	100
103-65-1	n-Propylbenzene	<20	20
100-42-5	Styrene	<20	20
630-20-6	1,1,1,2-Tetrachloroethane	<20	20
79-34-5	1,1,2,2-Tetrachloroethane	<20	20
127-18-4	Tetrachloroethene	<20	20
109-99-9	Tetrahydrofuran	<100	100
108-88-3	Toluene	<20	20
87-61-6	1,2,3-Trichlorobenzene	<100	100
120-82-1	1,2,4-Trichlorobenzene	<100	100
71-55-6	1,1,1-Trichloroethane	**560**	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	**2800**	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-32s**	Sampled:	11/18/10 10:30
Lab Sample ID:	**1011419-04**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<20	20
136777-61-2	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	107	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	102	*91-107*
4-Bromofluorobenzene	89	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**FB-01**	Sampled:	11/18/10 11:02
Lab Sample ID:	**1011419-05**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<20	20
107-13-1	Acrylonitrile	<2.0	2.0
71-43-2	Benzene	<1.0	1.0
108-86-1	Bromobenzene	<1.0	1.0
74-97-5	Bromochloromethane	<1.0	1.0
75-27-4	Bromodichloromethane	<1.0	1.0
75-25-2	Bromoform	<1.0	1.0
74-83-9	Bromomethane	<5.0	5.0
104-51-8	n-Butylbenzene	<1.0	1.0
135-98-8	sec-Butylbenzene	<1.0	1.0
98-06-6	tert-Butylbenzene	<1.0	1.0
75-15-0	Carbon Disulfide	<1.0	1.0
56-23-5	Carbon Tetrachloride	<1.0	1.0
108-90-7	Chlorobenzene	<1.0	1.0
75-00-3	Chloroethane	<5.0	5.0
67-66-3	Chloroform	<1.0	1.0
74-87-3	Chloromethane	<5.0	5.0
96-12-8	1,2-Dibromo-3-chloropropane	<5.0	5.0
124-48-1	Dibromochloromethane	<1.0	1.0
106-93-4	1,2-Dibromoethane	<1.0	1.0
74-95-3	Dibromomethane	<1.0	1.0
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	1.0
95-50-1	1,2-Dichlorobenzene	<1.0	1.0
541-73-1	1,3-Dichlorobenzene	<1.0	1.0
106-46-7	1,4-Dichlorobenzene	<1.0	1.0
75-71-8	Dichlorodifluoromethane	<5.0	5.0
75-34-3	1,1-Dichloroethane	<1.0	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	<1.0	1.0
156-59-2	cis-1,2-Dichloroethene	<1.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**FB-01**	Sampled:	11/18/10 11:02
Lab Sample ID:	**1011419-05**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	<1.0	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	<1.0	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**FB-01**	Sampled:	11/18/10 11:02
Lab Sample ID:	**1011419-05**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	1	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
136777-61-2	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	104	*88-116*
1,2-Dichloroethane-d4	103	*87-123*
Toluene-d8	98	*91-107*
4-Bromofluorobenzene	90	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-34s**	Sampled:	11/18/10 12:01
Lab Sample ID:	**1011419-06**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<400	400
107-13-1	Acrylonitrile	<40	40
71-43-2	Benzene	<20	20
108-86-1	Bromobenzene	<20	20
74-97-5	Bromochloromethane	<20	20
75-27-4	Bromodichloromethane	<20	20
75-25-2	Bromoform	<20	20
74-83-9	Bromomethane	<100	100
104-51-8	n-Butylbenzene	<20	20
135-98-8	sec-Butylbenzene	<20	20
98-06-6	tert-Butylbenzene	<20	20
75-15-0	Carbon Disulfide	<20	20
56-23-5	Carbon Tetrachloride	<20	20
108-90-7	Chlorobenzene	<20	20
75-00-3	Chloroethane	<100	100
67-66-3	Chloroform	<20	20
74-87-3	Chloromethane	<100	100
96-12-8	1,2-Dibromo-3-chloropropane	<100	100
124-48-1	Dibromochloromethane	<20	20
106-93-4	1,2-Dibromoethane	<20	20
74-95-3	Dibromomethane	<20	20
110-57-6	trans-1,4-Dichloro-2-butene	<20	20
95-50-1	1,2-Dichlorobenzene	<20	20
541-73-1	1,3-Dichlorobenzene	<20	20
106-46-7	1,4-Dichlorobenzene	<20	20
75-71-8	Dichlorodifluoromethane	<100	100
75-34-3	1,1-Dichloroethane	<20	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20
156-59-2	cis-1,2-Dichloroethene	<20	20
156-60-5	trans-1,2-Dichloroethene	<20	20

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-34s**	Sampled:	11/18/10 12:01
Lab Sample ID:	**1011419-06**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<20	20
10061-01-5	cis-1,3-Dichloropropene	<20	20
10061-02-6	trans-1,3-Dichloropropene	<20	20
100-41-4	Ethylbenzene	<20	20
60-29-7	Ethyl Ether	<100	100
591-78-6	2-Hexanone	<100	100
74-88-4	Iodomethane	<20	20
98-82-8	Isopropylbenzene	<20	20
99-87-6	4-Isopropyltoluene	<100	100
1634-04-4	Methyl tert-Butyl Ether	<100	100
75-09-2	Methylene Chloride	<100	100
78-93-3	2-Butanone (MEK)	<100	100
91-57-6	2-Methylnaphthalene	<100	100
108-10-1	4-Methyl-2-pentanone (MIBK)	<100	100
91-20-3	Naphthalene	<100	100
103-65-1	n-Propylbenzene	<20	20
100-42-5	Styrene	<20	20
630-20-6	1,1,1,2-Tetrachloroethane	<20	20
79-34-5	1,1,2,2-Tetrachloroethane	<20	20
127-18-4	Tetrachloroethene	<20	20
109-99-9	Tetrahydrofuran	<100	100
108-88-3	Toluene	<20	20
87-61-6	1,2,3-Trichlorobenzene	<100	100
120-82-1	1,2,4-Trichlorobenzene	<100	100
71-55-6	1,1,1-Trichloroethane	**1600**	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	**1200**	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

Continued on next page

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**RMT, Inc. - Ann Arbor Office**	Work Order:	**1011419**
Project:	Tecumseh Products	Description:	Laboratory Services
Client Sample ID:	**MW-34s**	Sampled:	11/18/10 12:01
Lab Sample ID:	**1011419-06**	Sampled By:	J.J.
Matrix:	Water	Received:	11/19/10 17:00
Unit:	ug/L	Prepared:	12/01/10 By: JDM
Dilution Factor:	20	Analyzed:	12/01/10 By: JDM
QC Batch:	1013173	Analytical Batch:	0L02013

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<20	20
136777-61-2	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	108	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	99	*91-107*
4-Bromofluorobenzene	91	*84-106*

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1013173 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 12/01/2010 By: JDM
Unit: ug/L Analytical Batch: 0L02013

Acetone			<20				20
Acrylonitrile			<2.0				2.0
Benzene			<1.0				1.0
Bromobenzene			<1.0				1.0
Bromochloromethane			<1.0				1.0
Bromodichloromethane			<1.0				1.0
Bromoform			<1.0				1.0
Bromomethane			<5.0				5.0
n-Butylbenzene			<1.0				1.0
sec-Butylbenzene			<1.0				1.0
tert-Butylbenzene			<1.0				1.0
Carbon Disulfide			<1.0				1.0
Carbon Tetrachloride			<1.0				1.0
Chlorobenzene			<1.0				1.0
Chloroethane			<5.0				5.0
Chloroform			<1.0				1.0
Chloromethane			<5.0				5.0
1,2-Dibromo-3-chloropropane			<5.0				5.0
Dibromochloromethane			<1.0				1.0
1,2-Dibromoethane			<1.0				1.0
Dibromomethane			<1.0				1.0
trans-1,4-Dichloro-2-butene			<1.0				1.0
1,2-Dichlorobenzene			<1.0				1.0
1,3-Dichlorobenzene			<1.0				1.0
1,4-Dichlorobenzene			<1.0				1.0
Dichlorodifluoromethane			<5.0				5.0
1,1-Dichloroethane			<1.0				1.0
1,2-Dichloroethane			<1.0				1.0
1,1-Dichloroethene			<1.0				1.0
cis-1,2-Dichloroethene			<1.0				1.0
trans-1,2-Dichloroethene			<1.0				1.0
1,2-Dichloropropane			<1.0				1.0
cis-1,3-Dichloropropene			<1.0				1.0
trans-1,3-Dichloropropene			<1.0				1.0
Ethylbenzene			<1.0				1.0
Ethyl Ether			<5.0				5.0

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1013173 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 12/01/2010 By: JDM
Unit: ug/L Analytical Batch: 0L02013

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
2-Hexanone			<5.0					5.0
Iodomethane			<1.0					1.0
Isopropylbenzene			<1.0					1.0
4-Isopropyltoluene			<5.0					5.0
Methyl tert-Butyl Ether			<5.0					5.0
Methylene Chloride			<5.0					5.0
2-Butanone (MEK)			<5.0					5.0
2-Methylnaphthalene			<5.0					5.0
4-Methyl-2-pentanone (MIBK)			<5.0					5.0
Naphthalene			**5.1**					5.0
n-Propylbenzene			<1.0					1.0
Styrene			<1.0					1.0
1,1,1,2-Tetrachloroethane			<1.0					1.0
1,1,2,2-Tetrachloroethane			<1.0					1.0
Tetrachloroethene			<1.0					1.0
Tetrahydrofuran			<5.0					5.0
Toluene			<1.0					1.0
1,2,3-Trichlorobenzene			<5.0					5.0
1,2,4-Trichlorobenzene			<5.0					5.0
1,1,1-Trichloroethane			<1.0					1.0
1,1,2-Trichloroethane			<1.0					1.0
Trichloroethene			<1.0					1.0
Trichlorofluoromethane			<1.0					1.0
1,2,3-Trichloropropane			<1.0					1.0
1,2,4-Trimethylbenzene			<1.0					1.0
1,3,5-Trimethylbenzene			<1.0					1.0
Vinyl Chloride			<1.0					1.0
Xylene, Meta + Para			<2.0					2.0
Xylene, Ortho			<1.0					1.0
Surrogates:								
Dibromofluoromethane				*103*	*88-116*			
1,2-Dichloroethane-d4				*102*	*87-123*			
Toluene-d8				*100*	*91-107*			
4-Bromofluorobenzene				*91*	*84-106*			

Laboratory Control Sample Analyzed: 12/01/2010 By: JDM
Unit: ug/L Analytical Batch: 0L02013

Benzene		40.0	**40.4**	101	84-119			1.0

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

QC Batch: 1013173 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 12/01/2010 By: JDM
Unit: ug/L Analytical Batch: 0L02013

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Chlorobenzene		40.0	**37.1**	93	84-118			1.0
1,1-Dichloroethene		40.0	**41.3**	103	77-123			1.0
Toluene		40.0	**41.2**	103	85-118			1.0
Trichloroethene		40.0	**42.4**	106	82-119			1.0
Surrogates:								
Dibromofluoromethane				*103*	*88-116*			
1,2-Dichloroethane-d4				*97*	*87-123*			
Toluene-d8				*105*	*91-107*			
4-Bromofluorobenzene				*100*	*84-106*			

Laboratory Control Sample Duplicate Analyzed: 12/01/2010 By: JDM
Unit: ug/L Analytical Batch: 0L02013

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Benzene		40.0	**41.4**	103	84-119	2	20	1.0
Chlorobenzene		40.0	**37.5**	94	84-118	1	20	1.0
1,1-Dichloroethene		40.0	**41.8**	105	77-123	1	20	1.0
Toluene		40.0	**41.7**	104	85-118	1	20	1.0
Trichloroethene		40.0	**42.9**	107	82-119	1	20	1.0
Surrogates:								
Dibromofluoromethane				*105*	*88-116*			
1,2-Dichloroethane-d4				*99*	*87-123*			
Toluene-d8				*105*	*91-107*			
4-Bromofluorobenzene				*102*	*84-106*			

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 136194

Pg. 1 of 1

For Lab Use Only
Cart:
VOA Rack/Tray: 116W
Receipt Log No.: 28-22
Project Chemist: JL
Work Order No.: 1011419

Client Name: RMT Inc
Address: 3754 Ranchero Drive
City, State Zip: Ann Arbor MI 48108
Phone/Fax: 734 971 9000 734 971 9023
Email:

Project Name: To Poc
Client Project No. / P.O. No.: 0275108.001
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Graham Crockford

Analyses Requested: VOC 8260 (D)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
03		01	1	Trip Blank	1854	—	—	+		DI	+	
01		02	2	MW-33s		11/19/10	0918		+	GW	+	
		03	3	Dup-01			—		+	GW	+	
		04	4	MW-32s			1030		+	GW	+	
		05	5	F.B. 01			1102	+		DI	+	
		06	6	MW-34s			1201		+	GW	+	
			7									
			8									
			9									
			10									

Container Type (corresponds to Container Packing List): 1
Number of Containers Submitted

Sampled By (print): Javier Jass
Sampler's Signature: Jass
Company: RMT

How Shipped? Hand ___ Carrier ___
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Jass	11/19/10	1330					11-19-10	1700

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
	11-19-10	1430				C Tafoya	11-19-10	1700

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: RMT
Receipt Record Page/Line #: 28-22
Work Order #: 101419
New / Add To
Project Chemist
Sample #s

Recorded by (initials/date): CF 11-19-10

☑ Cooler ☐ Box ☐ Other
Qty Received: 1
Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____)
☐ See Additional Cooler Information Form

Cooler # 1854	Cooler #	Cooler #	Cooler #
Time 1910	Time	Time	Time
Custody Seals: ☑ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact	Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☑ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers
Alternate Temperature Taken Via: ☑ Temperature Blank (TB) ☐ 1 Container	Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container	Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container	Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:	0	3.3
TB location: Representative / Not Representative		
1 7.0	0	7.0
2 8.4	0	8.4
3 7.2	0	7.2
Average °C		7.5

☑ Cooler ID on COC? ☑ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1		
2		
3		
Average °C		

☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC Received

N/A	Yes	No	
	☑	☐	**Chain of Custody record(s)?**
	☐		If **No**, COC Initiated By ____
	☑		Rec'd for Lab Signed/Date/Time?
☑	☐		Shipping document?
☑	☐		Other ____

COC ID #s

☑ TriMatrix 136194

☐ Other (Name or ID#)____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	■	Sample ID matches COC?
☑	■	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate containers received?
☐	■	☑	VOC vials / TOX containers have headspace?
☑	■	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	■	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	■	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☑ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (Init/Date) ____
☐ No analysis requested, Proj. Chemist completed (Init/Date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
11-19-10 1700	11-19-10 1916	Yes / No

Attachment 4

US EPA ARCHIVE DOCUMENT

Laboratory Data Validation Report
September 2010 Source Area Investigation
Former Tecumseh Products Site
Tecumseh, Michigan

Twenty-one soil and ten water samples were collected September 15 - 17, 2010 and analyzed by Trimatrix Laboratories, located in Grand Rapids, Michigan. The samples were analyzed for volatile organic analytes by USEPA Method 8260B following Tecumseh Products Quality Assurance Project Plan (QAPP) specified protocols. RMT performed a validation of the laboratory data. The following sections summarize the data validation procedure and the results of the validation.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2008). The data validation included a review of the spike, duplicate, and blank results from the laboratory, as well as verification that the sample holding times were met. RMT reviewed additional QC information to check for appropriate matrix performance using the analytical methods specified by the laboratory. The procedures RMT used to evaluate data in general included the following items:

- Checked technical holding times for analyses
- Reviewed data for blanks, matrix spikes, laboratory duplicates, and laboratory control samples
- Determined field precision from blind field duplicate data
- Assessed the usability of the data

The data validation report addresses the following items:

- Usability of the data, if QC results suggest potential problems with all or some of the data
- Potential sample contamination due to blank contributions
- Actions regarding specific QC criteria exceedences

RMT reviewed internal standard areas and retention times, method blanks, project-specific matrix spike and matrix spike duplicate (MS/MSD) recoveries, field and laboratory duplicate relative percent differences (RPDs), Laboratory Control Sample (LCS) recoveries, holding times, and temperature.

US EPA ARCHIVE DOCUMENT

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met technical holding times for all samples.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits.
- The laboratory performed an LCS with each analytical batch. All results were within the laboratory control limits.
- Contaminants were not detected in the trip blank or in the method blanks.
- Two duplicate samples were collected. Dup-01 corresponded with soil sample MW-33s (19-22′). The calculated RPDs were high; however, given the heterogeneity of soil, the RPDs are considered acceptable. Dup-02 corresponded with groundwater sample NS-13 (23-28′). RPDs were within acceptable QC limits.
- The laboratory performed an MS/MSD on groundwater sample NS-14 (23-28′) for measurement of laboratory accuracy and precision in the sample matrix. An MS/MSD was also performed for soil, consistent with the standard of one MS/MSD per 20 samples. All results were within the laboratory control limits.

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Reviewed by: Terry Hertz

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Laboratory Data Validation Report
November 2010 Source Area Groundwater Sample Event
Former Tecumseh Products Site
Tecumseh, Michigan

Six water samples were collected on November 18, 2010 and analyzed by Trimatrix Laboratories, located in Grand Rapids, Michigan. The samples were analyzed for volatile organic analytes by USEPA Method 8260B following Tecumseh Products Quality Assurance Project Plan (QAPP) specified protocols. RMT performed a validation of the laboratory data. The following sections summarize the data validation procedure and the results of the validation.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2008). The data validation included a review of the spike, duplicate, and blank results from the laboratory, as well as verification that the sample holding times were met. RMT reviewed additional QC information to check for appropriate matrix performance using the analytical methods specified by the laboratory. The procedures RMT used to evaluate data in general included the following items:

- Checked technical holding times for analyses
- Reviewed data for blanks, matrix spikes, laboratory duplicates, and laboratory control samples
- Determined field precision from blind field duplicate data
- Assessed the usability of the data

The data validation report addresses the following items:

- Usability of the data, if QC results suggest potential problems with all or some of the data
- Potential sample contamination due to blank contributions
- Actions regarding specific QC criteria exceedences

RMT reviewed internal standard areas and retention times, method blanks, laboratory batch matrix spike and matrix spike duplicate (MS/MSD) recoveries, field and laboratory duplicate relative percent differences (RPDs), Laboratory Control Sample (LCS) recoveries, holding times, and temperature.

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Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met technical holding times for all samples. The average temperature in the shipment was received outside of the recommended temperature range by 1.5 degrees. No flags were added.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits.
- The laboratory performed an LCS with each analytical batch. All results were within the laboratory control limits.
- Contaminants were not detected in the trip blank or in the rinsate blank. However, naphthalene was detected in the method blank at a concentration of 5.1 µg/L. Naphthalene was not detected in any of the samples; therefore, no flags were added.
- One duplicate sample was collected. Dup-01 corresponded with sample MW-33s and calculated RPDs were within acceptable QC limits.
- The laboratory performed MS/MSD analysis on a batch sample for measurement of laboratory accuracy and precision in the sample matrix. All results were within the laboratory control limits. MS/MSD analyses were performed according to the standard of one per twenty samples.

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