

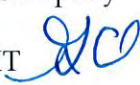
US EPA ARCHIVE DOCUMENT

Technical Memorandum

Date: February 12, 2010

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Project No.: 8070.07

Subject: Status Update – Characterization of Volatile Organic Compounds in Groundwater
Former Tecumseh Products Company Site, Tecumseh, Michigan

Introduction

Tecumseh Products Company (TPC) is the former owner of a manufacturing site located in Lenawee County, Michigan. The approximately 53-acre former TPC manufacturing site is located at 100 East Patterson Street between Evans Street and Maumee Street. This parcel includes an expanse of interconnected buildings/building additions that occupy approximately 750,000 square feet.

In 2008, a Phase I Environmental Site Assessment (ESA) was conducted by Atwell-Hicks, LLC as part of the sale of the TPC manufacturing site to Consolidated Biscuit Company (CBC). The Phase I ESA Report recommended that a Phase II Subsurface Investigation be conducted to address the identified recognized environmental conditions (RECs). A Phase II ESA was performed by ATC Environmental Consultants (ATC) on behalf of CBC between December 2008 and January 2009. A copy of the Draft Limited Phase II ESA Report was provided to TPC in February 2009.

Since that time, TPC has performed on-site and off-site investigations to define the extent of the chlorinated volatile organic compound (CVOC) affected soil and groundwater. The off-site investigation also generally defined the approximate aerial extent of the CVOC affected groundwater.

In September 2009, RMT, Inc., (RMT) submitted a Current Conditions Report (CCR) to the United States Environmental Protection Agency (USEPA) and the Michigan Department of Environmental Quality (MDEQ now the Michigan Department of Natural Resources and Environment (MDNRE)). The CCR described and summarized the physical setting of the site, the historical operations, sampling data, potentially complete exposure pathways, and voluntary remedial activities undertaken by TPC.

During a USEPA site visit conducted on October 27, 2009, Michelle Mullin of the USEPA provided feedback on the CCR, and TPC agreed to conduct an additional off-site investigation in an attempt to address the remaining data gaps related to the off-site migration of VOCs.

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Purpose and Scope

This technical memorandum provides a status update regarding off-site migration of CVOCs compounds in the vicinity of the former TPC site. Also included is a description of off-site field activities conducted between November 2009 and January 2010; a summary of recent sampling data, an evaluation of the status of data gaps identified by the USEPA and a summary of proposed field activities to address the remaining data gaps.

Summary of Field Activities

After receiving USEPA feedback on the CCR, RMT initiated a supplemental investigation to address the identified data gaps related to the off-site migration of VOCs in groundwater. The investigation activities, which were conducted between November 2009 and January 2010 are described below:

- Between November 30 and December 4, 2009 RMT conducted a supplemental off-site subsurface investigation, which included:
 - Advancement of soil borings at nine locations, to evaluate the depth of clay around the perimeter of the area affected by VOCs in groundwater (Attachment A);
 - Installation of 12 new monitoring wells (MW-10d, MW-18s, MW-19s, MW19d, MW-20s, MW-20d, MW-21, MW-22, MW-23, MW-24s, MW-24d, and MW-25s) (Attachment A) to evaluate the lateral and vertical extent of off-site contaminant migration in groundwater (Figure 2);
 - Collection and analysis of one “deep” grab groundwater sample at the location of MW-25s to confirm that VOCs were not present near the top of clay at this location;
 - Collection of two undisturbed Shelby Tube samples for hydraulic conductivity testing. Test results are included in Attachment B;
 - Collection and analysis of four grab soil samples for fraction organic carbon analysis, to be used in subsequent groundwater modeling; and
 - Collection of two additional groundwater samples (B-29b and B-33b) from the backfill surrounding the storm and sanitary system using an air-knife in order to assess the potential for preferential migration of VOCs along the public utility corridors.
- Between December 7 and December 11, 2009, RMT conducted a complete water sample event, which included:
 - Measurement of groundwater elevations at all monitoring well locations and surface water elevations at two points along the River Raisin (Table 1);
 - Collection of groundwater from all monitoring well locations except MW-16s, which was dry, and measurement of field parameters at these locations (Table 2);
 - Analysis of all groundwater sample locations for VOCs (Table 3), and analysis of a subset of groundwater samples for monitored natural attenuation (MNA) parameters (Table 4);
 - Collection and analysis of water from the storm sewer at two locations (STW-1 and STW-2) including PID screening of the air space (Table 5); and

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- Measurement of in situ hydraulic conductivity (slug tests) at eight locations (data to be used in subsequent groundwater modeling).
- Four of the samples collected earlier in December froze prior to reaching the laboratory; therefore on December 30, 2009 RMT conducted a groundwater re-sample event at these locations.
- After reviewing groundwater data from the December 2009 sample event, RMT identified results from six sample locations which had the potential to affect decisions related to future investigation activities. A second sample was collected at these locations on January 13, 2010. Results of this sampling event are included in this report (Table 3).

Data Analysis

Nature and Extent of the Lower Clay Confining Unit

As indicated in the CCR, the site geology generally consists of a surficial silty clay interval ranging from 3 to 7 feet thick, underlain by unconsolidated fine to coarse sand and gravel. Prior investigation had identified a second clay interval along the eastern edge of the site, but the continuity and thickness of the lower clay layer had, up to that point, not been thoroughly investigated.

RMT further evaluated the site geology through a review of logs from soil borings advanced at the site during field activities conducted by RMT from November through December 2009. Logs of soil borings and monitoring wells installed during the investigation are included as Attachment A. Two of the geologic cross sections found in the CCR were updated with the new boring data, and two new cross sections were developed from these boring logs to illustrate the geology underlying the former TPC site and study area. Figure 3 shows the orientation of the cross-section transects (A-A', B-B', C-C', and D-D'), while Figures 4 to 7 present the cross sections.

As illustrated in the cross sections, the second clay layer beneath the site is continuous across the entire study area. The elevation of the top of clay ranges from approximately 740 feet above mean sea level (ft MSL) along the western perimeter of the site to an elevation ranging from approximately 750 ft MSL to 770 ft MSL along the eastern extent of the area affected by VOCs. Where clay was encountered, a minimum clay thickness of 2 feet was confirmed. Undisturbed samples of the clay were collected using a Shelby Tube at two locations (MW-10d and MW-19d) and the hydraulic conductivity was measured at the RMT Soils Laboratory in Madison, Wisconsin. The measured hydraulic conductivity of the clay ranged from 1.5×10^{-8} cm/s to 1.9×10^{-8} cm/s (Attachment B). This continuous clay deposit represents a significant confining layer for vertical groundwater movement into deeper aquifers.

Hydrogeology

The groundwater elevation data collected in December 2009 were used to construct a groundwater contour map and determine the direction of groundwater flow and hydraulic gradient within the unconsolidated sand underlying the site (Figure 2). Several rounds of water levels have been collected (Table 1), and the depth to groundwater and the direction of

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groundwater flow is generally consistent. Groundwater flow at the former TPC site is generally east toward the River Raisin, the nearest body of water located 1,500 to 2,500 feet east of the site. The River Raisin is the regional discharge feature for groundwater beneath the former TPC site. A mean horizontal hydraulic gradient of 0.001 was measured across the site using the December 2009 groundwater elevation data.

Vertical hydraulic gradient in the upper sand/gravel aquifer was evaluated at the four nested well pairs (MW-10s/d, MW-19s/d, MW-20s/d, and MW-24s/d). At MW-19s/d and MW-24s/d, along the western (upgradient) portion of the site, the measured vertical hydraulic was essentially neutral (0.00). At MW-10s/d and MW-20s/d east (downgradient) of the site, a downward hydraulic gradient ranging from (0.13 to 0.23) was measured. This is a significant vertical downward gradient in the upper sand/gravel aquifer, and appears to be the result of a higher conductivity sand and gravel deposit that underlies the sand deposit (see the Cross Section B-B' on Figure 5).

The surface topography drops steeply downgradient of the site from an approximate elevation of 780 ft MSL to an approximate elevation of 750 ft MSL in the wetland area adjacent to the River Raisin. East of the site, in proximity to the change in surface elevation, the horizontal hydraulic gradient increases (Figure 2). The presence of discontinuous gravel and/or sand with gravel units that are more conductive than the bulk of the sand aquifer facilitates the decrease in static water elevation. Where these units are present the static water level appears to mirror the elevation of the top of the clay unit (MW-21, MW-22, B-42, and B-43). The influence of the more conductive gravel unit(s) is illustrated on Cross Sections B-B' (Figure 5) and D-D' (Figure 7). Vertical groundwater movement is impeded by the continuous clay layer underlying the gravel deposit.

Nature and Extent of Affected Groundwater

Water chemistry data is summarized on Tables 2, 3, and 4. Detected concentrations of CVOCs, are shown on Figure 8. Concentrations of CVOCs at previously sampled locations are generally consistent with historic data (Table 3).

CVOCs were detected above the MDNRE generic drinking water criteria at 6 of the 12 new monitoring well locations (MW-19s, MW-20s, MW-20d, MW-21, MW-22, and MW-23). However, CVOCs were detected above the MDNRE Part 201 generic groundwater/surface water interface (GSI) criteria at only 1 of the 12 new monitoring well locations (MW-21). Figure 9 shows the horizontal extent CVOCs detected above generic drinking water and GSI criteria.

Field indicator parameters (pH, conductivity, redox potential, dissolved oxygen and temperature) were collected at each of the well locations (Table 2), and concentrations of MNA parameters (chloride, nitrate, sulfate, and ferrous iron) were evaluated at 15 monitoring well locations (Table 4). A preliminary review of these data indicates that conditions are favorable for natural attenuation. Field and MNA parameters will be considered in upcoming investigations and data evaluations including groundwater modeling.

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VOCs in the Storm Sewer

Water chemistry data for storm sewer samples collected in December 2009, can be found on Table 5. VOCs were not detected at sample location STW-01 or STW-02. The air space in the storm sewers at these sample locations was screened with a PID. No VOCs were detected with the PID.

VOCs in Private Wells

Three of the five remaining private wells identified in the CCR were re-sampled. No VOCs were detected in the water collected from these wells which are located at 607 Mohawk Street, 611 Mohawk Street, and 615 Mohawk Street. Laboratory data from these wells are included in Attachment C. As described in the CCR, these wells are screened in a water bearing zone underlying the laterally contiguous low permeability clay layer. The well located at 307 Kilbuck Street has only an external spigot, which was frozen at the time samples were collected. As reported in the CCR, no VOCs were detected in this well during the April 2009 sample event. This well remains part of the monitoring program and will be sampled as weather permits. Finally the fifth well, a shallow irrigation well located at 509 South Maumee Street was not retested. TCE was detected at this location above Part 201 criteria during the first sample event. TPC is negotiating with the well owner (Todd Klanke) in order to achieve a mutually acceptable strategy for decommissioning or treating this well.

Summary and Conclusions

This memorandum provides a status update regarding off-site migration of VOCs at the Tecumseh Products Company Site in Tecumseh, Michigan. This memorandum includes boring logs and laboratory data from off-site field activities conducted between November 2009 and January 2010. The data gaps identified by TPC and/or the USEPA including a status evaluation and proposed future activities related to the off-site migration of VOCs are listed below:

- RMT conducted soil borings at nine locations with the intention of installing two upgradient deep wells (MW-19d and MW-24d) and three downgradient deep wells (MW-10d, MW-23d, MW-21d). However the aquifer thickness decreases significantly downgradient of the site and the aquifer thickness was less than 10 feet at the proposed locations of MW-21d and MW-23d. Therefore only one well was installed at these locations. An additional deep well was installed at MW-20d to provide further definition of the deep groundwater south and east of the site. Although MW-10d was installed adjacent to MW-10s, the aquifer thickness is at the location of MW-10s/d was only 11 feet, therefore regular continuous monitoring of MW-10s and MW-10d may not be needed.
- VOCs, particularly CVOCs, were the focus of the investigation conducted by RMT and are expected to drive the scope of corrective action at the site. Field indicator parameters and monitored natural attenuation parameters were also evaluated to aid in future groundwater modeling efforts.
- CVOCs, specifically 1,1,1-TCA, TCE, cis-1,2-DCE, and vinyl chloride, have been identified in groundwater at perimeter and off-site locations.
- Field indicator parameter and MNA parameter data indicate that conditions are favorable for natural attenuation. Field and MNA parameters will be considered in upcoming investigations and data evaluations including groundwater modeling.

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- Deep boring data show that a continuous clay layer is present beneath the site and the downgradient extent of groundwater affected by VOCs. This clay layer, which has a hydraulic conductivity on the order of 10^{-8} cm/s, is expected to impede the vertical migration of VOCs into deeper aquifers.
- There is no measured downward gradient at nested wells immediately west (upgradient) of the site. However a downward gradient was measured east (downgradient) of the site as proximity to the River Raisin (the regional aquifer discharge point) increases. This is a result of a sand and gravel deposit which was identified in the southeast portion of the study area. The thickness of the aquifer east of the site, towards the River Raisin decreases significantly, and consequently the vertical gradients become insignificant.
- Data from the storm sewer and utility corridor sampling (Tables 3 and 5) indicates that neither storm sewers nor utility corridors provide significant preferential pathways for the off-site migration of VOCs.
- Three of the private water supply wells which have been identified in the affected area were retested for VOCs. No VOCs were detected at these locations (607 Mohawk Street, 611 Mohawk Street, and 615 Mohawk Street). The well located at 307 Kilbuck Street has only an external spigot, which was frozen at the time samples were collected. This well remains part of the monitoring program and will be sampled as weather permits.
- The shallow private irrigation well located at 509 South Maumee Street was not retested. TCE was detected at this location above Part 201 criteria during the first sample event. TPC is negotiating with the well owner (Todd Klanke) in order to achieve a mutually acceptable strategy for decommissioning or treating this well.
- There are currently no known instances of ingestion of affected groundwater. Therefore, ingestion of affected groundwater is a relevant, but incomplete, exposure pathway. TPC is working with the City of Tecumseh to enact institution controls to prevent the future installation and/or use of private water supply wells in the area affected by off-site migration of VOCs.
- The horizontal extent of groundwater affected by CVOCs above Part 201 criteria has been generally defined and is shown on Figure 9 with a few data gaps described below.
- A network of monitoring wells with concentrations of VOCs below generic Part 201 has been established around the majority of the horizontal extent of groundwater affected by CVOCs as shown on Figure 9 and as summarized below:
 - Upgradient (western) Extent: From north to south monitoring wells MW-11s, MW-18s, MW-15s and MW-19d define the upgradient extent of VOCs. TCE was not detected at MW-25s located approximately 250 feet south of the former TPC manufacturing building. However TCE was detected above the drinking water criterion at MW-19s (36 ug/L) located approximately 100 feet further south of the former manufacturing building and approximately 150 west (upgradient) of the building. Although the presence of TCE at a MW-19s is more logically explained by an alternative source of TCE, TPC intends to install a shallow monitoring well in the right-of-way approximately 130 feet west of MW-19s to define the southwest extent of VOCs in the shallow groundwater.

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- Northern Extent: From west to east monitoring wells MW-24s, MW-24d, and MW-12s define the northern side gradient extent of VOCs.
- Southern Extent: The southern side gradient extent of VOCs is only somewhat defined by monitoring wells MW-19s, MW-25s, MW-20s, MW-20d, and MW-14s. VOCs were detected above drinking water criteria at MW-19s, MW-20s, and MW-20d. In addition to the proposed well near MW19s described above, TPC intends to install two additional monitoring wells (one shallow and one deep) in the right-of-way approximately 500 feet south of MW-20s/d to define the southern extent of VOCs in the shallow groundwater.
- Downgradient (eastern) Extent: From north to south monitoring wells MW-13s, MW-23, MW-10s, MW-10d, MW-22, MW-17s, MW-21 and MW-14s were intended to define the downgradient extent of VOCs above Part 201 criteria in groundwater. Of these wells, VOCs were detected above Part 201 drinking water criteria at MW-23, MW-22, and MW-21. GSI criteria are not exceeded at MW-23 or MW-22.
 - Given that TPC intends to implement institution controls to prevent future installation and/or use of private water supply wells in the area, only the GSI criteria represents a relevant and potentially complete exposure pathway. Therefore additional wells downgradient of MW-22 or MW-23 are not needed.
 - As shown on Figure 2, MW-17s is a clean well located downgradient of MW-21. However given the difference in the static groundwater elevations between MW-14s and MW-21, TPC intends to further investigate the direction of groundwater flow near MW-14s. As shown on Figure 7 (Cross Section D-D') although the clay layer observed at MW-14s was sufficiently thick (at least 10 feet) to impede vertical groundwater movement, it is possible that this clay layer is not vertically contiguous with the laterally contiguous clay layer observed across the study area. Therefore, TPC intends to perform a deeper soil boring adjacent to MW-14s to determine if the clay is vertically contiguous to an elevation of approximately 745 feet MSL (approximately 35-40 feet below ground surface). If it is found not to be vertically contiguous, a deeper monitoring well will be installed at that location to further evaluate the migration of VOCs in the deep groundwater adjacent to the top of the laterally contiguous clay. This well will be installed in near the top of clay in the the presumed downgradient direction of MW-21.

The location of the four proposed additional monitoring wells is shown on Figure 9.

- TPC intends to implement a quarterly groundwater monitoring program beginning in the first quarter of 2010 to further characterize groundwater conditions. This program will be implemented and modified as appropriate so that the extent of VOCs are characterized.
- Concentrations of VOCs are below the Part 201 groundwater volatilization to indoor air criteria. However, the USEPA has indicated that the USEPA draft 2002 vapor intrusion guidance document may be applicable. RMT and TPC are in the process of evaluating the MDNRE and USEPA guidance documents related to vapor intrusion. Following this evaluation, a strategy to address the potential for off-site volatilization to indoor air, including site specific screening criteria, will be developed and submitted to USEPA for review.

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Tables:

Table 1: Groundwater and Surface Water Elevations

Table 2: Summary of Field Parameters in Groundwater

Table 3: Summary of Detected Volatile Organic Compounds in Groundwater

Table 4: Summary of Monitored Natural Attenuation Parameters in Groundwater

Table 5: Summary of Chlorinated Volatile Organic Compound Results for Storm Sewer Samples

Figures:

Figure 1: Surface Topography and Monitoring Well Locations

Figure 2: Groundwater Contour Map – December 2009

Figure 3: Cross Section Location Map

Figure 4: Geologic Cross Section A-A'

Figure 5: Geologic Cross Section B-B'

Figure 6: Geologic Cross Section C-C'

Figure 7: Geologic Cross Section D-D'

Figure 8: Summary of December 2009 and January 2010 Groundwater Analytical Data

Figure 9: Extent of VOCs above Part 201 Criteria and Proposed Monitoring Well Locations

Attachments:

Attachment A: Soil Boring and Observation Well Logs

Attachment B: Laboratory Hydraulic Conductivity Tests

Attachment C: Laboratory Analytical Data

Tables

Table 1
Groundwater and Surface Water Elevations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
MW-1S	796.53	03/16/09	16.13	780.40
		04/20/09	15.95	780.58
		06/04/09	16.14	780.39
		12/07/09	17.34	779.19
MW-2S	802.14	03/16/09	21.94	780.20
		04/20/09	21.60	780.54
		06/04/09	21.53	780.61
		12/07/09	22.87	779.27
MW-3S	787.00	03/16/09	7.63	779.37
		04/20/09	7.45	779.55
		06/04/09	7.63	779.37
		12/07/09	8.57	778.43
MW-4S	794.42	03/16/09	14.64	779.78
		04/20/09	14.40	780.02
		06/04/09	14.48	779.94
		12/07/09	15.65	778.77
MW-5S	805.59	03/16/09	24.73	780.86
		04/20/09	24.40	781.19
		06/04/09	24.41	781.18
		12/07/09	25.77	779.82
MW-6S	803.73	03/16/09	23.26	780.47
		04/20/09	22.85	780.88
		06/04/09	22.72	781.01
		12/07/09	24.18	779.55
MW-7S	804.4	03/16/09	23.85	780.55
		04/20/09	23.40	781.00
		06/04/09	23.24	781.16
		12/07/09	24.75	779.65
MW-8S	804.39	03/16/09	23.61	780.78
		04/20/09	23.30	781.09
		06/04/09	23.24	781.15
		12/07/09	24.61	779.78
MW-9S	783.97	03/16/09	4.46	779.51
		04/20/09	4.30	779.67
		06/04/09	4.63	779.34
		12/07/09	5.65	778.32
MW-10S	788.65	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	10.46	778.19
		12/07/09	11.57	777.08
MW-10D	788.40	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	12.10	776.30

Notes:

Survey conducted to feet mean sea level by Midwestern Consultants, Inc. (2009)

ft MSL - feet above mean sea level

ft BTOC - feet below top of casing

NI - Not Installed at time of measurement

NM - Not Measured

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Tecumseh Products Company
Tecumseh, Michigan
December 2009

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
MW-11S	809.64	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	28.09	781.55
		12/07/09	29.69	779.95
MW-12S	790.9	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	12.40	778.50
		12/07/09	13.67	777.23
MW-13S	787.35	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	14.88	772.47
		12/07/09	15.81	771.54
MW-14S	780.67	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	5.12	775.55
		12/07/09	6.20	774.47
MW-15S	811.72	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	29.59	782.13
		12/07/09	31.09	780.63
MW-16S	782.9	03/16/09	NI	NI
		04/20/09	NI	NI
		07/23/09	Dry	NM
		12/07/09	Dry	NM
MW-17S	754.49	03/16/09	NI	NI
		04/20/09	NI	NI
		07/23/09	5.33	749.16
		40154.00	5.40	749.09
MW-18S	805.49	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	25.66	779.83
MW-19S	803.92	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	24.05	779.87
MW-19D	804.04	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	24.17	779.87
MW-20S	783.16	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	4.85	778.31

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Table 1
Groundwater and Surface Water Elevations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
MW-20D	783.29	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	11.98	771.31
MW-21	780.85	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	29.69	751.16
MW-22	782.62	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	24.62	758.00
MW-23	787.10	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	9.27	777.83
MW-24S	797.83	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	19.10	778.73
MW24D	797.93	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	19.20	778.73
MW-25S	798.23	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	18.77	779.46
E. Chicago Blvd (River Raisin)	756.50	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	14.00	742.51
Russell Road (River Raisin)	755.23	03/16/09	NI	NI
		04/20/09	NI	NI
		06/04/09	NI	NI
		12/07/09	19.36	735.87

Notes:

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ft BTOC - feet below top of casing
NI - Not Installed at time of measurement
NM - Not Measured

Table 2
Summary of Field Parameters in Groundwater
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Temperature
Units		S.U.	umhos/cm	mV	mg/L	°C
MW-01S	12/09/2009	7.29	499	161	5.68	12.64
MW-02S	12/09/2009	6.67	1238	192	3.92	14.78
MW-03S	12/08/2009	6.85	1342	63	1.21	13.67
MW-04S	12/09/2009	6.87	970	68	7.17	15.47
MW-05S	12/10/2009	7.41	765	131	7.19	10.18
MW-06S	12/09/2009	7.18	635	171	2.32	11.72
MW-07S	12/10/2009	7.27	822	95	3.41	10.43
MW-08S	12/10/2009	7.49	828	119	8.60	10.91
MW-09S	12/09/2009	7.14	661	172	6.32	11.63
MW-10S	12/09/2009	7.01	825	-1	6.16	9.99
MW-10D	12/09/2009	6.98	1150	6	1.69	10.05
MW-11S	12/09/2009	7.14	969	140	8.59	10.18
MW-12S	12/10/2009	6.34	906	165	8.03	10.51
MW-13S	12/10/2009	6.51	1264	122	3.26	11.24
MW-14S	12/08/2009	7.04	1251	52	1.26	11.69
MW-15S	12/10/2009	7.07	456	150	9.35	9.76
MW-16S	12/07/2009	NM	NM	NM	NM	NM
MW-17S	12/07/2009	7.32	810	124	8.06	8.82
MW-18S	12/08/2009	7.31	1043	56	4.52	11.59
MW-19S	12/08/2009	6.82	1065	53	2.73	12.37
MW-19D	12/08/2009	6.86	1067	-84	0.71	10.99
MW-20S	12/10/2009	7.48	418	15	2.93	9.75
MW-20D	12/10/2009	6.87	1006	-41	0.82	11.18
MW-21	12/08/2009	7.12	1049	36	4.43	11.30
MW-22	12/07/2009	5.73	1220	190	1.75	9.62
MW-23	12/08/2009	6.63	1520	-29	0.68	12.91
MW-24S	12/08/2009	7.24	1710	5	3.86	13.10
MW-24D	12/08/2009	6.89	3760	-65	0.58	11.89
MW-25S	12/10/2009	7.08	743	71	0.93	11.01

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

°C = degrees Celsius

NM = Not measured

Table 3
Summary of Detected Volatile Organic Compounds in Groundwater
Perimeter and Off-Site Locations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte	Carbon Disulfide ^(2,3)	Dichlorodi- fluoromethane	1,1-Dichloroethane	1,2- Dichloroethane ⁽²⁾	1,1-Dichloroethene ⁽²⁾	cis-1,2- Dichloroethene	trans-1,2- Dichloroethene	Tetrachloroethene	Toluene ⁽²⁾	1,1,1- Trichloroethane	Trichloroethene	Trichloro- fluoromethane	Vinyl Chloride	Xylenes ⁽²⁾
Residential & Industrial Aesthetic DWC	NC	NC	NC	NC	NC	NC	NC	NC	790	NC	NC	NC	NC	280
Residential Health-Based DWC	800	1,700	880	5.0	7.0	70	100	5.0	1,000	200	5.0	2600	2.0	10000
Industrial Health-Based DWC	2,300	4,800	2,500	5.0	7.0	70	100	5.0	1,000	200	5.0	7300	2.0	10000
GSI Criteria	NC	NC	740	360 ⁽¹⁾	65 ⁽¹⁾	620	1,500	45 ⁽¹⁾	140	200	200 ⁽¹⁾	NC	15	35
Residential Volatilization to IAI Criteria	2.5E+5	2.20E+05	1.0E+6	9,600	200	93,000	85,000	25,000	5.30E+05	6.6E+5	15,000	1.1E6	1,100	1.90E+05
Industrial Volatilization to IAI Criteria	5.5E+5	3.00E+05	2.3E+6	59,000	1,300	2.1E+5	2.0E+5	1.7E+5	5.30E+05	1.3E+6	97,000	1.1E6	13,000	1.90E+05
Groundwater Contact Criteria	1.2E+6 (S)	3.00E+05	2.4E+6	19,000	11,000	2.0E+5	2.2E+5	12,000	5.30E+05	1.3E+6	22,000	1.1E6	1,000	1.90E+05
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

B-01 (26'-30')	03/09/2009	<1.0	<1.0	26	1.0	5.9	120	12	<1.0	5.3	<1.0	200	<1.0	<1.0	<3.0
B-01 (46'-50')	03/09/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	6.8	<1.0	5.0	<3.0
B-02 (22'-26')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	27	<3.0
B-02 (33'-37')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	16	<3.0
B-03 (26'-30')	03/09/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	1.4	<3.0
B-03 (38'-42')	03/09/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	<3.0
B-04 (19'-23')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12	<3.0
B-04 (19'-23'), Dup-01	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12	<3.0
B-04 (29'-33')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-05 (14'-18')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<3.0
B-05 (22'-26')	03/10/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<3.0
B-06 (44'-48')	03/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	<1.0	<1.0	<3.0
B-07 (44'-48')	03/16/2009	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-08 (44'-48')	03/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-10 (24'-28')	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	57	NA	<1.0	<2.0
B-11 (29'-33')	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-12 (24'-28')	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	NA	<1.0	<2.0
B-12 (24'-28'), Dup-05	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	NA	<1.0	<2.0
B-13 (29'-33')	4/17/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-13 (46'-50')	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-14 (16'-20')	4/14/2009	NA	NA	<100	<100	<100	<100	<100	<100	<100	<100	1100	NA	<100	<200
B-14 (36'-40')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	NA	<1.0	<2.0
B-15 (24'-28')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	9.9	2.8	NA	<1.0	<2.0
B-15 (44'-48')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.7	NA	<1.0	<2.0
B-17 (24'-28')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-18 (22'-26')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	1.4	<1.0	<1.0	NA	<1.0	<2.0
B-18 (32'-36')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	1.4	<1.0	<1.0	NA	<1.0	<2.0

Notes:

Residential and Industrial Aesthetic Drinking Water Criteria (DWC), Residential and Industrial Health-Based DWC, Groundwater Surface Water Interface (GSI) Criteria, Residential and Industrial Groundwater Volatilization to Indoor Air Inhalation (IAI) 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.

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

3) Compound may exhibit characteristic reactivity as defined in 40 C.F.R. § 261.23

Table 3
Summary of Detected Volatile Organic Compounds in Groundwater
Perimeter and Off-Site Locations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		Carbon Disulfide ^(2,3)	Dichlorodi-fluoromethane	1,1-Dichloroethane	1,2-Dichloroethane ⁽²⁾	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Toluene ⁽²⁾	1,1,1-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	Xylenes ⁽²⁾
Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC	NC	NC	790	NC	NC	NC	NC	280
Residential Health-Based DWC		800	1,700	880	5.0	7.0	70	100	5.0	1,000	200	5.0	2600	2.0	10000
Industrial Health-Based DWC		2,300	4,800	2,500	5.0	7.0	70	100	5.0	1,000	200	5.0	7300	2.0	10000
GSI Criteria		NC	NC	740	360 ⁽¹⁾	65 ⁽¹⁾	620	1,500	45 ⁽¹⁾	140	200	200 ⁽¹⁾	NC	15	35
Residential Volatilization to IAI Criteria		2.5E+5	2.20E+05	1.0E+6	9,600	200	93,000	85,000	25,000	5.30E+05	6.6E+5	15,000	1.1E6	1,100	1.90E+05
Industrial Volatilization to IAI Criteria		5.5E+5	3.00E+05	2.3E+6	59,000	1,300	2.1E+5	2.0E+5	1.7E+5	5.30E+05	1.3E+6	97,000	1.1E6	13,000	1.90E+05
Groundwater Contact Criteria		1.2E+6 (S)	3.00E+05	2.4E+6	19,000	11,000	2.0E+5	2.2E+5	12,000	5.30E+05	1.3E+6	22,000	1.1E6	1,000	1.90E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

B-19 (12-16')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	11	<2.0
B-19 (29-33')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	NA	10	<2.0
B-20 (18-22')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-20 (8-12')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-21 (13-17')	4/15/2009	NA	NA	8.1	<1.0	<1.0	13	2.2	<1.0	<1.0	3.6	30	NA	58	<2.0
B-21 (6-10')	4/15/2009	NA	NA	3.3	<1.0	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	6.9	NA	1.0	<2.0
B-22 (18-23')	4/14/2009	NA	NA	<20	<20	<20	<20	<20	<20	<20	53	190	NA	<20	<40
B-22 (40-44')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0	1.4	3.0	NA	<1.0	<2.0
B-23a (14-18')	4/13/2009	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.8	<2.0	23	NA	<2.0	<6.0
B-23a (14-18'), Dup-01	4/13/2009	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	5.0	<2.0	26	NA	<2.0	<6.0
B-23a (30-34')	4/13/2009	NA	NA	<250	<250	<250	5500	<250	<250	<250	<250	1700	NA	<250	<750
B-23b (14-16')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	8.9	NA	<1.0	<2.0
B-23a (6-10')	4/13/2009	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	150	NA	<5.0	<15
B-24a (28-32')	4/13/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	NA	6.7	<2.0
B-24b (5-7')	4/16/2009	NA	NA	<20	<20	<20	<20	<20	<20	<20	29	740	NA	<20	<40
B-24b (5-7'), Dup-04	4/16/2009	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	770	NA	<50	<100
B-25 (7-11')	4/17/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-25 (7-11'), Dup-06	4/17/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-25 (31-35')	4/17/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-26 (16-20')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	1.2	<1.0	<1.0	NA	3.1	<2.0
B-26 (29-33')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	7.3	<1.0	<1.0	<1.0	<1.0	<1.0	NA	140	<2.0
B-27b (8-10')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.2	NA	<1.0	<2.0
B-28b (16-18')	4/16/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.7	<2.0
B29 (8-12')	4/13/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B29 (38-42')	4/13/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.3	1.1
B-29b	11/24/2009	<2.0	<10	27	<2.0	<2.0	6.2	<2.0	210	<2.0	77	76	<2.0	<2.0	<6.0
B-30a (6-11')	4/14/2009	NA	NA	2.4	<1.0	<1.0	36	4.2	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-30a (30-34')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	1.1

Notes:
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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.
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Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC	NC	NC	790	NC	NC	NC	NC	280
Residential Health-Based DWC		800	1,700	880	5.0	7.0	70	100	5.0	1,000	200	5.0	2600	2.0	10000
Industrial Health-Based DWC		2,300	4,800	2,500	5.0	7.0	70	100	5.0	1,000	200	5.0	7300	2.0	10000
GSI Criteria		NC	NC	740	360 ⁽¹⁾	65 ⁽¹⁾	620	1,500	45 ⁽¹⁾	140	200	200 ⁽¹⁾	NC	15	35
Residential Volatilization to IAI Criteria		2.5E+5	2.20E+05	1.0E+6	9,600	200	93,000	85,000	25,000	5.30E+05	6.6E+5	15,000	1.1E6	1,100	1.90E+05
Industrial Volatilization to IAI Criteria		5.5E+5	3.00E+05	2.3E+6	59,000	1,300	2.1E+5	2.0E+5	1.7E+5	5.30E+05	1.3E+6	97,000	1.1E6	13,000	1.90E+05
Groundwater Contact Criteria		1.2E+6 (S)	3.00E+05	2.4E+6	19,000	11,000	2.0E+5	2.2E+5	12,000	5.30E+05	1.3E+6	22,000	1.1E6	1,000	1.90E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B-30a (30-34'), Dup-02	4/14/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B31 (10-14')	4/13/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.4	<1.0	<1.0	NA	8.1	<2.0
B31 (25-29')	4/13/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	NA	390	<2.0
B-32a (10-14')	4/14/2009	NA	NA	<1.0	<1.0	<1.0	13	<1.0	<1.0	1.6	<1.0	<1.0	NA	430	<2.0
B-32a (25-29')	4/14/2009	NA	NA	<100	<100	<100	1200	<100	<100	<100	<100	<100	NA	360	<200
B-32b (8.5-10.5')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	3.4	<1.0	1.7	<1.0	2.1	13	NA	1.6	<2.0
B-33 (4-8')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-33 (4-8'), Dup-03	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-33 (17-21')	4/15/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-33b	11/24/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<1.0	<1.0	<3.0
B-34 (14-18')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-34 (41-45')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<2.0
B-35 (5-9')	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.1	<2.0
B-35 (30-34')	4/20/2009	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	450	<20
B-35 (5-9'), Dup-07	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.1	<2.0
B-36 (12-16')	5/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-36 (16-20')	5/13/2009	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-36 (16-20'), Dup 01	5/13/2009	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-37 (38.5-42.5')	5/12/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<3.0
B-38 (15-19')	5/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<3.0
B-38 (36-40')	5/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-39 (15-19')	5/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-40 (16-20')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
B-40 (42-46')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-25 (46'-51')	12/01/2009	<1.0	<5.0	<1.0	<1.0	<1.0	37	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-01s (16-21')	03/13/2009	<20	<20	<20	<20	<20	<20	<20	<20	<20	750	2700	<20	<20	<60
	4/20/2009	NA	NA	<100	<100	<100	<100	<100	<100	<100	1100	2200	NA	<100	<200
	12/09/2009	<20	<100	<20	<20	<20	<20	<20	<20	<20	1000	3400	<20	<20	<60
DUP-01 (MW-01s)	03/13/2009	<20	<20	<20	<20	<20	<20	<20	<20	<20	720	2700	<20	<20	<60

Notes:
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ug/L = micrograms per liter
NC = No Criteria
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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
3) Compound may exhibit characteristic reactivity as defined in 40 C.F.R. § 261.23

Table 3
Summary of Detected Volatile Organic Compounds in Groundwater
Perimeter and Off-Site Locations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		Carbon Disulfide ^(2,3)	Dichlorodi-fluoromethane	1,1-Dichloroethane	1,2-Dichloroethane ⁽²⁾	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Toluene ⁽²⁾	1,1,1-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	Xylenes ⁽²⁾
Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC	NC	NC	790	NC	NC	NC	NC	280
Residential Health-Based DWC		800	1,700	880	5.0	7.0	70	100	5.0	1,000	200	5.0	2600	2.0	10000
Industrial Health-Based DWC		2,300	4,800	2,500	5.0	7.0	70	100	5.0	1,000	200	5.0	7300	2.0	10000
GSI Criteria		NC	NC	740	360 ⁽¹⁾	65 ⁽¹⁾	620	1,500	45 ⁽¹⁾	140	200	200 ⁽¹⁾	NC	15	35
Residential Volatilization to IAI Criteria		2.5E+5	2.20E+05	1.0E+6	9,600	200	93,000	85,000	25,000	5.30E+05	6.6E+5	15,000	1.1E6	1,100	1.90E+05
Industrial Volatilization to IAI Criteria		5.5E+5	3.00E+05	2.3E+6	59,000	1,300	2.1E+5	2.0E+5	1.7E+5	5.30E+05	1.3E+6	97,000	1.1E6	13,000	1.90E+05
Groundwater Contact Criteria		1.2E+6 (S)	3.00E+05	2.4E+6	19,000	11,000	2.0E+5	2.2E+5	12,000	5.30E+05	1.3E+6	22,000	1.1E6	1,000	1.90E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-02s (23-28')	03/13/2009	<2.0	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	2.2	<2.0	2.5	280	<2.0	<2.0	<6.0
	4/20/2009	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	130	NA	<10	<20
	12/09/2009	<2.0	<10	<2.0	<2.0	<2.0	3.7	<2.0	2.7	<2.0	2.9	250	<2.0	<2.0	<6.0
MW-03s (9-14')	03/13/2009	<2.0	<2.0	9.1	<2.0	<2.0	240	9.1	<2.0	<2.0	<2.0	<2.0	<2.0	140	<6.0
	4/20/2009	NA	NA	18	<10	<10	490	18	<10	<10	<10	<10	NA	210	<20
	12/08/2009	<25	<120	46	<25	<25	2200	83	<25	<25	<25	<25	<25	130	<75
DUP-01 (MW-03S)	12/08/2009	<25	<120	42	<25	<25	2000	73	<25	<25	<25	<25	<25	120	<75
MW-04s (15-20')	03/13/2009	<25	<25	<25	<25	<25	2100	70	<25	<25	<25	5000	<25	460	<75
	4/20/2009	NA	NA	<100	<100	<100	1700	<100	<100	<100	<100	4000	NA	520	<200
	12/09/2009	<50	<250	<50	<50	<50	2500	90	<50	<50	<50	7100	<50	270	<150
MW-05s (25-30')	03/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	120	<1.0	<1.0	<3.0
	4/20/2009	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	140	NA	<5.0	<10
	12/10/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.3	<1.0	<1.0	190	<1.0	<1.0	<3.0
MW-06s (24-29')	03/16/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	21	<1.0	<1.0	<3.0
	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	23	NA	<1.0	<2.0
	12/09/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	37	<1.0	<1.0	<3.0
MW-07s (23.5-28.5')	03/16/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	10	<1.0	<1.0	<3.0
	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	11	NA	<1.0	<2.0
	12/10/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	14	<1.0	<1.0	<3.0
MW-08s (23.5-28.5')	03/16/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	<1.0	<3.0
	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10	NA	<1.0	<2.0
	12/10/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	<1.0	<3.0
DUP-01 (MW-08s)	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10	NA	<1.0	<2.0
MW-09s (7-12')	03/16/2009	<20	<20	<20	<20	<20	<20	<20	<20	<20	160	1700	<20	<20	<60
	4/20/2009	NA	NA	<100	<100	<100	<100	<100	<100	<100	220	2100	NA	<100	<200
	12/09/2009	<20	<100	<20	<20	<20	<20	<20	<20	<20	150	2400	<20	<20	<60

Notes:
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3) Compound may exhibit characteristic reactivity as defined in 40 C.F.R. § 261.23

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Perimeter and Off-Site Locations
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		Carbon Disulfide ^(2,3)	Dichlorodi-fluoromethane	1,1-Dichloroethane	1,2-Dichloroethane ⁽²⁾	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	Toluene ⁽²⁾	1,1,1-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	Xylenes ⁽²⁾
Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC	NC	NC	790	NC	NC	NC	NC	280
Residential Health-Based DWC		800	1,700	880	5.0	7.0	70	100	5.0	1,000	200	5.0	2600	2.0	10000
Industrial Health-Based DWC		2,300	4,800	2,500	5.0	7.0	70	100	5.0	1,000	200	5.0	7300	2.0	10000
GSI Criteria		NC	NC	740	360 ⁽¹⁾	65 ⁽¹⁾	620	1,500	45 ⁽¹⁾	140	200	200 ⁽¹⁾	NC	15	35
Residential Volatilization to IAI Criteria		2.5E+5	2.20E+05	1.0E+6	9,600	200	93,000	85,000	25,000	5.30E+05	6.6E+5	15,000	1.1E6	1,100	1.90E+05
Industrial Volatilization to IAI Criteria		5.5E+5	3.00E+05	2.3E+6	59,000	1,300	2.1E+5	2.0E+5	1.7E+5	5.30E+05	1.3E+6	97,000	1.1E6	13,000	1.90E+05
Groundwater Contact Criteria		1.2E+6 (S)	3.00E+05	2.4E+6	19,000	11,000	2.0E+5	2.2E+5	12,000	5.30E+05	1.3E+6	22,000	1.1E6	1,000	1.90E+05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-10S (8-13')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/09/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
DUP-02 (MW-10S)	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-10D (14-19')	12/09/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-11S (29-34')	5/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/09/2009	<1.0	<5.0	<1.0	<1.0	<1.0	4.6	<1.0	<1.0	<1.0	<1.0	8.7	<1.0	<1.0	<3.0
	01/13/2010	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-12S (12-17')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/30/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-13S (13-18')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/10/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-14S (4-9')	5/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-15S (30-35')	5/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/30/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-17S (3-8')	7/23/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	12/07/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-18S (26-31')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-19S (25-30')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	31	<1.0	<1.0	<3.0
	01/13/2010	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	2.3	36	<1.0	<1.0	<3.0
MW-19D (40-45')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-20s (8-13')	12/30/2009	<1.0	<5.0	48	<1.0	4.0	9.6	<1.0	<1.0	<1.0	150	71	2.9	<1.0	<3.0
	01/13/2010	<1.0	<5.0	50	<1.0	3.5	9.0	<1.0	<1.0	<1.0	170	70	2.8	<1.0	<3.0
MW-20d (38.5-43.5')	12/30/2009	<1.0	<5.0	1.2	<1.0	<1.0	86	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	3.5	<3.0
	01/13/2010	<1.0	<5.0	<1.0	<1.0	<1.0	94	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<3.0
MW-21 (28.5-33.5')	12/08/2009	<10	<50	31	<10	<10	59	<10	<10	<10	54	840	<10	<10	<30
	01/13/2010	<10	<50	28	<10	<10	62	<10	<10	<10	56	730	<10	<10	<30
MW-22 (25-30')	12/07/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10	<3.0
MW-23 (17-22')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<3.0
	01/13/2010	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.6	<3.0
MW-24S (18.5'-23.5')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-24D (39-44')	12/08/2009	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
MW-25S (20-25')	12/10/2009	<1.0	<5.0	1.7	<1.0	<1.0	8.8	<1.0	<1.0	<1.0	4.8	<1.0	<1.0	<1.0	<3.0

Notes:
Residential and Industrial Aesthetic Drinking Water Criteria (DWC), Residential and Industrial Health-Based DWC, Groundwater Surface Water Interface (GSI) Criteria, Residential and Industrial Groundwater Volatilization to Indoor Air Inhalation (IAI) Criteria,
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3) Compound may exhibit characteristic reactivity as defined in 40 C.F.R. § 261.23

Table 4
Summary of Monitored Natural Attenuation Parameters in Groundwater
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		Chloride	Nitrate as Nitrogen	Sulfate	Iron II	Alkalinity	Total Organic Carbon
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-01S	12/09/2009	34	3.0	20	0.31	NA	NA
MW-03S	12/08/2009	220	2.1	37	0.11	NA	NA
MW-03S (DUP-01)	12/08/2009	220	2.1	37	0.12	NA	NA
MW-04S	12/09/2009	100	6.8	27	0.079	430	4.4
MW-06S	12/09/2009	60	3.0	40	1.6	NA	NA
MW-09S	12/09/2009	63	1.8	24	0.23	NA	NA
MW-10D	12/09/2009	210	<0.05	44	0.48	NA	NA
MW-14S	12/08/2009	250	0.26	23	0.071	NA	NA
MW-17S	12/07/2009	88	<0.05	37	0.15	NA	NA
MW-18S	12/08/2009	140	1.9	47	0.44	NA	NA
MW-19S	12/08/2009	140	2.9	32	0.073	380	1
MW-19D	12/08/2009	150	<0.05	64	5.0	320	1.1
MW-21	12/08/2009	150	0.66	46	0.11	NA	NA
MW-23	12/08/2009	300	<0.05	63	4.0	NA	NA
MW-24S	12/08/2009	350	3.3	93	0.13	340	1.6
MW-24D	12/08/2009	1100	<0.05	110	6.4	350	1.3

Notes:

mg/L = milligrams per liter

NA = Not Analyzed

bold font denotes concentrations detected above laboratory reporting limits

Table 5
Summary of Chlorinated Volatile Organic Compound Results For Storm Sewer Samples
Tecumseh Products Company
Tecumseh, Michigan
December 2009

Analyte		1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
Residential & Industrial Aesthetic DWC		NC	NC	NC	NC	NC	NC
Residential Health-Based DWC		7.0	70	5.0	200	5.0	2.0
Industrial Health-Based DWC		7.0	70	5.0	200	5.0	2.0
GSI Criteria		65 ⁽¹⁾	620	45 ⁽¹⁾	200	200 ⁽¹⁾	15
Residential Volatilization to IAI Criteria		200	93,000	25,000	6.6E+5	15,000	1,100
Industrial Volatilization to IAI Criteria		1,300	2.1E+5	1.7E+5	1.3E+6	97,000	13,000
Groundwater Contact Criteria		11,000	2.0E+5	12,000	1.3E+6	22,000	1,000
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
STW #1	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/9/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
STW #2	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	23
	12/9/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
STW #3	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
STW #4	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
STW #5	4/13/2009	<1.0	1.6	<1.0	<1.0	<1.0	<1.0
STW #6	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
STW #7	4/13/2009	<1.0	<1.0	<1.0	<1.0	2.7	<1.0
STW #8	4/13/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

Residential and Industrial Aesthetic Drinking Water Criteria (DWC), Residential and Industrial Health-Based DWC, Groundwater Surface Water Interface (GSI) Criteria, Residential and Industrial Groundwater Volatilization to Indoor Air Inhalation (IAI) 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.

ug/L = micrograms per liter

NC = No Criteria

NA = Not Analyzed

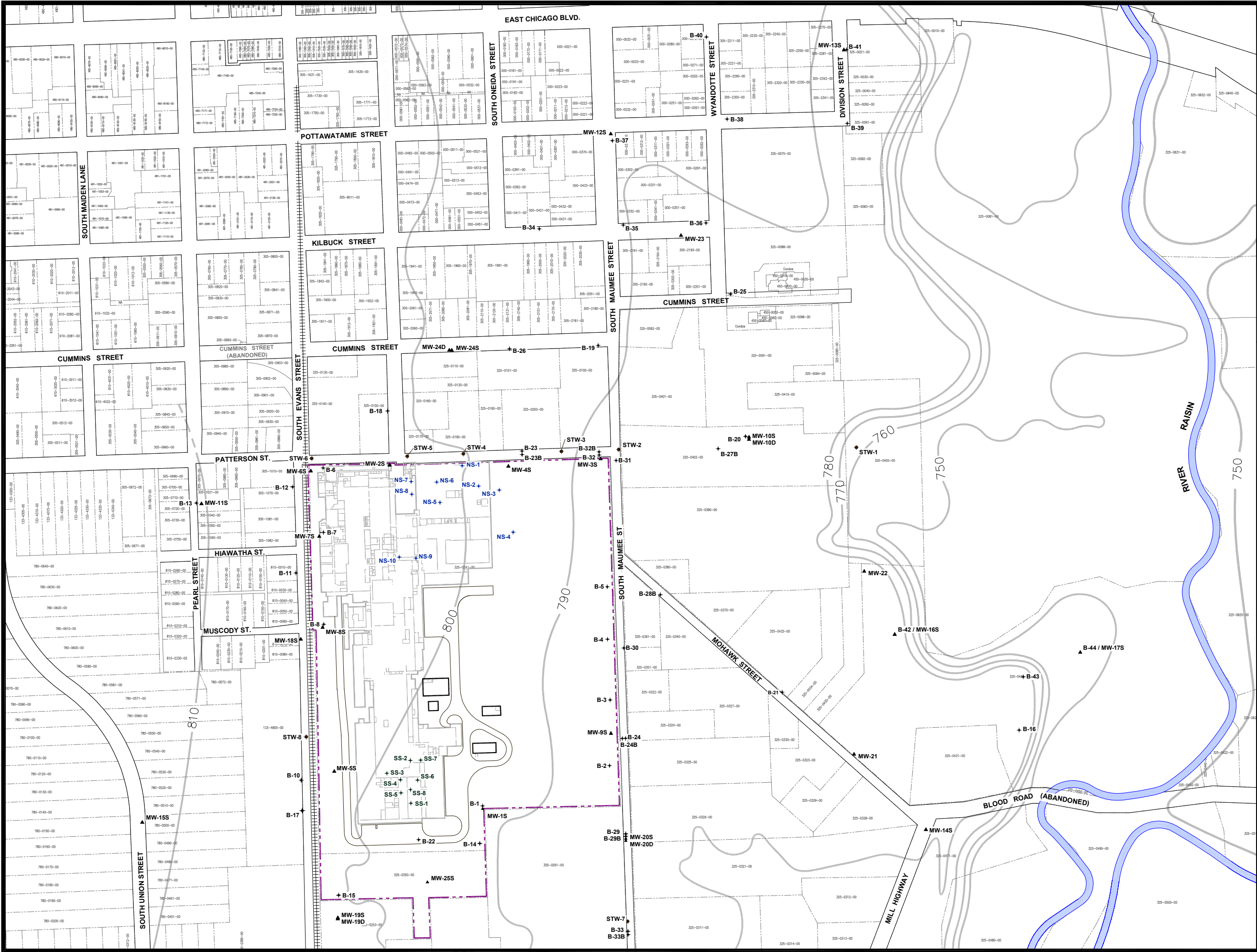
bold font denotes concentrations detected above laboratory reporting limits

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

Figures



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- 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
- 750 APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP

NOTES

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

SCALE IN FEET

0 200' 400' 600' 800'

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**FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN**

**SURFACE TOPOGRAPHY
AND MONITORING WELL LOCATIONS**

DRAWN BY:	S.J.L.	DRAWING SCALE:	PROJECT NO:
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APPROVED BY: <td>GC<td>DATE PRINTED:<td>FIGURE 1</td></td></td>	GC <td>DATE PRINTED:<td>FIGURE 1</td></td>	DATE PRINTED: <td>FIGURE 1</td>	FIGURE 1
DATE:	February 2010		

RMT

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PROJECT DATA
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Drawing File Name: 0.080803
Date: February 11, 2010
Plot Date: February 11, 2010
Plot Time: 3:03 PM
Imag: h:\030109
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Attached Images: Layout

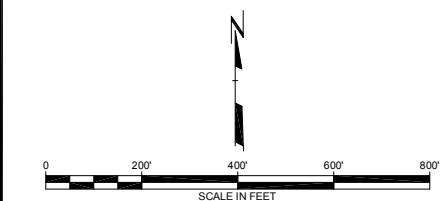


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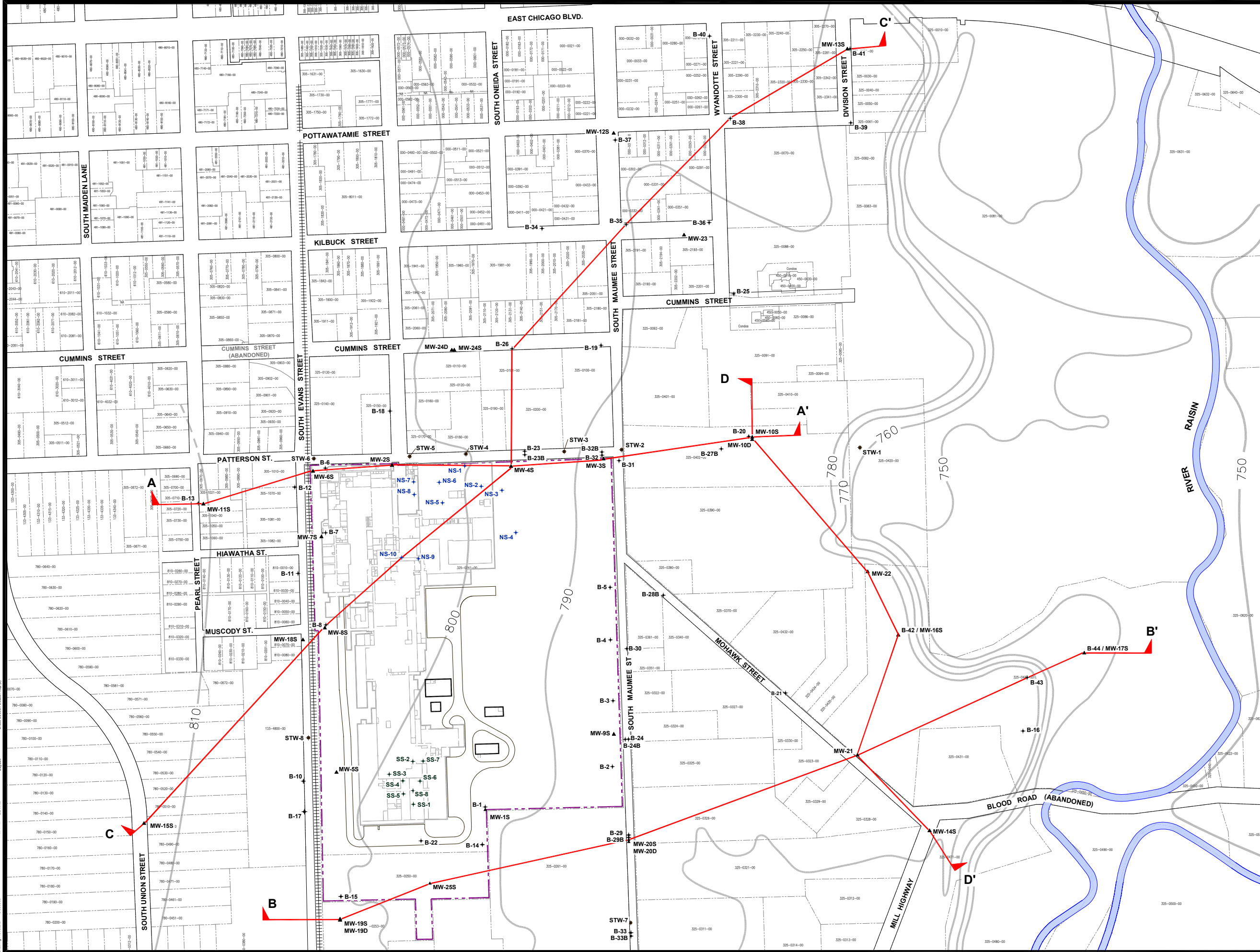
- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- B-2 + PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S ▲ MONITORING WELL LOCATION AND NUMBER
- NS-6 + NORTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SS-2 + SOUTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- STW-2 + STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- 750 APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- GROUNDWATER FLOW DIRECTION
- 740 5 FOOT GROUNDWATER CONTOUR LINE
- 777 1 FOOT GROUNDWATER CONTOUR LINE
- (778.97) GROUNDWATER ELEVATION

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.

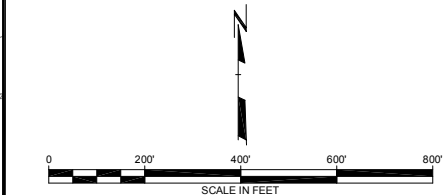


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NO.	BY	DATE	REVISION		AP
FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN					
GROUNDWATER CONTOUR MAP DECEMBER 2009					
DRAWN BY:	S.J.	DRAWING SCALE:	AS INDICATED	PROJECT NO:	J:\08070\07
CHECKED BY:	SEM	DATE PRINTED:		FILE NO:	8070.07.02
APPROVED BY:	GC			FIGURE 2	
DATE:	February 2010				
					
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- LEGEND**
- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
 - PARCEL BOUNDARY
 - RAILROAD TRACKS (APPROXIMATE LOCATION)
 - 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
 - 750 APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP
 - A CROSS SECTION LOCATOR LINE

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



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FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

CROSS SECTION LOCATION MAP

DRAWN BY: S.J.	DRAWING SCALE: AS INDICATED	PROJECT NO: J-108070.07
CHECKED BY: JAB/SEM	DATE PRINTED:	FILE NO: 8070.07.03.dwg
APPROVED BY: GC		FIGURE 3
DATE: February 2010		

RMT

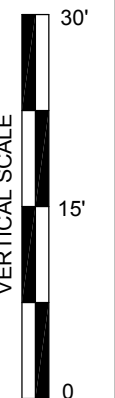
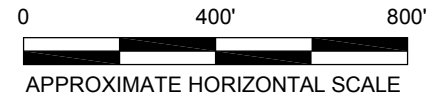
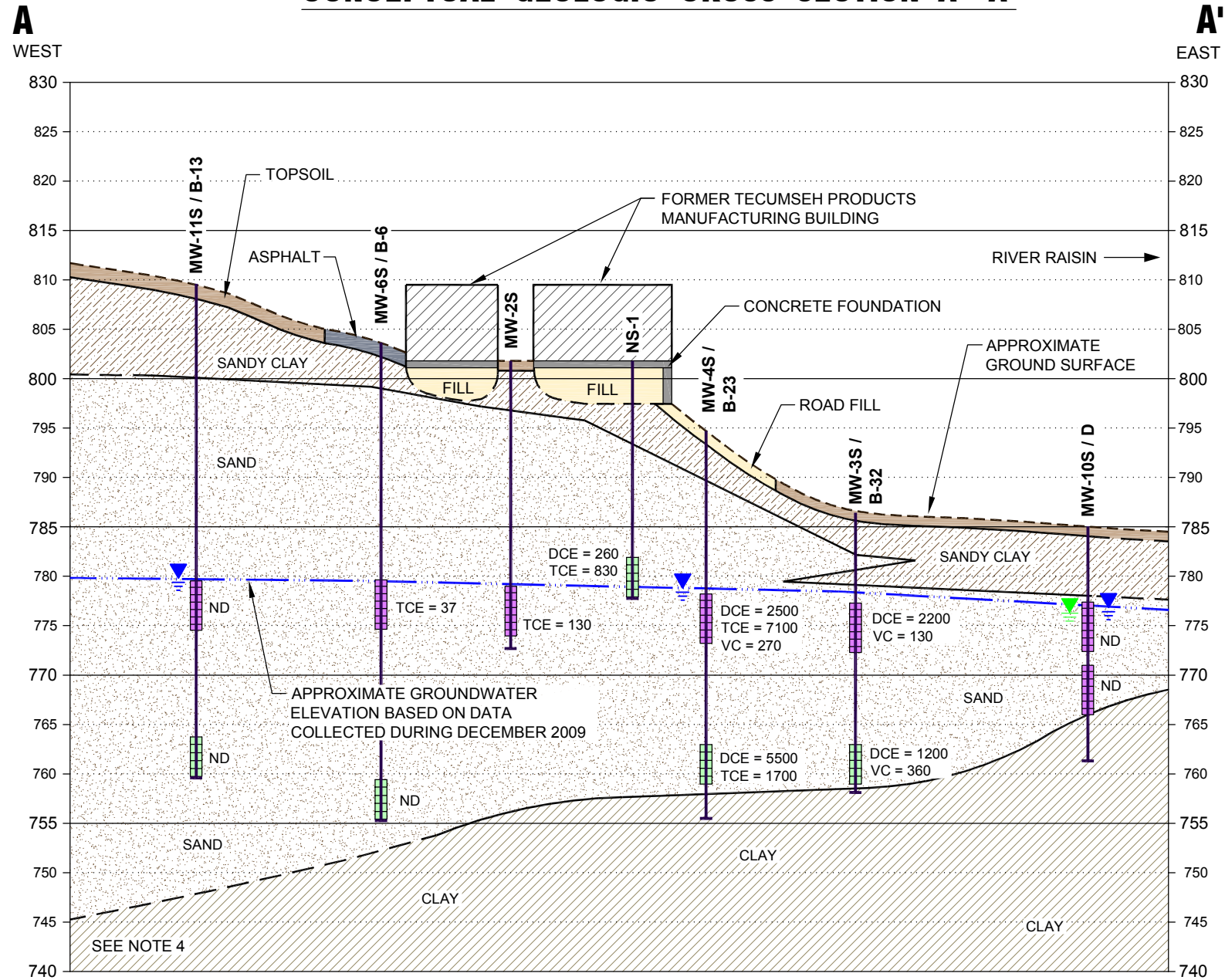
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RMT COMPUTER AIDED DESIGN AND DRAFTING

Layout: Section A - A' (4)

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Operator Name: LUCIDO, SAM
Dwg Size: 0.27 Mb
Plot Date: February 11, 2010
Plot Time: 2:58 PM
Drawing Plot Scale: 0.386863

CONCEPTUAL GEOLOGIC CROSS SECTION A - A'



LEGEND

CONCRETE	ASPHALT	APPROXIMATE GROUND SURFACE
TOPSOIL	GRAVEL	STRATIGRAPHIC BOUNDARY BASED ON NEAREST SOIL BORING OR MONITORING WELL
FILL	SILT	APPROXIMATE GROUNDWATER ELEVATION
SAND (SOME AREAS CONTAIN GRAVEL)	SANDY CLAY	PIEZOMETRIC WATER LEVEL INDICATOR
CLAY		WELL SCREEN
		TEMPORARY WELL SCREEN

NOTES

- GROUND SURFACE AND STRATIGRAPHIC CONTACTS ARE APPROXIMATE AND EXTRAPOLATED FROM NEAREST SOIL BORING DATA.
- SEE FIGURE 3 FOR LOCATION / ORIENTATION OF THIS GEOLOGIC CROSS SECTION.
- GROUNDWATER ANALYTICAL DATA REFLECTS MOST RECENT SAMPLE EVENT AS OF JANUARY 2010.
- THE ELEVATION OF THE TOP OF CLAY IS ESTIMATED BASED ON WELL LOGS FROM THE CITY OF TECUMSEH WELL FIELD, WHICH IS LOCATED APPROXIMATELY 1,000 FT WEST OF MW-11S. TOP OF CLAY AT THE CITY WELL FIELD IS AT APPROXIMATELY 740 FT MSL.

FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN

GEOLOGIC CROSS SECTION A - A'

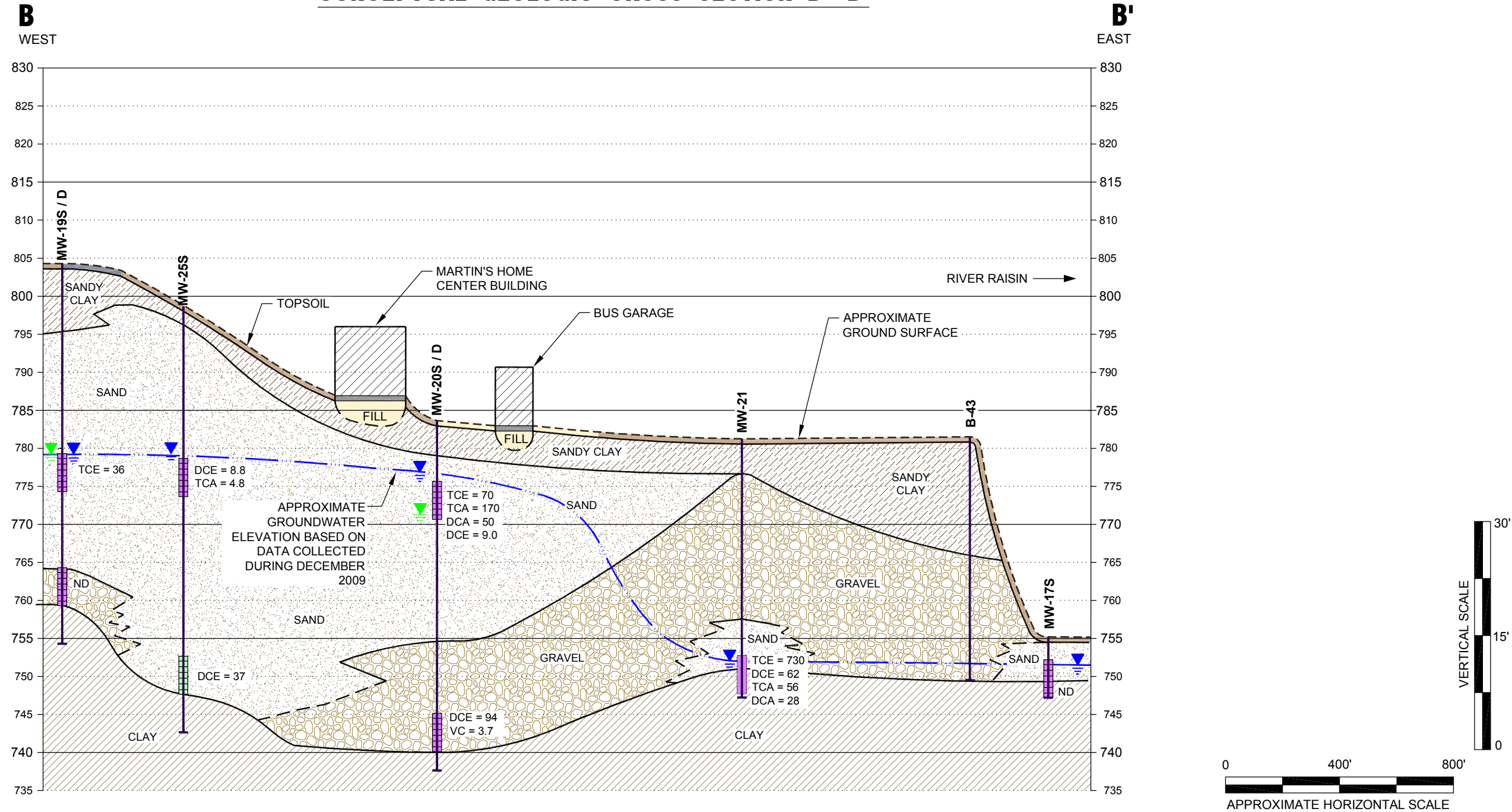
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CHECKED BY:	SBH,GC	FILE NUMBER:	8070.07.04-07.dwg
APPROVED BY:	GC	DATE:	February 2010

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FIGURE 4

CONCEPTUAL GEOLOGIC CROSS SECTION B - B'



LEGEND

	CONCRETE		ASPHALT		APPROXIMATE GROUND SURFACE
	TOPSOIL		GRAVEL		STRATIGRAPHIC BOUNDARY BASED ON NEAREST SOIL BORING OR MONITORING WELL
	FILL		SILT		APPROXIMATE GROUNDWATER ELEVATION
	SAND (SOME AREAS CONTAIN GRAVEL)		SANDY CLAY		PIEZOMETRIC WATER LEVEL INDICATOR
	CLAY		WELL SCREEN		TEMPORARY WELL SCREEN

NOTES

- GROUND SURFACE AND STRATIGRAPHIC CONTACTS ARE APPROXIMATE AND EXTRAPOLATED FROM NEAREST SOIL BORING DATA.
- SEE FIGURE 3 FOR LOCATION / ORIENTATION OF THIS GEOLOGIC CROSS SECTION.
- GROUNDWATER ANALYTICAL DATA REFLECTS MOST RECENT SAMPLE EVENT AS OF JANUARY 2010.

FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

GEOLOGIC CROSS SECTION B - B'

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CHECKED BY:	SBH,GC	FILE NUMBER:	8070.07.04-07.dwg
APPROVED BY:	GC	DATE:	February 2010



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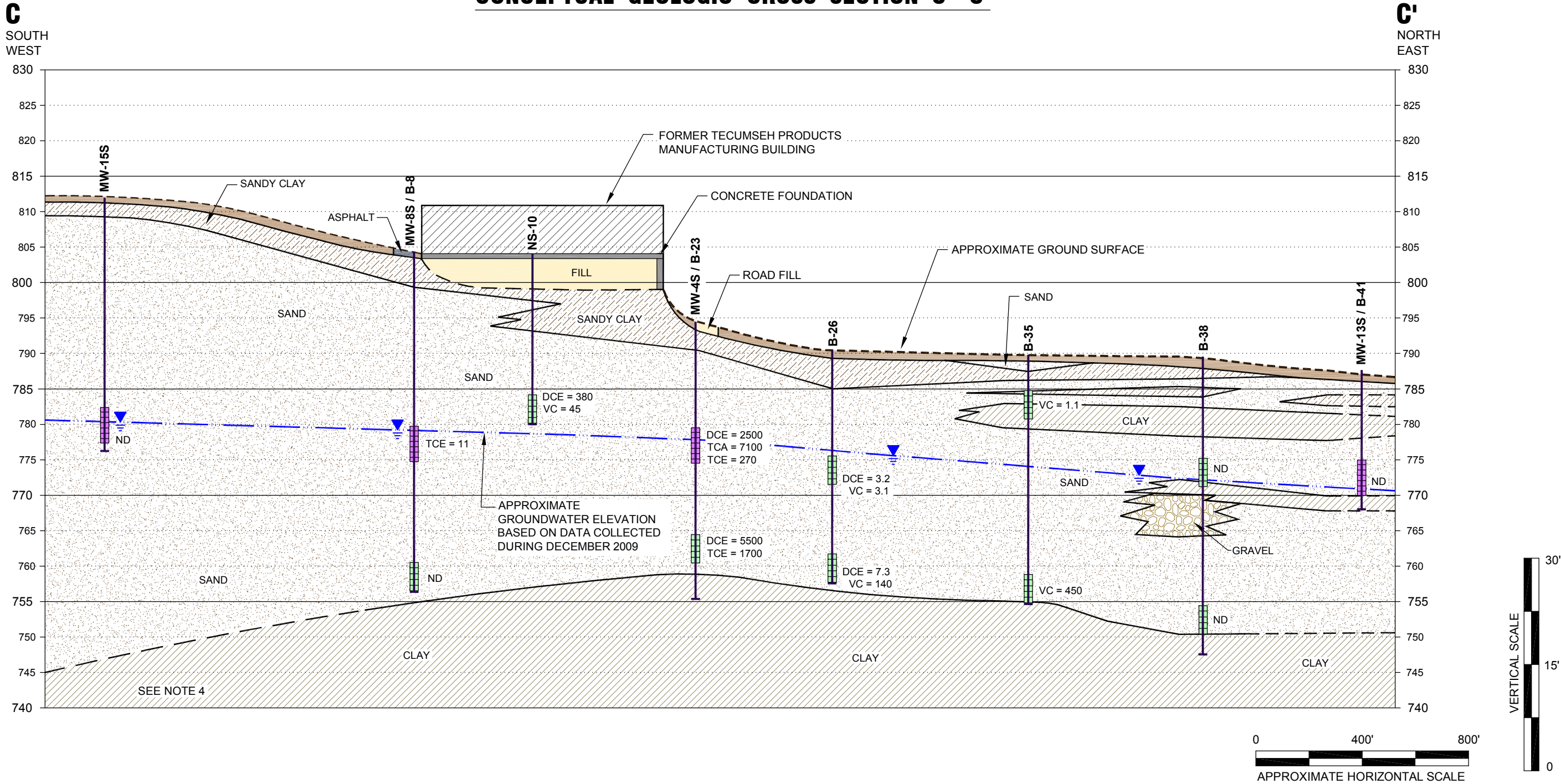
FIGURE 5

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CONCEPTUAL GEOLOGIC CROSS SECTION C - C'



LEGEND

CONCRETE	ASPHALT	APPROXIMATE GROUND SURFACE
TOPSOIL	GRAVEL	STRATIGRAPHIC BOUNDARY BASED ON NEAREST SOIL BORING OR MONITORING WELL
FILL	SILT	APPROXIMATE GROUNDWATER ELEVATION
SAND (SOME AREAS CONTAIN GRAVEL)	SANDY CLAY	PIEZOMETRIC WATER LEVEL INDICATOR
CLAY		WELL SCREEN
		TEMPORARY WELL SCREEN

NOTES

- GROUND SURFACE AND STRATIGRAPHIC CONTACTS ARE APPROXIMATE AND EXTRAPOLATED FROM NEAREST SOIL BORING DATA.
- SEE FIGURE 3 FOR LOCATION / ORIENTATION OF THIS GEOLOGIC CROSS SECTION.
- GROUNDWATER ANALYTICAL DATA REFLECTS MOST RECENT SAMPLE EVENT AS OF JANUARY 2010.
- CLAY INTERFACE PROJECTED FROM BORINGS NORTH AND SOUTH OF THIS CROSS SECTION.

FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN

GEOLOGIC CROSS SECTION C - C'

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CHECKED BY:	SBH,GC	FILE NUMBER:	8070.07.04-07.dwg
APPROVED BY:	GC	DATE:	February 2010

RMT

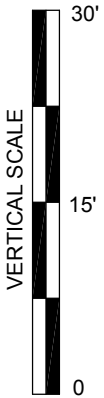
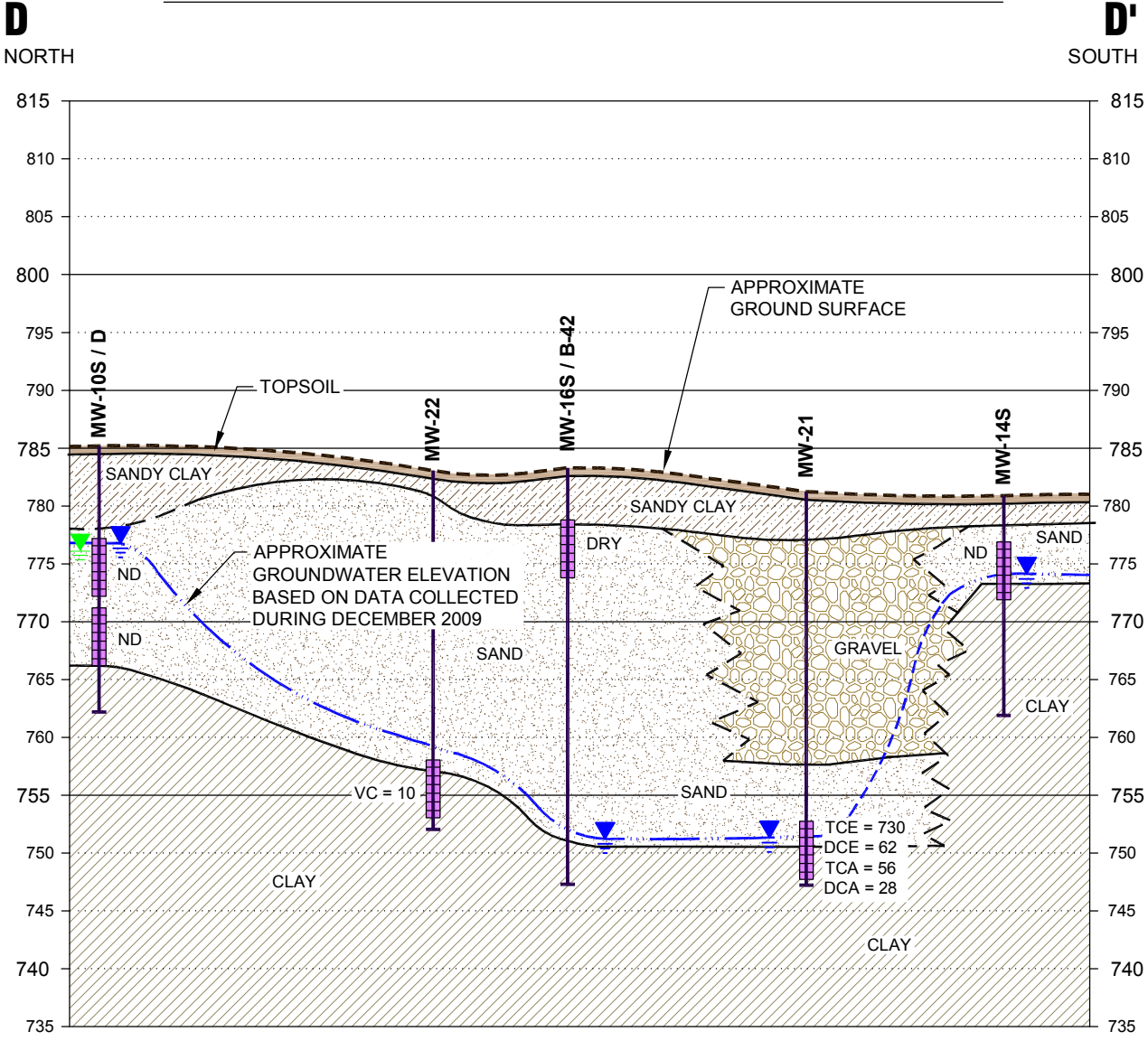
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Fax: 734-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

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CONCEPTUAL GEOLOGIC CROSS SECTION D - D'



LEGEND

	CONCRETE		ASPHALT		APPROXIMATE GROUND SURFACE
	TOPSOIL		GRAVEL		STRATIGRAPHIC BOUNDARY BASED ON NEAREST SOIL BORING OR MONITORING WELL
	FILL		SILT		APPROXIMATE GROUNDWATER ELEVATION
	SAND (SOME AREAS CONTAIN GRAVEL)		SANDY CLAY		PIEZOMETRIC WATER LEVEL INDICATOR
	CLAY				WELL SCREEN
					TEMPORARY WELL SCREEN

NOTES

- GROUND SURFACE AND STRATIGRAPHIC CONTACTS ARE APPROXIMATE AND EXTRAPOLATED FROM NEAREST SOIL BORING DATA.
- SEE FIGURE 3 FOR LOCATION / ORIENTATION OF THIS GEOLOGIC CROSS SECTION.
- GROUNDWATER ANALYTICAL DATA REFLECTS MOST RECENT SAMPLE EVENT AS OF JANUARY 2010.

FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN

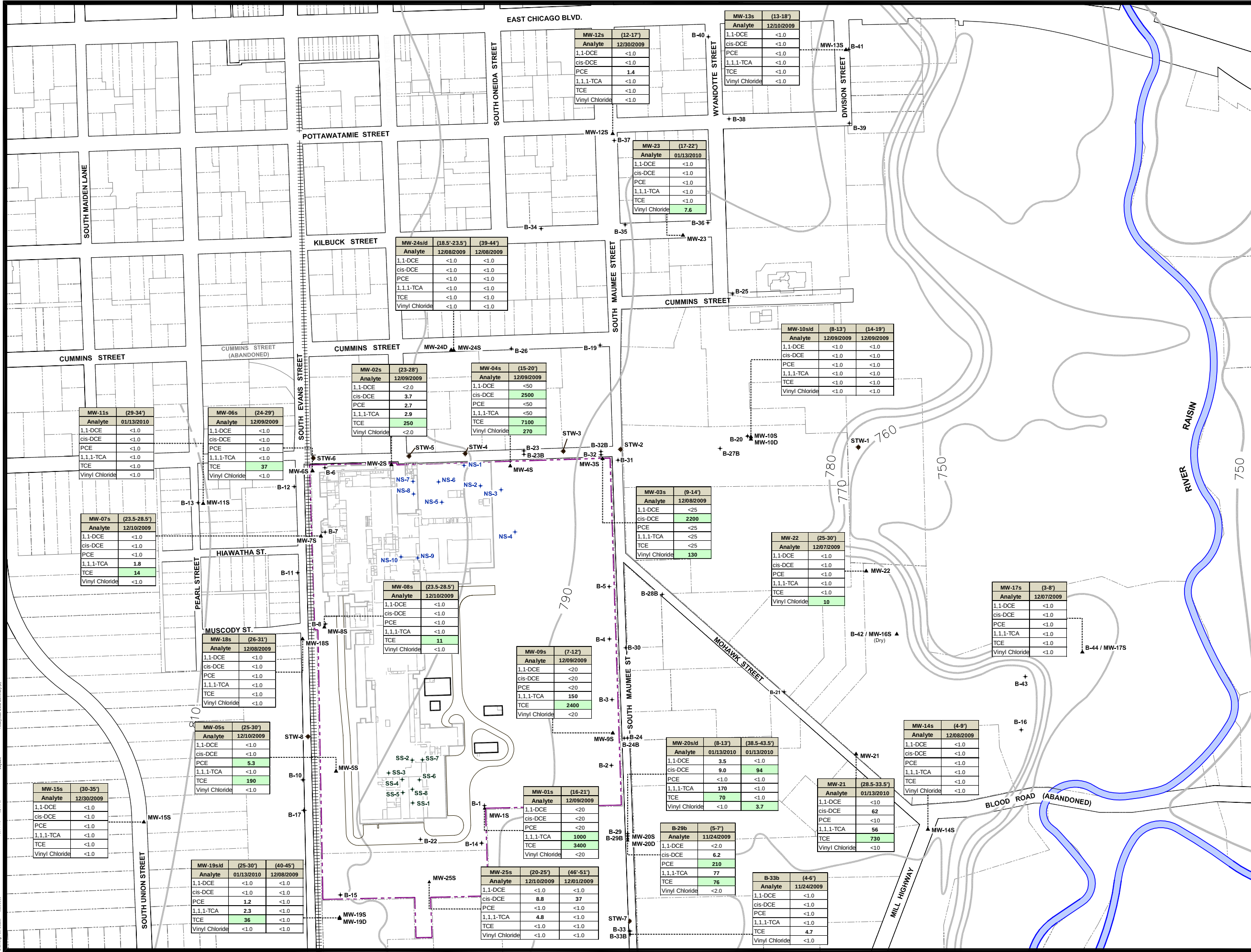
GEOLOGIC CROSS SECTION D - D'

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CHECKED BY:	SBH,GC	FILE NUMBER:	8070.07.04-07.dwg
APPROVED BY:	GC	DATE:	February 2010



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FIGURE 7



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MONITORING WELL LOCATION AND NUMBER
- NORTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SOUTHERN SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP

NOTES

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

Summary of Potentially Relevant Cleanup Criteria

Analyte	units	DW	GS1	R-VIAI	I-VIAI
1,1-DCE	ug/L	7.0	65 ⁽¹⁾	200	1,300
cis-1,2-DCE	ug/L	70	620	93,000	2.1E+5
PCE	ug/L	5.0	45 ⁽¹⁾	25,000	1.7E+5
1,1,1-TCA	ug/L	200	200	6.6E+5	1.3E+6
TCE	ug/L	5.0	200 ⁽¹⁾	15,000	97,000
Vinyl Chloride	ug/L	2.0	15	1,100	13,000

Notes:

Cleanup criteria from MDEQ RRD Op Memo 1 Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, January 23, 2006

DW denotes Residential & Industrial Health-Based Drinking Water Criteria

GS1 denotes Groundwater/Surface Water Interface Criteria

R-VIAI denotes Residential Volatilization to Indoor Air Inhalation Criteria

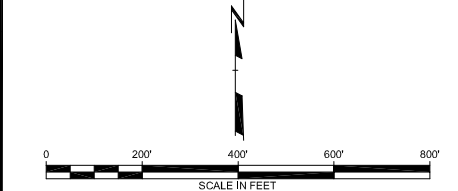
I-VIAI denotes Industrial Volatilization to Indoor Air Inhalation Criteria

Constituents of highest concern are cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), and vinyl chloride.

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



NO.	BY	DATE	REVISION	APPD.
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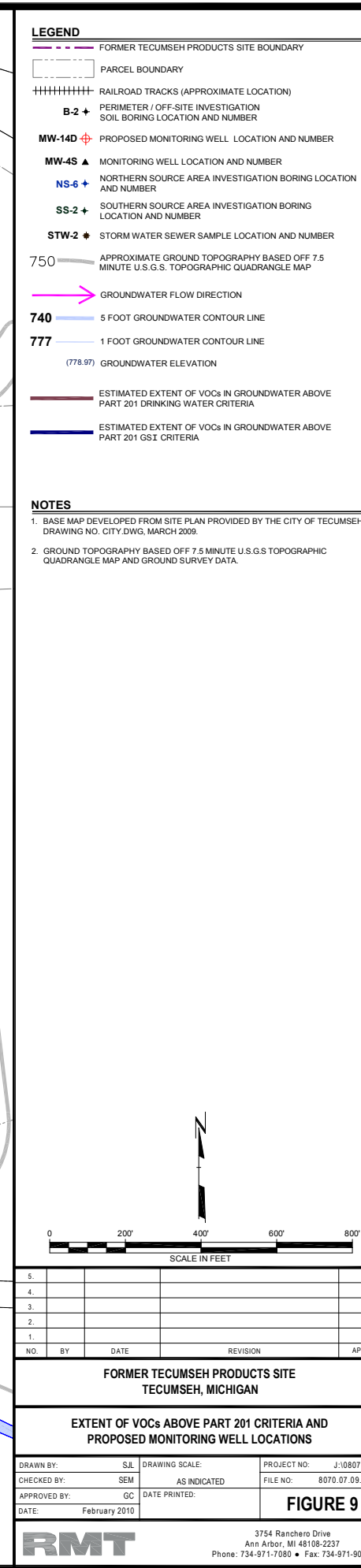
**FORMER TECUMSEH PRODUCTS SITE
TECUMSEH, MICHIGAN**

**SUMMARY OF DECEMBER 2009 AND JANUARY 2010
GROUNDWATER ANALYTICAL DATA**

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APPROVED BY: <td>GC<td>DATE PRINTED:<td>FIGURE 8</td></td></td>	GC <td>DATE PRINTED:<td>FIGURE 8</td></td>	DATE PRINTED: <td>FIGURE 8</td>	FIGURE 8
DATE: <td>February 2010</td> <td></td> <td></td>	February 2010		

RMT

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Attachment A
Soil Boring and Observation Well Logs



WELL CONSTRUCTION LOG

WELL NO. MW-10d

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/24/09	Date Drilling Completed: 11/24/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 785.6	TOC Elevation (ft) 788.40	Total Depth (ft bgs) 23.0	Borehole Dia. (in) 8.5
Boring Location: On TPC property at 420 S. Maumee Street, about 700 feet east of the corner of Patterson Street and Maumee Street		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 11/24/09 00:00 ▽ Depth (ft bgs) 9 After Drilling: Date/Time 11/25/09 11:05 ▾ Depth (ft bgs) 12.15		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 SS	75	2 2 4 5	2	TOPSOIL AND FILL grass, sand, silt, some gravel, dark brown. SILT WITH SAND mostly silt, little sand, few clay, yellowish brown (10YR 5/6), damp, loose.				NA	
					ML				
2 SS	75	3 7 9 10	4	Same as above. POORLY GRADED SAND mostly sub-angular to sub-rounded sand, few gravel, damp, poorly sorted.	SP			NA	
			6	SILT WITH SAND mostly silt, little sand, yellowish brown (10YR 5/6), damp, medium dense.	ML				
3 SS	80	2 5 8 8	10	POORLY GRADED SAND WITH SILT mostly sub-rounded to sub-angular sand, few silt, gray (7.5YR 6/1), saturated, medium dense.	SP-SM			NA	Soil sample collected from 9 to 11 feet bgs at 14:20
			12						

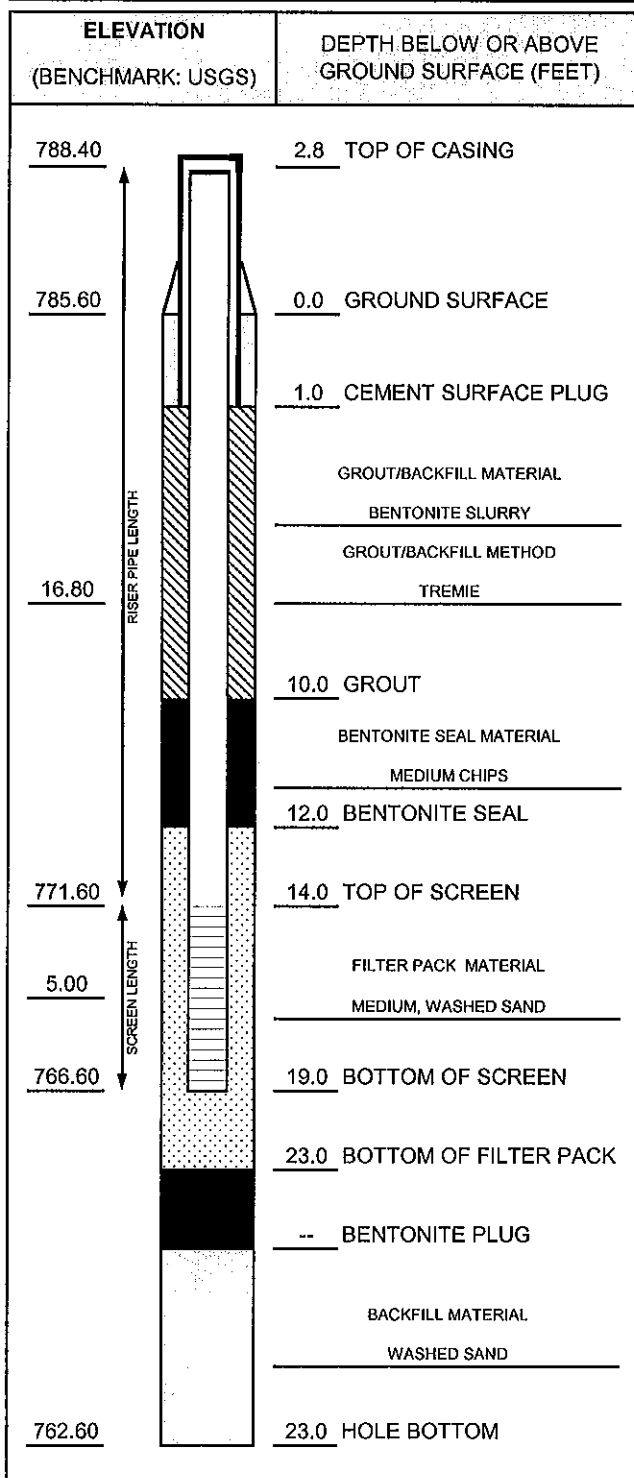
SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
4 SS	90	3 8 20 16	14	Change to dark gray (7.5YR 4/1), medium dense to dense.	SP-SM			NA	
			16						
5 SS	100	5 9 15 21	20	LEAN CLAY mostly clay, few gravel, medium plasticity, saturated, hard.	CL			NA	pp = 4.5 tsf Shelby tube collected from 21 to 23 feet bgs at 14:46
6 ST	100	22	22						
			24	End of boring at 23.0 feet below ground surface.					
			26						
			28						
			30						

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NO: 8070.07		DATE INSTALLED: 11/24/2009	INSTALLED BY: John Bacon	WELL ID: MW-10d	CHECKED BY: S. Metz
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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:	8.5 IN. FROM 0 TO 21 FT.
	3 IN. FROM 21 TO 23 FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.35 HOURS
WATER REMOVED:	40 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	22.47	T/PVC	12/3/2009	11:30
DTB AFTER DEVELOPING:	22.48	T/PVC	12/3/2009	12:00
SWE BEFORE DEVELOPING:	12.15	T/PVC	12/3/2009	11:30
SWE AFTER DEVELOPING:	12.21	T/PVC	12/3/2009	12:00
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



WELL CONSTRUCTION LOG

WELL NO. MW-18s

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 12/4/09		Date Drilling Completed: 12/4/09		Project Number: 8070.07					
Drilling Firm: Terraprobe, Inc.		Drilling Method: Direct Push/HSA		Surface Elev. (ft) 806.1		TOC Elevation (ft) 805.49		Total Depth (ft bgs) 40.0		Borehole Dia. (in) 6.25	
Boring Location: In ROW on the southwest corner of Muscody Street and Evans Street				Personnel Logged By - John Bacon Driller - Steve Bischoff				Drilling Equipment: Geoprobe 6610 DT			
Civil Town/City/for Village: Tecumseh		County: Lenawee		State: MI		Water Level Observations: While Drilling: Date/Time 12/4/09 00:00 ▽ Depth (ft bgs) 26 After Drilling: Date/Time 12/4/09 12:35 ▽ Depth (ft bgs) 25.64					

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 HA	100		2	TOPSOIL AND FILL sand, clay, silt, few gravel, very dark brown (10YR 2/2), damp, loose.					
			4	LEAN CLAY mostly clay, few silt, trace sand, trace gravel, low plasticity, strong brown (7.5YR 4/6), soft.	CL			NA	
2 GP	75		6	WELL GRADED SAND WITH GRAVEL mostly fine to coarse sub-angular to sub-rounded sand, some gravel, brown (7.5YR 4/4), damp, loose.	SW			NA	
			8	Same as above.					
3 GP	75		10	WELL GRADED SAND mostly fine to coarse sub-angular to sub-rounded sand, few gravel, dark brown (7.5YR 3/3), damp.				NA	
			12	Same as above.					
4 GP	75		14	Change to trace coarse gravel from 14 to 15 ft bgs.	SW			NA	
			16	Same as above.					
5									

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

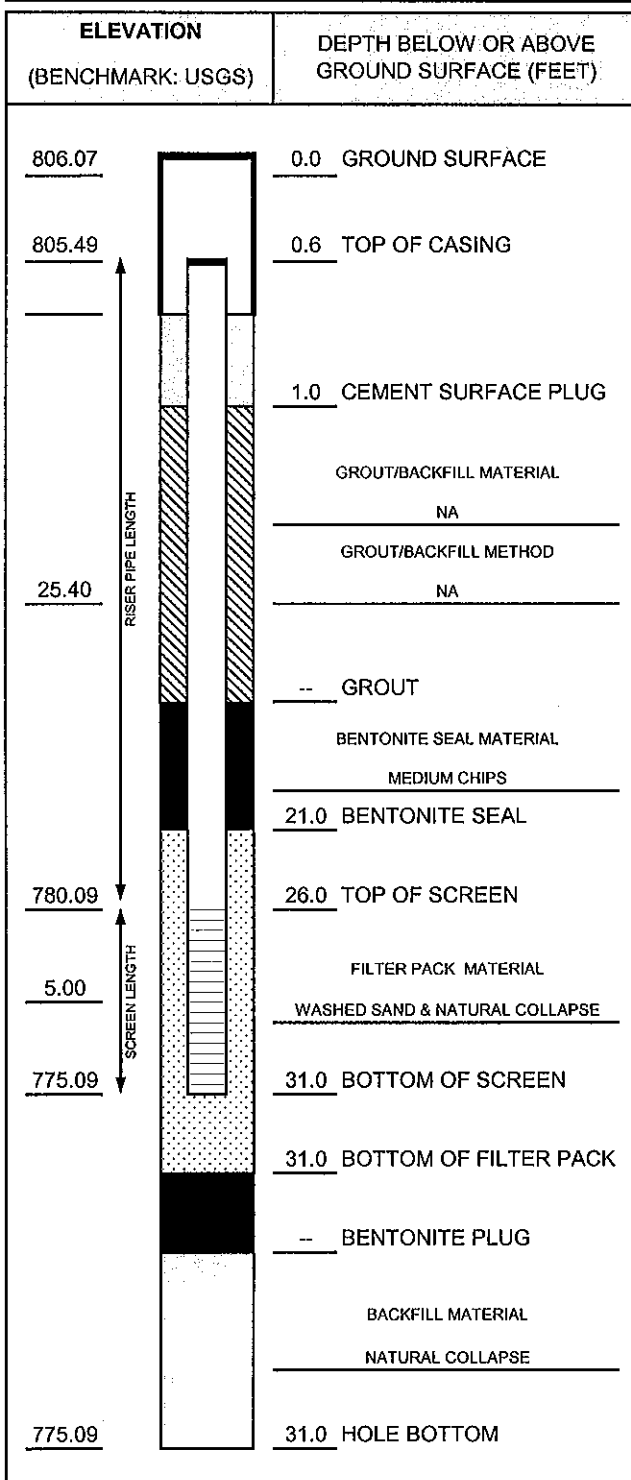
Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT, CORP.GDT 8070.07 2/12/10

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
GP	60			Change to trace fine gravel, brown (7.5YR 4/3), loose.				NA	
			20	Same as above					
6 GP	50		22		SW			NA	
			24	Same as above.					
7 GP	50		26	▼ POORLY GRADED SAND WITH GRAVEL mostly fine to coarse sub-angular to sub-rounded sand, little to some fine to coarse gravel, damp to saturated, loose.				NA	
			28	Same as above.					
8 GP	90		30	2-inch gravel lense at 29.5 ft bgs.				NA	
			32	2-inch gravel lense at 32.0 ft bgs. Change to brown (7.5YR 5/3), gravel lenses interbedded with sand.	SP				
9 GP	90		34					NA	
			36	Change to gray (7.5YR 5/1) at 35.5 ft bgs. Same as above					
10 GP	80		38					NA	
			40	Boring terminated due to heaving in dual tubes. End of boring at 40.0 feet below ground surface.					

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-18s	
PROJ. NO: 8070.07	DATE INSTALLED: 12/4/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz

**NOTES:**

Sand bridged in augers at 26 ft bgs so spun loose and removed one flight. Natural collapse to 21 ft bgs above well screen at 26 ft bgs.

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: 6.5 IN. FROM 0 TO 31 FT.

IN. FROM TO FT.

SURF. CASING DIAMETER: 9 IN. FROM 0 TO 1 FT.

IN. FROM TO FT.

WELL DEVELOPMENT

DEVELOPMENT METHOD: SURGE AND PUMP

TIME DEVELOPING: 0.9 HOURS

WATER REMOVED: 5 GALLONS

WATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: Cloudy

COLOR BEFORE: Brown

CLARITY AFTER: Clear

COLOR AFTER: None

ODOR (IF PRESENT): None

WATER LEVEL SUMMARY

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	31.08	T/PVC	12/4/2009	12:00
DTB AFTER DEVELOPING:	31.10	T/PVC	12/4/2009	12:55
SWE BEFORE DEVELOPING:	25.64	T/PVC	12/4/2009	12:00
SWE AFTER DEVELOPING:	25.65	T/PVC	12/4/2009	12:55
OTHER SWE:		T/PVC		
OTHER SWE:		T/PVC		

PROTECTIVE CASING DETAILSPERMANENT, LEGIBLE WELL LABEL ADDED? ☒ YES ☐ NOPROTECTIVE COVER AND LOCK INSTALLED? ☒ YES ☐ NO

LOCK KEY NUMBER: 3120



WELL CONSTRUCTION LOG

WELL NO. MW-19s

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 12/2/09	Date Drilling Completed: 12/2/09	Project Number: 8070.07
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 804.3	TOC Elevation (ft) 803.92	Total Depth (ft bgs) 30.0 Borehole Dia. (in) 8.5
Boring Location: East of railroad right-of-way on parcel # 325-0263-00 (fire department) immediately south of Evans Street driveway		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 12/2/09 00:00 After Drilling: Date/Time 12/2/09 14:30 Depth (ft bgs) 24 Depth (ft bgs) 24.13	

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 SS	50	2 6 10 12	2	TOPSOIL AND FILL grass, sand, gravel, silt, poorly sorted, dark brown (7.5YR 3/2), damp. LEAN CLAY WITH SAND mostly clay, little sand, few fine to coarse gravel, low plasticity, damp, very stiff.	CL			NA	pp = 3.5 tsf
2 SS	75	2 4 5 6	4	SANDY LEAN CLAY mostly clay, some sand, some fine to coarse gravel, low plasticity, dark reddish brown (5YR 3/4) damp, medium stiff.	CL			NA	pp = 0.75 tsf
3 SS	50	10 9 5 6	10	WELL GRADED SAND WITH GRAVEL mostly fine to coarse sub-angular to sub-rounded sand, some fine to coarse gravel, trace silt, brown (7.5YR 4/3), damp, medium dense.	SW			NA	
4 SS	75	4 5 6 7	14	POORLY GRADED SAND mostly sub-angular to sub-rounded sand, few fine to coarse gravel, brown (7.5YR 4/3), damp, medium dense.	SP			NA	

Signature:

Firm:

RMT Inc.
3754 Ranchero Drive Ann Arbor, MI 48108

734-971-7080

Fax 734-971-9022

Checked By:

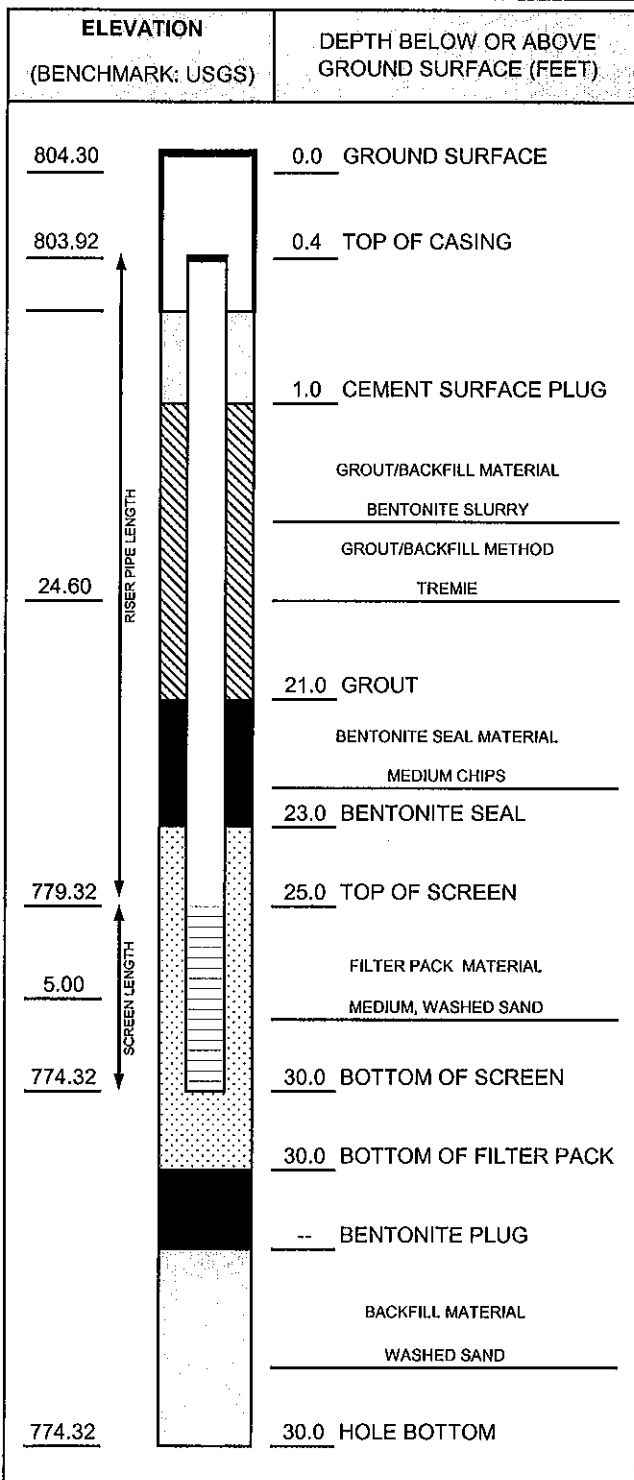
Stacy Metz

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

SAMPLE			DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS							
			18						
5 SS	75	5 9 10 10	20	Same as above.	SP			NA	
			22						
6 SS		8 6 6 6	24	▼ WELL GRADED SAND mostly fine to coarse sub-angular to sub-rounded sand, trace fine gravel, brown (7.5YR 4/3), saturated, medium dense.				NA	
			26		SW				
			28						
			30	End of boring at 30.0 feet below ground surface.					
			32						
			34						
			36						

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-19s	
PROJ. NO: 8070.07	DATE INSTALLED: 12/2/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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: 8.5 IN. FROM 0 TO 30 FT.
 IN. FROM TO FT.
 SURF. CASING DIAMETER: 9 IN. FROM 0 TO 1 FT.
 IN. FROM TO FT.

WELL DEVELOPMENT

DEVELOPMENT METHOD: SURGE AND PUMP
 TIME DEVELOPING: 0.4 HOURS
 WATER REMOVED: 35 GALLONS
 WATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: Cloudy
 COLOR BEFORE: Brown
 CLARITY AFTER: Clear
 COLOR AFTER: None
 ODOR (IF PRESENT): None

WATER LEVEL SUMMARY

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	30.25	T/PVC	12/3/2009	13:30
DTB AFTER DEVELOPING:	30.30	T/PVC	12/3/2009	14:10
SWE BEFORE DEVELOPING:	24.12	T/PVC	12/3/2009	13:30
SWE AFTER DEVELOPING:	24.04	T/PVC	12/3/2009	14:10
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



WELL CONSTRUCTION LOG

WELL NO. MW-19d

Page 1 of 3

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 12/2/09	Date Drilling Completed: 12/2/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 804.3	TOC Elevation (ft) 804.04	Total Depth (ft bgs) 50.0	Borehole Dia. (in) 8.5
Boring Location: East of railroad right-of-way on parcel # 325-0263-00 (fire department) immediately south of Evans Street driveway		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 12/2/09 00:00 ∇ Depth (ft bgs) 25 After Drilling: Date/Time 12/2/09 12:40 ∇ Depth (ft bgs) 24.16		

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
1 SS	75	2		TOPSOIL AND FILL grass, sand, gravel, silt, dark brown (7.5YR 3/2), damp, loose, poorly sorted. LEAN CLAY WITH SAND mostly clay, little sand, few gravel, low plasticity, reddish yellow (7.5YR 6/8), damp, very stiff.	CL			NA	pp = 3.5 tsf
		2							
		4							
		7							
2 SS	10	3	2	SANDY LEAN CLAY mostly clay, some sand, some fine to coarse angular to sub-angular gravel, low plasticity, dark reddish brown (5YR 3/4) damp, medium stiff.	CL			NA	low recovery due to stone in sampler pp = 0.75 tsf
		2							
		2							
		3							
3 SS	50	6	4	Same as above.	SP			NA	
		6							
		8							
		8							
4 SS	5	9	10	WELL GRADED SAND mostly fine to coarse sub-angular to sub-rounded sand, few fine to coarse gravel, brown (7.5YR 4/3), damp, loose to medium dense.	SW			NA	low recovery due to gravel obstruction, blow counts are biased high
		10							
		11							
		11							

Signature:

Firm:

RMT Inc.
3754 Ranchero Drive Ann Arbor, MI 48108734-971-7080
Fax 734-971-9022

Checked By:

Stacy Metz

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT_CORP.GDT 8070.07 2/12/10

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			18						
5 SS	60	6 8 8 7	20	Change to brown (7.5YR 4/2).				NA	
			22						
6 SS	75	2 4 5 7	24	▼ Change to trace sub-angular to sub-rounded fine gravel, brown (7.5YR 4/3). ▽ Change to saturated at 25 ft bgs.				NA	
			26		SW				
			28						
7 SS	75	5 7 8 6	30	Change to gray (7.5YR 4/1), lens of fine angular gravel at 29.5 ft bgs.				NA	
			32						
8 SS	30	1 2 2 3	34	Change to very loose to loose.				NA	
			36						

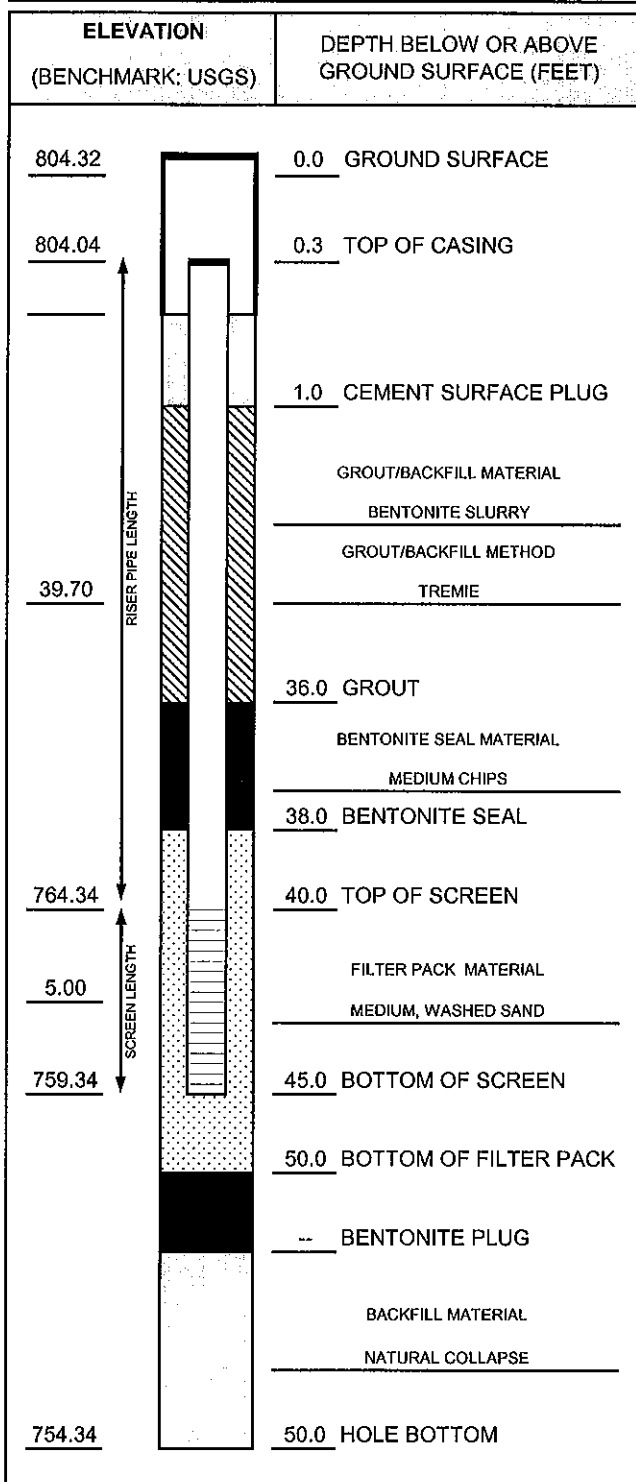
SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			38		SW				
9 SS	75	4		Same as above.					
		6	40	POORLY GRADED GRAVEL WITH SAND mostly fine sub-angular to rounded gravel, little sand, dark gray (7.5YR 4/1), saturated, medium dense.				NA	
		6			GP				
		8							
			42						
			44	Change to very loose to medium dense.					
10 SS	75	0						NA	
		5							
		6		LEAN CLAY mostly clay, few fine to coarse sand, few silt, medium to high plasticity, dark gray (7.5YR 4/1), saturated, medium stiff.					
		7		Change to trace fine gravel, very stiff.					
		4	46						pp = 3.0 tsf
11 SS	75	8			CL			NA	
		12							
		14							
			48	Same as above.				NA	Shelby tube collected at 10:45 am
12 ST	100								
			50	End of boring at 50.0 feet below ground surface.					
			52						
			54						
			56						
			58						



WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-19d
PROJ. NO: 8070.07	DATE INSTALLED: 12/2/2009	INSTALLED BY: John Bacon
		CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 48 FT.
	3 IN. FROM 48 TO 50 FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.4 HOURS
WATER REMOVED:	35 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	45.37	T/PVC	12/3/2009	14:00
DTB AFTER DEVELOPING:	45.53	T/PVC	12/3/2009	14:25
SWE BEFORE DEVELOPING:	24.13	T/PVC	12/3/2009	14:00
SWE AFTER DEVELOPING:	24.16	T/PVC	12/3/2009	14:25
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



WELL CONSTRUCTION LOG

WELL NO. MW-20s

Page 1 of 1

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/30/09		Date Drilling Completed: 11/30/09		Project Number: 8070.07					
Drilling Firm: Stearns Drilling		Drilling Method: Hand Auger/HSA		Surface Elev. (ft) 783.6		TOC Elevation (ft) 783.16		Total Depth (ft bgs) 13.0		Borehole Dia. (in) 8.5	
Boring Location: In ROW on west side of Maumee Street in front of Martins Home Center, about 1600 feet south of Patterson Street				Personnel Logged By - John Bacon Driller - Bert Graham				Drilling Equipment: CME 1050 ATV			
Civil Town/City/or Village: Tecumseh		County: Lenawee		State: MI		Water Level Observations: While Drilling: Date/Time 11/30/09 00:00 ▽ Depth (ft bgs) 9 After Drilling: Date/Time 11/30/09 15:15 ▽ Depth (ft bgs) 4.29					

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 HA	100			TOPSOIL AND FILL grass, silty sand, very dark brown (10YR 2/2), damp, loose.				NA	
2 HA	100		2	POORLY GRADED SAND WITH SILT mostly sand, few to little silt, very dark brown (10YR 2/2), damp, loose.	SP-SM			NA	
				Change to poorly sorted fine to coarse sub-rounded to sub-angular sand, yellowish brown (10YR 6/6).				NA	
3 SS	85	4 11 13 14	4	POORLY GRADED SAND mostly sub-rounded to sub-angular sand, trace silt, damp, medium dense, poorly sorted.				NA	
			6						
			8		SP				
4 SS	75	4 7 7 8	9	Change to trace round to sub-angular fine gravel, saturated.				NA	
			12						
			14	End of boring at 13.0 feet below ground surface.					

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

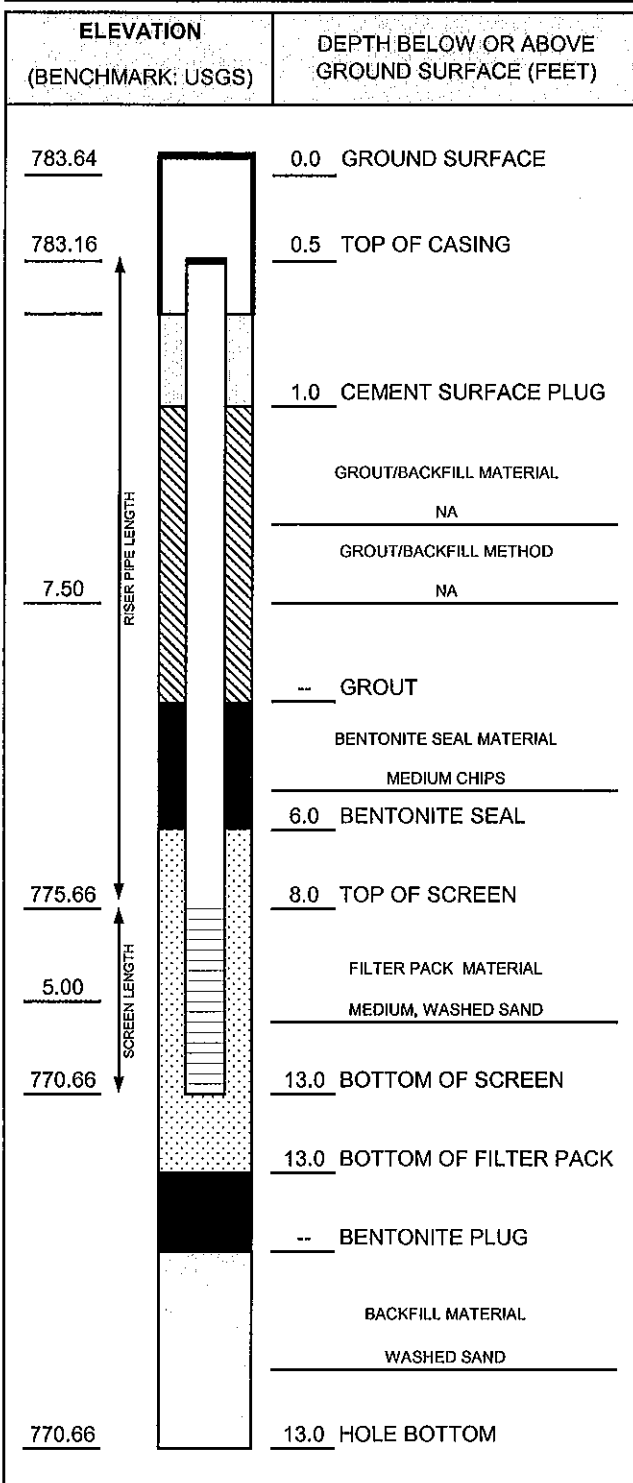
Signature:

Firm: RMT Inc.
3754 Ranchero Drive Ann Arbor, MI 48108734-971-7080
Fax 734-971-9022

Checked By: Stacy Metz

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-20s	
PROJ. NO: 8070.07	DATE INSTALLED: 11/30/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 13 FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.25 HOURS
WATER REMOVED:	55 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	12.79	T/PVC	12/3/2009	12:55
DTB AFTER DEVELOPING:	12.81	T/PVC	12/3/2009	13:15
SWE BEFORE DEVELOPING:	4.72	T/PVC	12/3/2009	12:55
SWE AFTER DEVELOPING:	4.77	T/PVC	12/3/2009	13:15
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



WELL CONSTRUCTION LOG

WELL NO. MW-20d

Page 1 of 3

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/30/09	Date Drilling Completed: 11/30/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: Hand Auger/HSA	Surface Elev. (ft) 783.6	TOC Elevation (ft) 783.29	Total Depth (ft bgs) 46.0	Borehole Dia. (in) 8.5
Boring Location: In ROW on west side of Maumee Street in front of Martins Home Center, about 1600 feet south of Patterson Street		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 11/30/09 00:00 ▽ Depth (ft bgs) 9 After Drilling: Date/Time 11/30/09 13:25 ▽ Depth (ft bgs) 11.26		

SAMPLE		RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE										
1 HA		100			TOPSOIL AND FILL sand, silt, gravel, very dark brown (10YR 2/2), damp, loose.					
				2	WELL GRADED SAND WITH SILT mostly fine to coarse sub-rounded to sub-angular sand, few to little silt, brownish yellow (10YR 6/6), damp.				NA	
				4	Same as above.	SW-SM			NA	
2 SS		75	4 6 18 4						NA	
				6	POORLY GRADED SAND WITH GRAVEL mostly sand, little fine to coarse gravel, yellowish brown (10YR 5/8), damp, medium dense, sub-rounded to sub-angular.	SP				
				8						
3 SS		75	4 5 7 8		POORLY GRADED SAND mostly sand, trace fine gravel, yellowish brown (10YR 5/8), saturated, medium dense, rounded to sub-angular.				NA	
				12		SP				
4 SS		5	2 2 4 5		Change to brown (7.5YR 5/4).				NA	Low recovery due to an obstruction

Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
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Checked By: Stacy Metz

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

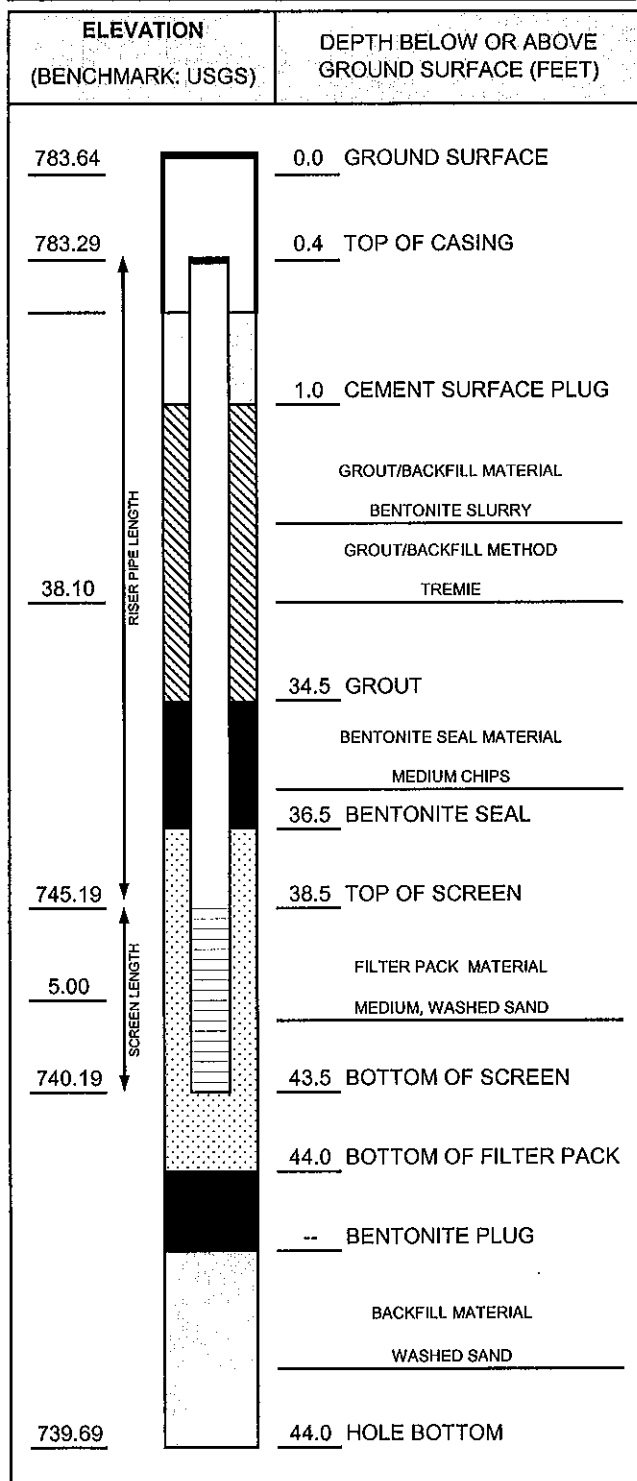
SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			18						
5 SS	50	1 2 4 5	20	Change to brown (7.5YR 5/2), loose.	SP			NA	
			22						
6 SS	50	4 10 15 17	24	WELL GRADED SAND WITH GRAVEL mostly fine to coarse sub-angular to sub-rounded sand, little gravel, trace silt, gray (7.5 YR 5/1), saturated, medium dense to dense.				NA	
			26		SW				
			28						
7 SS	50	15 21 15 18	30	Same as above. WELL GRADED GRAVEL WITH SAND mostly fine to coarse gravel, some sand, trace silt and clay, gray (7.5 YR 5/1), saturated, dense.				NA	
			32		GW				
8 SS	50	3 8 11 15	34	POORLY GRADED GRAVEL WITH SAND mostly fine gravel, some sand, gray (7.5 YR 5/1), saturated, medium dense.	GP			NA	
			36						

SAMPLE			DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS							
			38						
9 SS	75	4 8 14 14	40	Change to trace silt and clay.	GP			NA	
			42						
10 SS	75	5 10 15 22	44	LEAN CLAY WITH SAND mostly clay, little sand, low plasticity, grayish brown (10 YR 5/2), saturated, very stiff to hard.	CL			NA	Change in stiffness noted by driller at 43.5 ft bgs pp = 4.0 tsf
			46	End of boring at 46.0 feet below ground surface.					
			48						
			50						
			52						
			54						
			56						
			58						



WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company	WELL ID: MW-20d		
PROJ. NO: 8070.07	DATE INSTALLED: 11/30/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 34 FT.
	IN. FROM TO FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.25 HOURS
WATER REMOVED:	20 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	44.03	T/PVC	12/3/2009	12:50
DTB AFTER DEVELOPING:	44.08	T/PVC	12/3/2009	13:10
SWE BEFORE DEVELOPING:	11.55	T/PVC	12/3/2009	12:50
SWE AFTER DEVELOPING:	11.75	T/PVC	12/3/2009	13:10
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



WELL CONSTRUCTION LOG

WELL NO. MW-21

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/25/09	Date Drilling Completed: 11/25/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: Hand Auger/HSA	Surface Elev. (ft) 781.2	TOC Elevation (ft) 780.85	Total Depth (ft bgs) 34.0	Borehole Dia. (in) 8.5
Boring Location: In ROW of Mohawk Street adjacent to Birchfield property (parcel # 325-0436-00)		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 11/25/09 00:00 ▽ Depth (ft bgs) 30.5 After Drilling: Date/Time 11/30/09 09:20 ▽ Depth (ft bgs) 29.69		

SAMPLE		RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE										
1 HA		100		2	SILTY SAND WITH GRAVEL very dark brown (10YR 2/2), dry to damp, loose, poorly sorted, organic material.	SM			NA	
2 SS		10	7 20 19 >50	4						Low recovery due to an obstruction, color undetermined due to pulverized material in split spoon.
				6	Change to damp.	GW			NA	Low recovery due to an obstruction.
3 SS		5	15 23 20 21	10						
				12						
4 SS		50	4 11 13 12	14						
					POORLY GRADED GRAVEL WITH SILT AND SAND mostly gravel, little to some sand, few to little silt, brown (7.5YR 5/4), damp, medium dense.	GP-GM			NA	

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

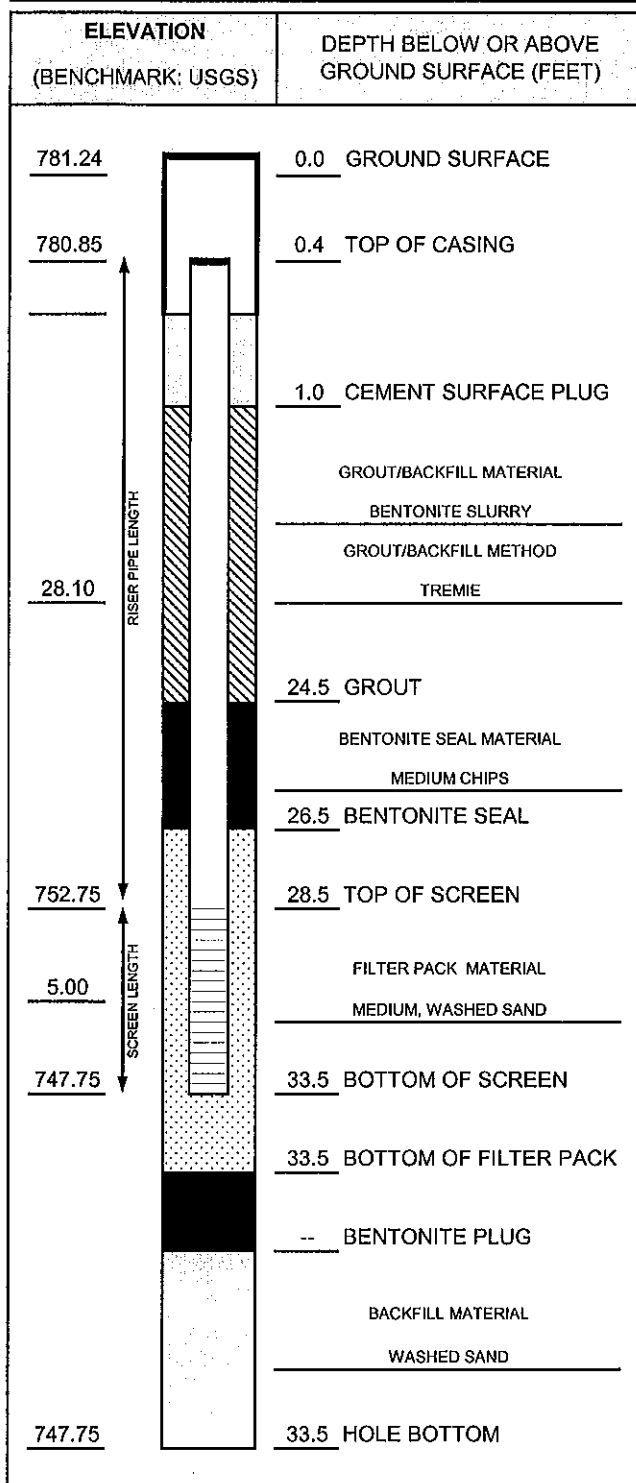
Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			18						
5 SS	90	8 11 9 8	20	Change to strong brown (7.5YR 5/6).	GP-GM			NA	
			22						
6 SS	80	7 14 13 12	24	POORLY GRADED SAND mostly sand, trace gravel, trace silt, dark brown (7.5YR 3/2), damp, medium dense to dense, poorly graded.				NA	
			26						
			28		SP				
7 SS	80	12 15 14 14	30	Change to few gravel, brown (7.5YR 5/4), saturated at 30.5 feet below ground surface.				NA	
8 SS	95		32	LEAN CLAY mostly clay, few silt, few sand, trace gravel, low to medium plasticity, gray (7.5YR 5/1), saturated, hard.	CL			NA	pp = 4.0 tsf
			34	End of boring at 34.0 feet below ground surface.					
			36						



WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-21	
PROJ. NO: 8070.07	DATE INSTALLED: 11/25/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 33.5 FT. IN. FROM TO FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT. IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.65 HOURS
WATER REMOVED:	20 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	33.69	T/PVC	11/30/2009	16:25
DTB AFTER DEVELOPING:	33.77	T/PVC	11/30/2009	17:05
SWE BEFORE DEVELOPING:	29.70	T/PVC	11/30/2009	16:25
SWE AFTER DEVELOPING:	29.81	T/PVC	11/30/2009	17:05
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

NOTES:



WELL CONSTRUCTION LOG

WELL NO. MW-22

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 12/1/09		Date Drilling Completed: 12/1/09		Project Number: 8070.07							
Drilling Firm: Stearns Drilling		Drilling Method: HSA		Surface Elev. (ft) 783.1		TOC Elevation (ft) 782.62		Total Depth (ft bgs) 31.0		Borehole Dia. (in) 8.5			
Boring Location: Northeast corner of Birchfield property (parcel # 325-0435-00)				Personnel Logged By - John Bacon Driller - Bert Graham				Drilling Equipment: CME 1050 ATV					
Civil Town/City/or Village: Tecumseh		County: Lenawee		State: MI		Water Level Observations: While Drilling: Date/Time 12/1/09 00:00 After Drilling: Date/Time 12/1/09 16:50						Depth (ft bgs) 25.5 Depth (ft bgs) 24.66	

SAMPLE		RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE										
1 SS		75	2 2 2 7	2	TOPSOIL AND FILL grass, sand, silt, clay, fine gravel, strong brown (7.5YR 4/6), damp, very loose to loose.				NA	
				2	WELL GRADED SAND mostly fine to coarse sand, few fine gravel, damp, loose.					
				4	Change to sub-rounded to sub-angular sand, medium dense.	SW			NA	
2 SS		90	8 10 12 11	6						
				8						
3 SS		75	2 3 5 7	10	Same as above. POORLY GRADED SAND mostly fine to medium sub-rounded to rounded sand, damp, loose to medium dense.	SP			NA	
				12						
4 SS		90	2 2 2 11	14	LEAN CLAY WITH SAND mostly clay, little silt, little sand, damp to saturated, stiff.	CL			NA	pp = 1.25 tsf

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
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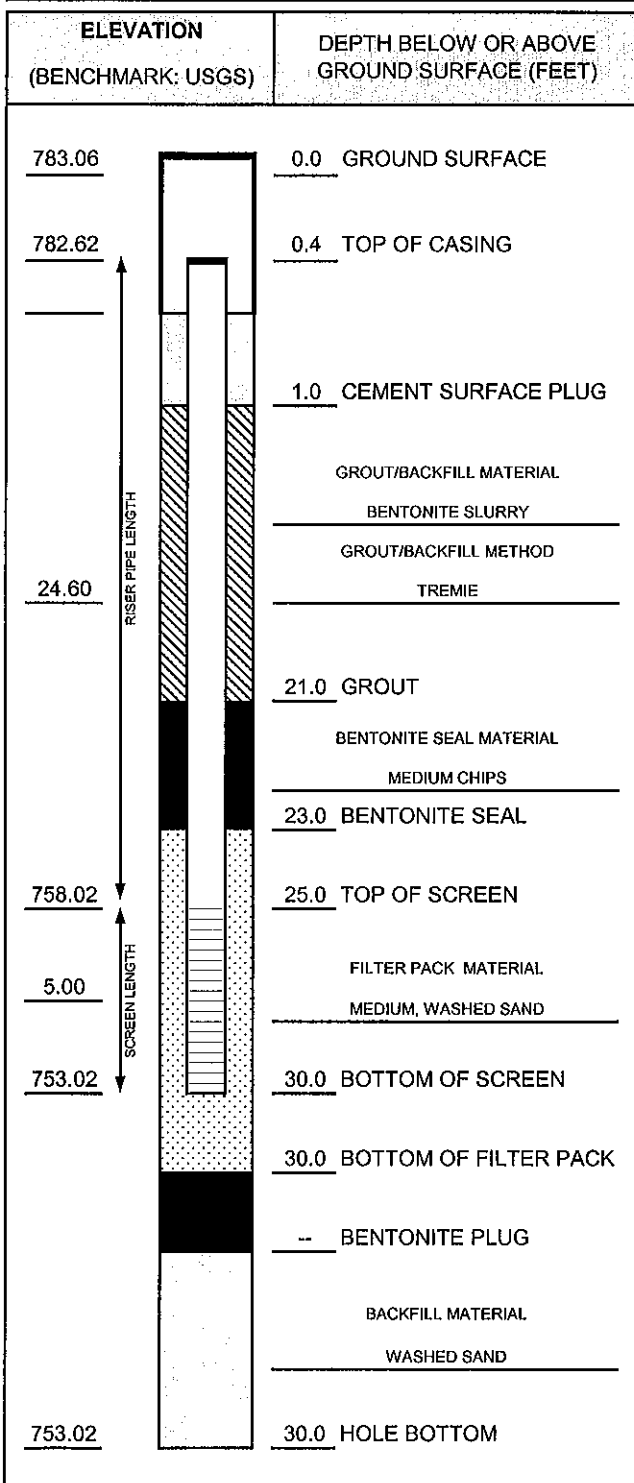
Checked By: Stacy Melz

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			18		CL				
5 SS	50	10 15 15 11	20	WELL GRADED SAND WITH GRAVEL mostly fine to coarse sub-rounded to rounded sand, some fine gravel, brown (10YR 4/3), damp, medium dense.				NA	Change in stiffness noted by driller
			22		SW				
6 SS	75	10 10 8 8	24	▼ Change to fine to coarse gravel.				NA	
			26	▽ Change to saturated.					
7 SS	75	6 10 16 20	28	LEAN CLAY mostly clay, some silt, few sand, low to medium plasticity, dark gray (7.5YR 4/1), saturated, hard.				NA	Change in stiffness noted by driller pp = 4.0 tsf
8 SS	75	8 8 14 14	30	Same as above.	CL			NA	
			32	End of boring at 31.0 feet below ground surface.					
			34						
			36						



WELL CONSTRUCTION DIAGRAM

PROJ. NAME:	Tecumseh Products Company		WELL ID:	MW-22			
PROJ. NO:	8070.07	DATE INSTALLED:	12/1/2009	INSTALLED BY:	John Bacon	CHECKED BY:	S. Metz



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:	8.5 IN. FROM 0 TO 30 FT.
	IN. FROM TO FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.7 HOURS
WATER REMOVED:	35 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	30.15	T/PVC	12/3/2009	9:00
DTB AFTER DEVELOPING:	30.29	T/PVC	12/3/2009	9:40
SWE BEFORE DEVELOPING:	24.25	T/PVC	12/3/2009	9:00
SWE AFTER DEVELOPING:	25.24	T/PVC	12/3/2009	9:40
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



WELL CONSTRUCTION LOG

WELL NO. MW-23

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/24/09		Date Drilling Completed: 11/24/09		Project Number: 8070.07					
Drilling Firm: Stearns Drilling		Drilling Method: HSA		Surface Elev. (ft) 787.2		TOC Elevation (ft) 787.10		Total Depth (ft bgs) 26.0		Borehole Dia. (in) 8.5	
Boring Location: In ROW on the south side of Kilbuck Street in front of Lenawee County Ambulance, approximately 100 feet west of Wyondotte Street				Personnel Logged By - John Bacon Driller - Bert Graham				Drilling Equipment: CME 1050 ATV			
Civil Town/City/or Village: Tecumseh		County: Lenawee		State: MI		Water Level Observations: While Drilling: Date/Time 11/24/09 00:00 ▽ Depth (ft bgs) 15 After Drilling: Date/Time 11/24/09 14:30 ▽ Depth (ft bgs) 9.21					

SAMPLE		RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE										
1 SS		50	4 2 2 2	2	TOPSOIL SANDY SILT mostly silt, some sand, trace gravel, light olive brown (2.5Y 5/4), damp, loose.				NA	
2 SS		90	5 6 10 10	6	SILT WITH SAND mostly silt, little sand, few clay, mottled light yellowish brown (2.5Y 6/3) and gray (10YR 6/1), damp, medium dense.	ML			NA	
3 SS		80	5 4 5 11	10	▼ SILTY CLAY mostly clay, some silt, few sand, plastic, grayish brown (10YR 5/2), damp, stiff.	ML			NA	pp = 1.25 tsf
4 SS		100	6 11 10 8	14	Same as above. △ POORLY GRADED SAND mostly sub-rounded to sub-angular sand, little fine gravel, dark gray (7.5YR 4/1), saturated, medium dense, poorly sorted.	CL-ML SP			NA	

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

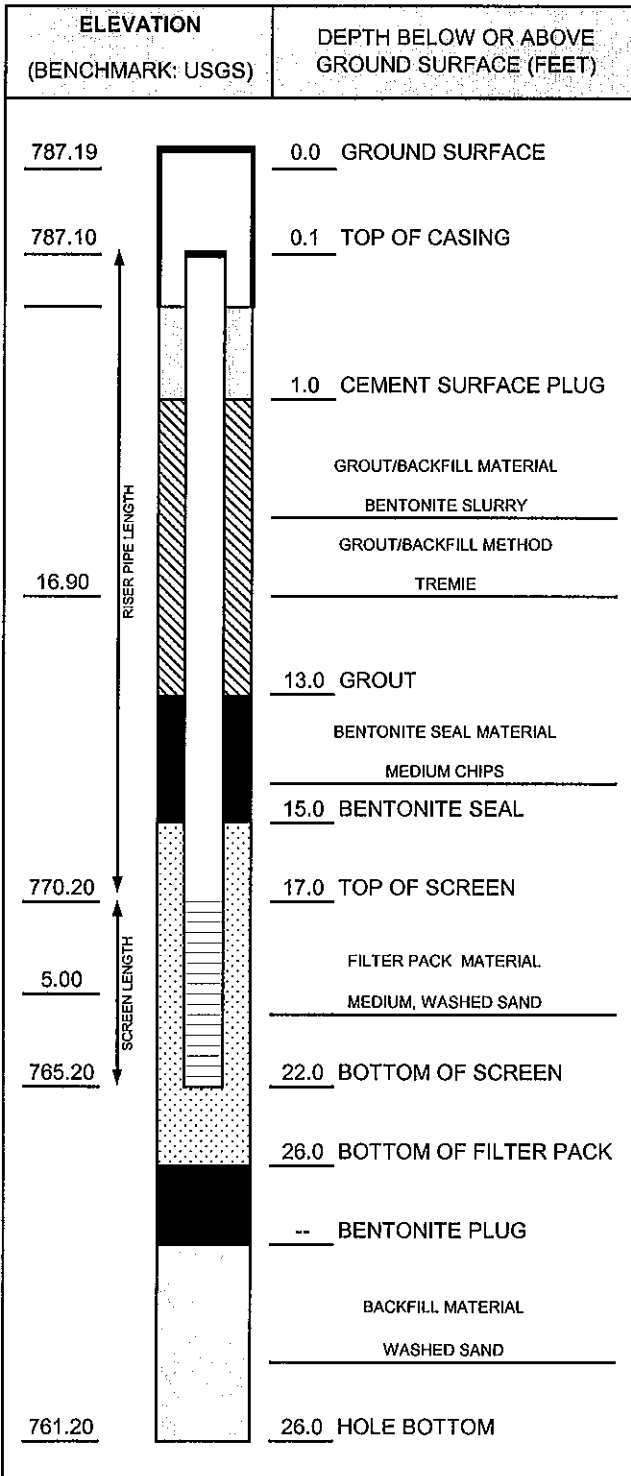
Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SAMPLE			DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS							
			18		SP				
5 SS		1 3 3 3	20	POORLY GRADED SAND WITH GRAVEL mostly sub-angular to sub-rounded sand, some gravel, dark gray (7.5YR 4/1), saturated, loose, poorly sorted.	SP			NA	Soil sample collected from 19 to 21 feet bgs at 10:55
			22		SP				
6 SS	75	3 5 9 13	24	LEAN CLAY mostly clay, few silt, few sand, plastic, gray (7.5YR 5/1), saturated, stiff.	CL			NA	pp = 1.75 tsf
			26	End of boring at 26.0 feet below ground surface.					
			28						
			30						
			32						
			34						
			36						



WELL CONSTRUCTION DIAGRAM

PROJ. NAME: Tecumseh Products Company	WELL ID: MW-23
PROJ. NO: 8070.07	DATE INSTALLED: 11/24/2009
INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 24 FT.
	2 IN. FROM 24 TO 26 FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.25 HOURS
WATER REMOVED:	40 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	21.94	T/PVC	12/3/2009	10:55
DTB AFTER DEVELOPING:	22.09	T/PVC	12/3/2009	11:15
SWE BEFORE DEVELOPING:	9.33	T/PVC	12/3/2009	10:55
SWE AFTER DEVELOPING:	9.33	T/PVC	12/3/2009	11:15
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



WELL CONSTRUCTION LOG

WELL NO. MW-24s

Page 1 of 2

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/23/09	Date Drilling Completed: 11/23/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 798.3	TOC Elevation (ft) 797.83	Total Depth (ft bgs) 24.0	Borehole Dia. (in) 8.5
Boring Location: In ROW on the south side of Cummins Street across from 205 Cummins, approximately 200 feet east of Ottawa Street		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 11/23/09 00:00 ▾ Depth (ft bgs) 19.5 After Drilling: Date/Time 11/24/09 14:30 ▾ Depth (ft bgs) 19.04		

SAMPLE	NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
	1 SS	25	1 3 8 7	2	POORLY GRADED SAND mostly fine to medium sand; trace silt, dark brown (7.5YR 3/3), damp, medium dense.	SP			NA	
	2 SS	50	5 8 18 12	6	POORLY GRADED SAND WITH GRAVEL mostly coarse to medium sand, some subrounded gravel, brown (7.5YR 4/4), damp, medium dense to dense.	SP			NA	
	3 SS	50	19 8 9 7	10	POORLY GRADED SAND mostly coarse to medium sand, few to little subrounded gravel, brown (7.5YR 4/4), damp, medium dense.	SP			NA	
	4 SS	75	19 10 7 7	14	Same as above.				NA	

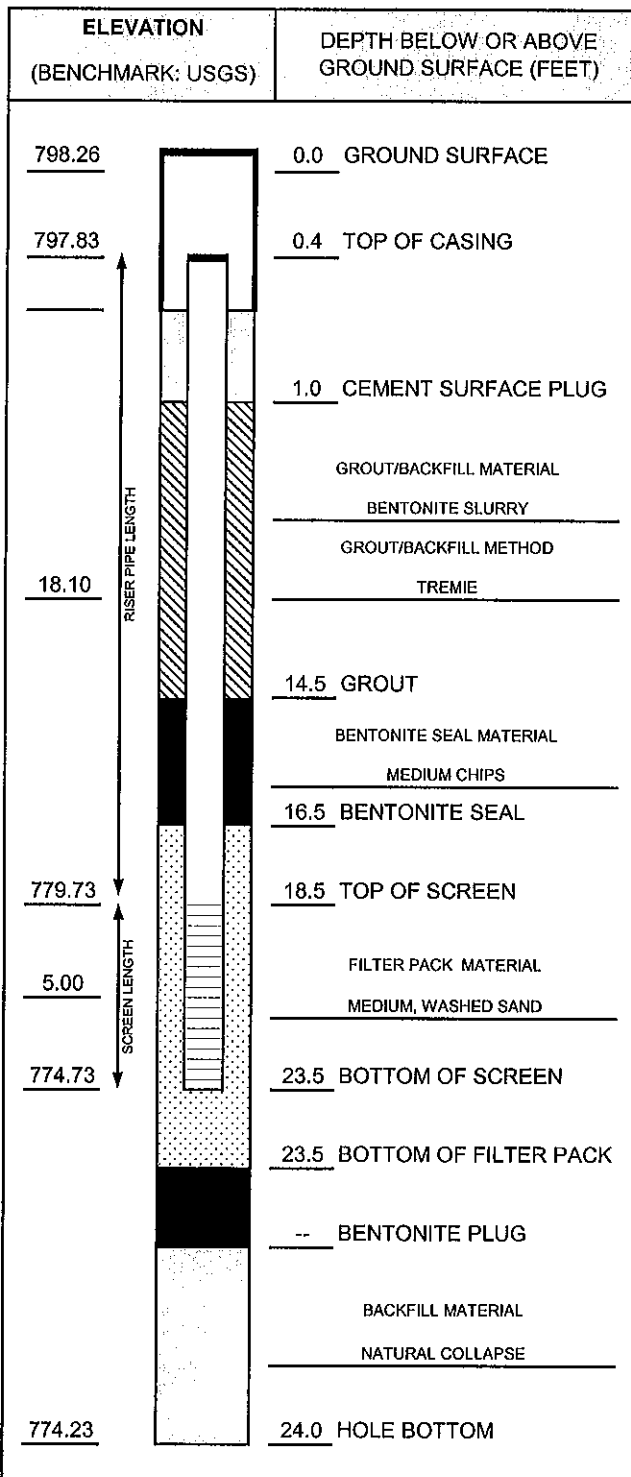
SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
5 SS			18	▼ Change to brown (7.5YR 5/2), saturated at 19.5 feet below ground surface.	SP			NA	
		18							
		8							
		6							
		6							
			20						
			22						
			24	End of boring at 24.0 feet below ground surface.					
			26						
			28						
			30						
			32						
			34						
			36						

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-24s	
PROJ. NO: 8070.07	DATE INSTALLED: 11/23/2009	INSTALLED BY: John Bacon	CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 24 FT.
	IN. FROM TO FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.3 HOURS
WATER REMOVED:	30 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	23.53	T/PVC	12/3/2009	10:05
DTB AFTER DEVELOPING:	23.69	T/PVC	12/3/2009	10:45
SWE BEFORE DEVELOPING:	19.08	T/PVC	12/3/2009	10:05
SWE AFTER DEVELOPING:	19.09	T/PVC	12/3/2009	10:45
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



WELL CONSTRUCTION LOG

WELL NO. MW-24d

Page 1 of 3

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 11/23/09	Date Drilling Completed: 11/23/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 798.3	TOC Elevation (ft) 797.93	Total Depth (ft bgs) 46.0	Borehole Dia. (in) 8.5
Boring Location: In ROW on the south side of Cummins Street across from 205 Cummins, approximately 200 feet east of Ottawa Street		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 11/23/09 00:00 ▽ Depth (ft bgs) 19.5 After Drilling: Date/Time 11/24/09 14:30 ▽ Depth (ft bgs) 19.13		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 SS	50	1 2 6 9	2	POORLY GRADED SAND mostly fine to medium sand, trace silt, dark brown (7.5YR 3/3), damp, medium dense.	SP			NA	No recovery due to an obstruction (rock). See boring log for MW-24s as a reference.
2 SS	0	7 25 25 25	4						
3 SS	50	4 11 9 8	10	POORLY GRADED SAND WITH GRAVEL mostly coarse to medium sand, some sub-rounded gravel, brown (7.5YR 4/4), damp, medium dense.	SP			NA	
4 SS	10	6 19 10 9	14	POORLY GRADED SAND mostly coarse to medium sand, few sub-rounded gravel, brown (7.5YR 4/4), moist, medium dense.	SP			NA	

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

Signature:	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

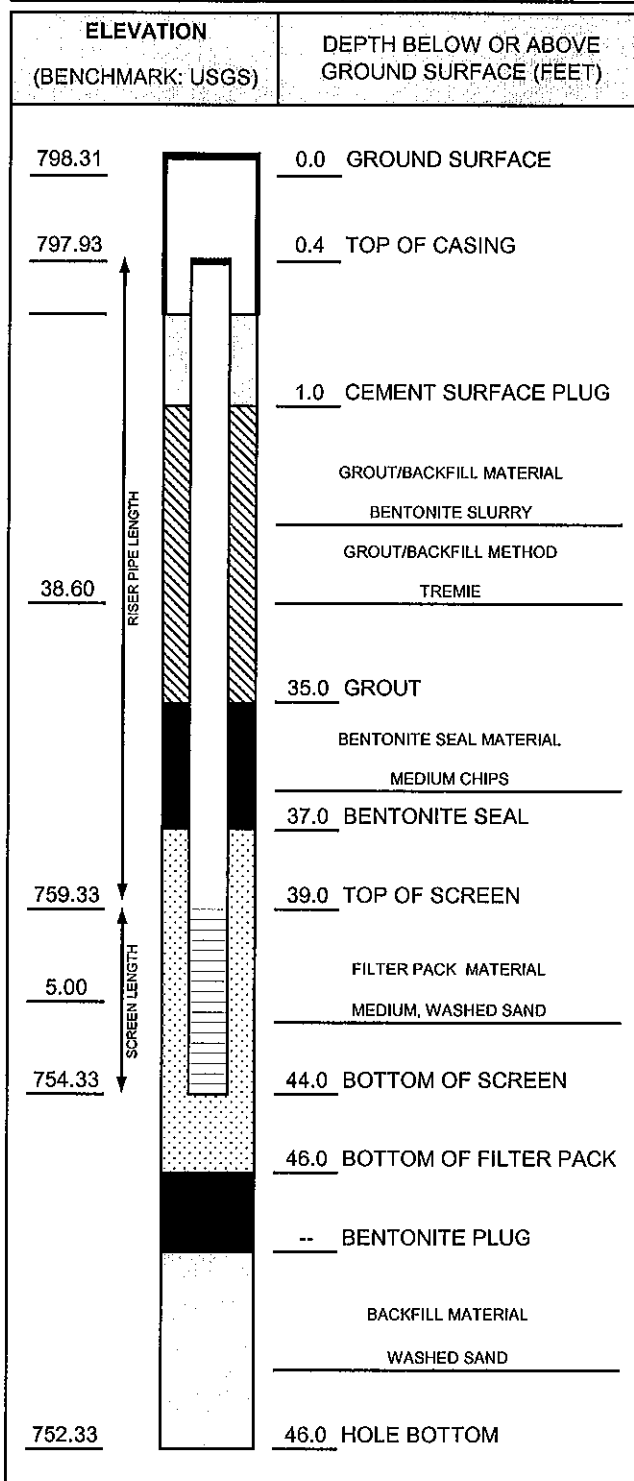
SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			18						
5 SS	75	5 8 11 10	19.5	▼ Change to brown (7.5YR 5/2), saturated at 19.5 feet below ground surface.					
			20					NA	
			22		SP				
6 SS	75	4 8 9 10	24	Change to trace gravel, gray (5YR 5/1).				NA	
			26						
			28						
7 SS	90	10 19 35 32	30	SILTY SAND mostly fine sub-rounded to rounded sand, little silt, gray (5YR 6/1), saturated, dense to very dense, moderate sorting.				NA	
			32						
			34		SM				
8 SS	50	4 17 36 32	36	Change to some silt.				NA	
			36						

SAMPLE			DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS							
			38		SM				
9 SS	75	3 3 7 8	40	POORLY GRADED SAND WITH GRAVEL mostly coarse to medium sub-rounded to sub-angular sand, some sub-rounded to rounded gravel, dark gray (5YR 4/1), saturated, medium dense.				NA	
			42		SP				
10 SS		2 4 6 9	44	LEAN CLAY mostly clay, few silt, few sand, plastic, gray (10YR 5/1), saturated, stiff.	CL			NA	pp = 1.75 tsf
			46	End of boring at 46.0 feet below ground surface.					
			48						
			50						
			52						
			54						
			56						
			58						

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-24d
PROJ. NO: 8070.07	DATE INSTALLED: 11/23/2009	INSTALLED BY: John Bacon CHECKED BY: S. Metz



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:	8.5 IN. FROM 0 TO 44 FT.
	2 IN. FROM 44 TO 46 FT.
SURF. CASING DIAMETER:	9 IN. FROM 0 TO 1 FT.
	IN. FROM TO FT.

WELL DEVELOPMENT	
DEVELOPMENT METHOD:	SURGE AND PUMP
TIME DEVELOPING:	0.4 HOURS
WATER REMOVED:	20 GALLONS
WATER ADDED:	0 GALLONS
WATER CLARITY BEFORE / AFTER DEVELOPMENT	
CLARITY BEFORE:	Cloudy
COLOR BEFORE:	Brown
CLARITY AFTER:	Clear
COLOR AFTER:	None
ODOR (IF PRESENT):	None

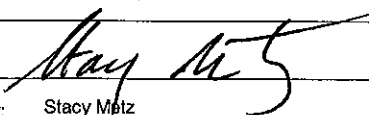
WATER LEVEL SUMMARY				
MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	44.12	T/PVC	12/3/2009	10:01
DTB AFTER DEVELOPING:	44.21	T/PVC	12/3/2009	10:30
SWE BEFORE DEVELOPING:	19.18	T/PVC	12/3/2009	10:01
SWE AFTER DEVELOPING:	19.19	T/PVC	12/3/2009	10:30
OTHER SWE:		T/PVC		
OTHER SWE:		T/PVC		

PROTECTIVE CASING DETAILS	
PERMANENT, LEGIBLE WELL LABEL ADDED?	☒ YES ☐ NO
PROTECTIVE COVER AND LOCK INSTALLED?	☒ YES ☐ NO
LOCK KEY NUMBER:	3120

Facility/Project Name: Tecumseh Products Company - Monitoring Well Installation		Date Drilling Started: 12/1/09	Date Drilling Completed: 12/1/09	Project Number: 8070.07	
Drilling Firm: Stearns Drilling	Drilling Method: HSA	Surface Elev. (ft) 798.7	TOC Elevation (ft) 798.23	Total Depth (ft bgs) 56.0	Borehole Dia. (in) 8.5
Boring Location: On southernmost TPC parcel (#325-0250-00), approximately 129 feet south of TPC fence		Personnel Logged By - John Bacon Driller - Bert Graham		Drilling Equipment: CME 1050 ATV	
Civil Town/City/or Village: Tecumseh	County: Lenawee	State: MI	Water Level Observations: While Drilling: Date/Time 12/1/09 00:00 Depth (ft bgs) 20.5 After Drilling: Date/Time 12/1/09 12:20 Depth (ft bgs) 19.04		

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
1 SS	75	1 1 4 5	1	TOPSOIL AND FILL grass, poorly sorted sand, few silt, trace gravel, very dark brown (10YR 2/2), damp, loose to very loose, grades to poorly graded sand with gravel.				NA	
			2	WELL GRADED SAND WITH GRAVEL mostly fine to coarse angular to sub-rounded sand, little to some fine to coarse sub-rounded to sub-angular gravel, strong brown (7.5YR 4/6), damp, loose.					
			4	Same as above.					
2 SS	75	4 4 3 8	4		SW			NA	
			6						
			8						
3 SS	50	3 10 12 14	10	WELL GRADED SAND mostly fine to coarse sub-rounded to rounded sand, trace fine to coarse sub-rounded to sub-angular gravel, strong brown (7.5YR 4/6), damp, medium dense. Grades to brown (7.5YR 5/3) at 10.5 ft bgs.				NA	
			12						
			14		SW				
4 SS	75	6 13 12 12	14	Change to trace sub-rounded to rounded gravel.				NA	

SOIL BORING WELL CONSTRUCTION LOG 8070.07.GPJ RMT CORP.GDT 8070.07 2/12/10

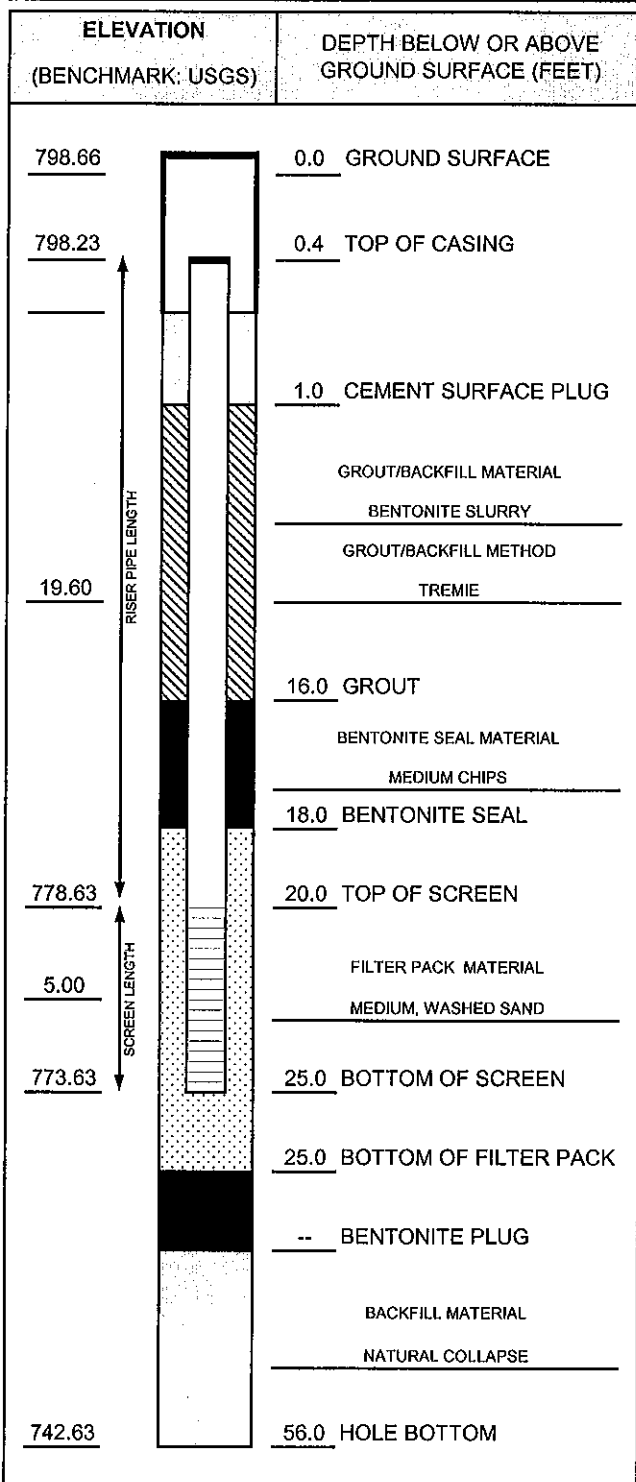
Signature: 	Firm: RMT Inc. 3754 Ranchero Drive Ann Arbor, MI 48108	734-971-7080 Fax 734-971-9022
Checked By: Stacy Metz		

SAMPLE			DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS							
			18		SW				
5 SS	100	8 9 14 9	20	▼ WELL GRADED SAND WITH GRAVEL mostly fine to coarse sub-rounded to sub-angular sand, little fine to coarse sub-rounded to sub-angular gravel, dark grayish brown (10YR 4/2), damp to saturated, medium dense. ▽				NA	
			22						
6 SS	40	2 4 6 7	24	Change to saturated, loose to medium dense.	SW			NA	
			26						
			28						
7 SS	50	1 2 4 5	30	WELL GRADED SAND mostly fine to coarse sub-rounded to sub-angular sand, trace fine to coarse sub-rounded to sub-angular gravel, gray (7.5YR 5/1), saturated, loose.				NA	
			32						
8 SS	40	1 2 3 6	34	Change to sub-rounded to rounded sand, no gravel.	SW			NA	
			36						

SAMPLE		BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	WELL DIAGRAM	PID (PPM)	COMMENTS
NUMBER AND TYPE	RECOVERY (%)								
			38						
9 SS	75	3 5 14 23	40	Change to trace fine to coarse sub-rounded to sub-angular gravel, medium dense to dense.				NA	
			42		SW				
10 SS	80	3 4 10 15	44	Same as above, gravel content and density increases with depth.				NA	
			46	POORLY GRADED SAND WITH GRAVEL mostly fine to coarse sub-rounded to sub-angular sand, some fine to coarse sub-rounded to sub-angular gravel, gray (7.5YR 5/1), saturated, medium dense.					
			48		SP				Groundwater sample collected from 46 to 51 ft bgs at 11:35
11 SS	0	18 15 25 17	50					NA	No recovery due to obstruction
			52	LEAN CLAY mostly clay, trace coarse sand, trace gravel, medium plasticity, dark gray (10 YR 4/1), saturated, hard.	CL			NA	Change in stiffness noted by driller pp > 4.5 tsf
12 SS		10 11 18 22	54						
13 ST	0		56					NA	Shelby tube damaged, no recovery
			58	End of boring at 56.0 feet below ground surface.					

RMT**WELL CONSTRUCTION DIAGRAM**

PROJ. NAME: Tecumseh Products Company		WELL ID: MW-25s
PROJ. NO: 8070.07	DATE INSTALLED: 11/24/2009	INSTALLED BY: John Bacon
		CHECKED BY: S. Metz



NOTES:

CASING AND SCREEN DETAILSTYPE OF RISER: 2-INCH PVCPIPE SCHEDULE: 40PIPE JOINTS: THREADED O-RINGSSOLVENT USED? NOSCREEN TYPE: 2-INCH PVCSCR. SLOT SIZE: 0.01-INCHBOREHOLE DIAMETER: 8.5 IN. FROM 0 TO 54 FT.3 IN. FROM 54 TO 56 FT.SURF. CASING DIAMETER: 9 IN. FROM 0 TO 1 FT. IN. FROM TO FT.**WELL DEVELOPMENT**DEVELOPMENT METHOD: SURGE AND PUMPTIME DEVELOPING: 0.5 HOURSWATER REMOVED: 55 GALLONSWATER ADDED: 0 GALLONS

WATER CLARITY BEFORE / AFTER DEVELOPMENT

CLARITY BEFORE: CloudyCOLOR BEFORE: BrownCLARITY AFTER: ClearCOLOR AFTER: NoneODOR (IF PRESENT): None**WATER LEVEL SUMMARY**

MEASUREMENT (FEET)			DATE	TIME
DTB BEFORE DEVELOPING:	24.89	T/PVC	12/2/2009	16:00
DTB AFTER DEVELOPING:	25.05	T/PVC	12/2/2009	16:26
SWE BEFORE DEVELOPING:	18.74	T/PVC	12/2/2009	16:00
SWE AFTER DEVELOPING:	18.76	T/PVC	12/2/2009	16:26
OTHER SWE:		T/PVC		
OTHER SWE:		T/PVC		

PROTECTIVE CASING DETAILSPERMANENT, LEGIBLE WELL LABEL ADDED? ☒ YES ☐ NOPROTECTIVE COVER AND LOCK INSTALLED? ☒ YES ☐ NOLOCK KEY NUMBER: 3120

Attachment B
Laboratory Hydraulic Conductivity Tests

RMT, Inc.															QC: <i>AM</i>					
Falling Head Permeability Test (ASTM D5084)															QA: <i>AM</i>					
Project Name: Tecumseh Products										Cell #:					6					
Project #: 8070.07										USCS Description:					N/A					
Sample Name: MW-10D, 21-23'										USCS Classification:					N/A					
Visual Descript: Lean clay										Average Kv =					1.9E-08 cm/sec					
Sample Type:		Undisturbed		Initial Values		Final Values				Permeant:		Water								
Sample Dia. (in)		2.87		2.87						Permeant Specific Gravity:		1.00								
Sample Ht. (in)		2.30		2.30						Sample Specific Gravity:		2.76 Est.								
Tare & Wet (g)		420.00		810.80						Confining Pressure (psi):		100.0								
Tare & Dry (g)		404.20		743.40						Burette Diameter (in):		0.250								
Tare (g)		278.57		256.09						Burette Zero (cm):		100.0								
Sample Wt. (g)		552.50		554.71																
Moisture (%)		12.6		13.8																
Wet Density (pcf)		141.5		142.0																
Dry Density (pcf)		125.7		124.8						Max. Effect. Stress (psi):		5.9								
Saturation (%)		93.7		100.4						Min. Effect. Stress (psi):		4.6								
										Ave. Effect. Stress (psi):		5.1								
1	Date			Time		Run Time	Temp C***	Pressure (psi)		Cham	Cham. Dif.	Bot	Bot. Dif.	Top	Top Dif.	Flow Dif. %	Kv *** cm/sec	Ave. * 0.1		
	Yr.	Mo.	Day	Hr.	Min.			Bot	Top											
1	2009	12	10	14	41.00		0.0	95	95	34.20		12.35		96.25						
2	2009	12	10	15	10.00	1740	19.0	95	95	34.80	0.60	12.45	0.10	95.85	0.40	-60.0	7.8E-08			
3	2009	12	10	16	10.00	3600	19.0	95	95	35.60	0.80	12.70	0.25	95.65	0.20	11.1	3.4E-08			
4	2009	12	11	7	52.00	56520	19.0	95	95	40.70	5.10	15.60	2.90	93.80	1.85	22.1	2.4E-08			
5	2009	12	11	9	51.00	7140	19.0	95	95	41.50	0.80	15.80	0.20	93.60	0.20	0.0	1.6E-08			
6	2009	12	11	11	48.00	7020	19.0	95	95	41.80	0.30	16.20	0.40	93.35	0.25	23.1	2.7E-08			
7	2009	12	11	13	48.00	7200	19.0	95	95	42.20	0.40	16.50	0.30	93.15	0.20	20.0	2.1E-08			
8	2009	12	11	15	8.00		0.0	95	95	41.80		17.00		92.95						
9	2009	12	11	16	16.00	4080	19.0	95	95	42.00	0.20	17.20	0.20	92.80	0.15	14.3	2.6E-08			
10	2009	12	14	5	56.00	222000	19.0	95	95	47.60	5.60	25.25	8.05	85.85	6.95	7.3	2.3E-08			
11	2009	12	14	8	37.00	9660	20.0	95	95	48.10	0.50	25.60	0.35	85.60	0.25	16.7	2.3E-08			
12	2009	12	14	10	38.00	7260	21.0	95	95	49.20	1.10	25.80	0.20	85.45	0.15	14.3	1.7E-08			
13	2009	12	14	12	34.00	6960	21.0	95	95	49.25	0.05	26.05	0.25	85.30	0.15	25.0	2.1E-08			
14	2009	12	14	14	34.00	7200	20.0	95	95	48.30	-0.95	26.20	0.15	85.05	0.25	-25.0	2.1E-08			
15	2009	12	15	5	32.00	53880	19.0	95	95	48.50	0.20	27.65	1.45	83.70	1.35	3.6	2.1E-08			
16	2009	12	15	7	36.00	7440	20.0	95	95	49.10	0.60	27.85	0.20	83.55	0.15	14.3	1.9E-08			
17	2009	12	15	9	44.00	7680	21.0	95	95	49.80	0.70	28.15	0.30	83.35	0.20	20.0	2.5E-08			
18	2009	12	15	11	34.00	6600	19.0	95	95	49.40	-0.40	28.25	0.10	83.20	0.15	-20.0	1.6E-08			
19	2009	12	15	13	33.00	7140	21.0	95	95	50.00	0.60	28.45	0.20	83.15	0.05	60.0	1.4E-08			
20	2009	12	15	15	34.00	7260	19.0	95	95	48.80	-1.20	28.60	0.15	82.90	0.25	-25.0	2.3E-08			
21	2009	12	16	5	56.00	51720	19.0	95	95	49.45	0.65	29.80	1.20	81.85	1.05	6.7	1.9E-08			
22	2009	12	16	7	48.00		0.0	95	95	49.50		30.40		82.20						
23	2009	12	16	9	58.00	7800	21.0	95	95	50.40	0.90	30.40	0.00	81.80	0.40	-100.0	2.1E-08			
24	2009	12	16	12	0.00	7320	19.0	95	95	49.30	-1.10	30.50	0.10	81.55	0.25	-42.9	2.1E-08			
25	2009	12	16	14	0.00	7200	21.0	95	95	50.70	1.40	30.65	0.15	81.40	0.15	0.0	1.8E-08			
26	2009	12	16	16	1.00	7260	19.0	95	95	49.50	-1.20	-30.80	-0.15	-81.25	-0.15	0.0	-1.9E-08			
**A zero in this column starts a series of measurements.															*Average Kv for those rows with a 1 in the Ave. column.					
(Termination determined by stable Kv and low flow differential.)															***Kv adjusted for temperature.					

RMT, Inc.															QC: <i>MM</i>		
Falling Head Permeability Test (ASTM D5084)															QA: <i>NN</i>		
Project Name: Tecumseh Products										Cell #:			6				
Project #: 8070.07										USCS Description:			N/A				
Sample Name: MW-10D, 21-23'										USCS Classification:			N/A				
Visual Descript: Lean clay																	
Sample Type:		Undisturbed		Initial Values		Final Values											
Sample Dia. (in)				2.87		2.87		Permeant:				Water					
Sample Ht. (in)				2.30		2.30		Permeant Specific Gravity:				1.00					
Tare & Wet (g)				420.00		810.80		Sample Specific Gravity:				2.76				Est.	
Tare & Dry (g)				404.20		743.40		Confining Pressure (psi):				100.0					
Tare (g)				278.57		256.09		Burette Diameter (in):				0.250					
Sample Wt. (g)				552.50		554.71		Burette Zero (cm):				100.0					
Moisture (%)				12.6		13.8		Maximum Gradient:				8.1					
Wet Density (pcf)				141.5		142.0		Average Gradient:				7.1					
Dry Density (pcf)				125.7		124.8		Max. Effect. Stress (psi):				5.5					
Saturation (%)				93.7		100.4		Min. Effect. Stress (psi):				4.7					
								Ave. Effect. Stress (psi):				5.0					
1	Date			Time		Run Time	Temp C**	Pressure (psi)		Cham. Dif.	Bot. Dif.	Top	Flow Dif. %	Kv ***	Ave.*		
	Yr.	Mo.	Day	Hr.	Min.			Bot	Top							cm/sec	0.1
1	2009	12	16	16	1.00		0.0	95	95	49.50		30.80		81.25			
2	2009	12	17	7	39.00	56280	19.0	95	95	50.30	0.80	32.10	1.30	80.20	1.05 10.6 1.9E-08		
3	2009	12	17	9	43.00	7440	19.0	95	95	50.60	0.30	32.25	0.15	80.05	0.15 0.0 1.9E-08		
4	2009	12	17	11	41.00	7080	19.0	95	95	50.50	-0.10	32.35	0.10	79.90	0.15 -20.0 1.7E-08		
5	2009	12	17	13	41.00	7200	19.0	95	95	50.60	0.10	32.50	0.15	79.80	0.10 20.0 1.7E-08		
6	2009	12	17	15	41.00	7200	19.0	95	95	50.80	0.20	32.65	0.15	79.65	0.15 0.0 2.0E-08 1		
7	2009	12	18	7	35.00	57240	19.0	95	95	51.30	0.50	33.80	1.15	78.60	1.05 4.5 1.9E-08 1		
8	2009	12	18	9	35.00	7200	19.0	95	95	51.50	0.20	33.95	0.15	78.50	0.10 20.0 1.8E-08 1		
9	2009	12	18	11	35.00	7200	19.0	95	95	51.60	0.10	34.10	0.15	78.35	0.15 0.0 2.1E-08 1		
10	2009	12	18	13	35.00	7200	20.0	95	95	51.80	0.20	34.25	0.15	78.25	0.10 20.0 1.7E-08 1		
11	2009	12	18	16	3.00	8880	20.0	95	95	51.80	0.00	34.40	0.15	78.10	0.15 0.0 1.7E-08 1		
12	2009	12	21	6	6.00	223380	19.0	95	95	53.65	1.85	38.25	3.85	74.90	3.20 9.2 1.8E-08 1		
13																	
14																	
15																	
16																	
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21																	
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24																	
25																	
26																	
**A zero in this column starts a series of measurements. *Average Kv for those rows with a 1 in the Ave. column. 1.9E-08 cm/sec																	
(Termination determined by stable Kv and low flow differential.) ***Kv adjusted for temperature.																	

RMT, Inc.															QC: 01					
Falling Head Permeability Test (ASTM D5084)															QA: 01					
Project Name: Tecumseh Products										Cell #:			7							
Project #: 8070.07										USCS Description:			N/A							
Sample Name: MW-19D, 48-50'										USCS Classification:			N/A							
Visual Descript: Lean clay with sand										Average Kv =			1.5E-08 cm/sec							
Sample Type: Undisturbed										Initial Values		Final Values								
Sample Dia. (in)										2.86		2.86		Permeant:		Water				
Sample Ht. (in)										2.28		2.28		Permeant Specific Gravity:		1.00				
Tare & Wet (g)										605.70		795.10		Sample Specific Gravity:		2.66 Est.				
Tare & Dry (g)										570.30		736.20		Confining Pressure (psi):		100.0				
Tare (g)										276.96		254.84		Burette Diameter (in):		0.250				
Sample Wt. (g)										541.70		540.26		Burette Zero (cm):		100.0				
Moisture (%)										12.1		12.2								
Wet Density (pcf)										140.5		140.5								
Dry Density (pcf)										125.4		125.2		Max. Effect. Stress (psi):		5.6				
Saturation (%)										99.3		100.1		Min. Effect. Stress (psi):		4.1				
														Ave. Effect. Stress (psi):		4.7				
1	Date			Time		Run Time	Temp C***	Pressure (psi)		Cham.	Cham. Dif.	Bot.	Bot. Dif.	Top	Top Dif.	Flow Dif. %	Kv *** cm/sec	Ave.* 0.1		
	Yr.	Mo.	Day	Hr.	Min.			Bot	Top											
1	2009	12	10	14	43.00		0.0	95	95	52.10		10.00		96.15						
2	2009	12	10	15	11.00	1680	19.0	95	95	53.20	1.10	10.15	0.15	95.55	0.60	-60.0	1.2E-07			
3	2009	12	10	16	11.00	3600	19.0	95	95	54.80	1.60	10.15	0.00	95.30	0.25	-100.0	1.8E-08			
4	2009	12	11	7	53.00	56520	19.0	95	95	62.80	8.00	11.90	1.75	94.00	1.30	14.8	1.5E-08			
5	2009	12	11	9	52.00	7140	19.0	95	95	63.70	0.90	12.15	0.25	93.75	0.25	0.0	1.9E-08			
6	2009	12	11	11	49.00	7020	19.0	95	95	64.30	0.60	12.40	0.25	93.60	0.15	25.0	1.6E-08			
7	2009	12	11	13	50.00	7260	19.0	95	95	64.60	0.30	12.65	0.25	93.40	0.20	11.1	1.7E-08			
8	2009	12	11	15	10.00		0.0	95	95	64.90		6.50		96.10						
9	2009	12	11	16	17.00	4020	19.0	95	95	65.20	0.30	6.65	0.15	95.95	0.15	0.0	1.9E-08			
10	2009	12	14	5	57.00	222000	19.0	95	95	72.90	7.70	13.85	7.20	89.55	6.40	5.9	1.7E-08			
11	2009	12	14	8	38.00	9660	20.0	95	95	73.80	0.90	14.15	0.30	89.30	0.25	9.1	1.7E-08			
12	2009	12	14	10	39.00	7260	21.0	95	95	74.80	1.00	14.35	0.20	89.15	0.15	14.3	1.4E-08			
13	2009	12	14	12	35.00	6960	21.0	95	95	75.05	0.25	14.50	0.15	89.00	0.15	0.0	1.2E-08			
14	2009	12	14	14	35.00	7200	20.0	95	95	74.00	-1.05	14.75	0.25	88.75	0.25	0.0	2.1E-08			
15	2009	12	15	5	33.00	53880	19.0	95	95	74.50	0.50	16.20	1.45	87.35	1.40	1.8	1.7E-08			
16	2009	12	15	7	37.00	7440	20.0	95	95	75.10	0.60	16.40	0.20	87.20	0.15	14.3	1.5E-08			
17	2009	12	15	9	46.00	7740	21.0	95	95	76.10	1.00	16.60	0.20	87.10	0.10	33.3	1.2E-08			
18	2009	12	15	11	35.00	6540	19.0	95	95	74.80	-1.30	16.75	0.15	86.90	0.20	-14.3	1.7E-08			
19	2009	12	15	13	33.00	7080	21.0	95	95	76.20	1.40	17.00	0.25	86.75	0.15	25.0	1.7E-08			
20	2009	12	15	15	43.00	7800	19.0	95	95	75.20	-1.00	17.15	0.15	86.60	0.15	0.0	1.3E-08			
21	2009	12	16	5	56.00	51180	19.0	95	95	75.70	0.50	18.40	1.25	85.35	1.25	0.0	1.6E-08			
22	2009	12	16	7	55.00		0.0	95	95	74.80		17.20		94.75						
23	2009	12	16	10	1.00	7560	21.0	95	95	77.30	2.50	16.40	-0.80	93.45	1.30	-120.0	1.8E-08			
24	2009	12	16	12	1.00	7200	19.0	95	95	76.50	-0.80	16.55	0.15	93.25	0.20	-14.3	1.4E-08			
25	2009	12	16	14	1.00	7200	21.0	95	95	77.80	1.30	16.75	0.20	93.10	0.15	14.3	1.4E-08			
26	2009	12	16	16	2.00	7260	19.0	95	95	76.50	-1.30	16.90	0.15	92.90	0.20	-14.3	1.4E-08			
**A zero in this column starts a series of measurements.															*Average Kv for those rows with a 1 in the Ave. column.					
(Termination determined by stable Kv and low flow differential.)																			***Kv adjusted for temperature.	

RMT, Inc.														QC: <u>DM</u>																																																	
Falling Head Permeability Test (ASTM D5084)														QA: <u>DM</u>																																																	
Project Name: Tecumseh Products										Cell #:		7																																																			
Project #: 8070.07										USCS Description:		N/A																																																			
Sample Name: MW-19D, 48-50'										USCS Classification:		N/A																																																			
Visual Descript: Lean clay with sand																																																															
<table style="width:100%; border: none;"> <tr> <td style="width:35%;">Sample Type: Undisturbed</td> <td style="width:10%;">Initial</td> <td style="width:10%;">Final</td> <td colspan="3"></td> </tr> <tr> <td></td> <td>Values</td> <td>Values</td> <td colspan="3"></td> </tr> <tr> <td>Sample Dia. (in)</td> <td>2.86</td> <td>2.86</td> <td>Permeant:</td> <td colspan="2">Water</td> </tr> <tr> <td>Sample Ht. (in)</td> <td>2.28</td> <td>2.28</td> <td>Permeant Specific Gravity:</td> <td colspan="2">1.00</td> </tr> <tr> <td>Tare & Wet (g)</td> <td>605.70</td> <td>795.10</td> <td>Sample Specific Gravity:</td> <td colspan="2">2.66 Est.</td> </tr> <tr> <td>Tare & Dry (g)</td> <td>570.30</td> <td>736.20</td> <td>Confining Pressure (psi):</td> <td colspan="2">100.0</td> </tr> <tr> <td>Tare (g)</td> <td>276.96</td> <td>254.84</td> <td>Burette Diameter (in):</td> <td colspan="2">0.250</td> </tr> <tr> <td>Sample Wt. (g)</td> <td>541.70</td> <td>540.26</td> <td>Burette Zero (cm):</td> <td colspan="2">100.0</td> </tr> </table>																Sample Type: Undisturbed	Initial	Final					Values	Values				Sample Dia. (in)	2.86	2.86	Permeant:	Water		Sample Ht. (in)	2.28	2.28	Permeant Specific Gravity:	1.00		Tare & Wet (g)	605.70	795.10	Sample Specific Gravity:	2.66 Est.		Tare & Dry (g)	570.30	736.20	Confining Pressure (psi):	100.0		Tare (g)	276.96	254.84	Burette Diameter (in):	0.250		Sample Wt. (g)	541.70	540.26	Burette Zero (cm):	100.0	
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	Date	Time	Run	Temp	Pressure (psi)			Cham.		Bot.		Top	Flow	Kv ***	Ave.*																																																
	Yr.	Mo.	Day	Hr.	Min.	Time	C°**	Bot	Top	Cham	Dif.	Bot	Dif.	Top	Dif.	Dif. %	cm/sec	0.1																																													
1	2009	12	16	16	2.00		0.0	95	95	76.50		16.90		92.90																																																	
2	2009	12	17	7	41.00	56340	19.0	95	95	77.60	1.10	18.40	1.50	91.45	1.45	1.7	1.6E-08																																														
3	2009	12	17	9	44.00	7380	19.0	95	95	77.90	0.30	18.65	0.25	91.30	0.15	25.0	1.7E-08																																														
4	2009	12	17	11	42.00	7080	19.0	95	95	77.90	0.00	18.80	0.15	91.20	0.10	20.0	1.1E-08																																														
5	2009	12	17	13	42.00	7200	19.0	95	95	78.10	0.20	19.05	0.25	91.00	0.20	11.1	2.0E-08																																														
6	2009	12	17	15	42.00	7200	19.0	95	95	78.20	0.10	19.20	0.15	90.80	0.20	-14.3	1.5E-08																																														
7	2009	12	18	7	36.00	57240	19.0	95	95	79.20	1.00	20.65	1.45	89.50	1.30	5.5	1.6E-08	1																																													
8	2009	12	18	9	36.00	7200	19.0	95	95	79.40	0.20	20.85	0.20	89.30	0.20	0.0	1.8E-08	1																																													
9	2009	12	18	11	36.00	7200	19.0	95	95	79.50	0.10	21.05	0.20	89.15	0.15	14.3	1.6E-08	1																																													
10	2009	12	18	13	37.00	7260	20.0	95	95	79.90	0.40	21.20	0.15	89.05	0.10	20.0	1.1E-08	1																																													
11	2009	12	18	16	4.00	8820	20.0	95	95	79.80	-0.10	21.40	0.20	88.85	0.20	0.0	1.5E-08	1																																													
12	2009	12	21	6	7.00	223380	19.0	95	95	82.80	3.00	26.35	4.95	84.30	4.55	4.2	1.5E-08	1																																													
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**A zero in this column starts a series of measurements.

*Average Kv for those rows with a 1 in the Ave. column.

1.5E-08 cm/sec

(Termination determined by stable Kv and low flow differential.)

***Kv adjusted for temperature.

Attachment C
Laboratory Analytical Data

December 02, 2009

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
0911515	11/25/2009	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-29b**
 Lab Sample ID: **0911515-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0914436

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 10:47
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/30/09 By: DLV
 Analytical Batch: 9K30057

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
*108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	27	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	6.2	2.0
156-60-5	trans-1,2-Dichloroethene	<2.0	2.0

Continued on next page

*See Statement of Data Qualifications

Page 2 of 17

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-29b**
 Lab Sample ID: **0911515-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0914436

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 10:47
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/30/09 By: DLV
 Analytical Batch: 9K30057

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	210	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	77	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	76	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-29b**
 Lab Sample ID: **0911515-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0914436

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 10:47
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/30/09 By: DLV
 Analytical Batch: 9K30057

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.0	2.0
136777-61-2	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0
Surrogates:			
	% Recovery	Control Limits	
<i>Dibromofluoromethane</i>	109	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	114	<i>81-116</i>	
<i>Toluene-d8</i>	101	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-33b**
 Lab Sample ID: **0911515-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 11:25
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-33b**
 Lab Sample ID: **0911515-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 11:25
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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	4.7	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **B-33b**
 Lab Sample ID: **0911515-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 11:25
 Sampled By: SM
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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	
<i>Dibromofluoromethane</i>	107	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	113	<i>81-116</i>	
<i>Toluene-d8</i>	101	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0911515-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 00:00
 Sampled By: TML
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0911515-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 00:00
 Sampled By: TML
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0911515-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914420

Work Order: **0911515**
 Description: Laboratory Services
 Sampled: 11/24/09 00:00
 Sampled By: TML
 Received: 11/25/09 16:00
 Prepared: 11/29/09 By: DLV
 Analyzed: 11/29/09 By: DLV
 Analytical Batch: 9K30051

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	
<i>Dibromofluoromethane</i>	109	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	113	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0914420 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 11/29/2009 By: DLV

Analytical Batch: 9K30051

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

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
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QC Batch: 0914420 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/29/2009 By: DLV

Unit: ug/L

Analytical Batch: 9K30051

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:

<i>Dibromofluoromethane</i>	104	88-115
<i>1,2-Dichloroethane-d4</i>	109	81-116
<i>Toluene-d8</i>	99	87-113
<i>4-Bromofluorobenzene</i>	95	78-116

Laboratory Control Sample

Analyzed: 11/29/2009 By: DLV

Unit: ug/L

Analytical Batch: 9K30051

Benzene	40.0	38.9	97	86-122	1.0
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Continued on next page

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
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QC Batch: 0914420 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 11/29/2009 By: DLV

Analytical Batch: 9K30051

Chlorobenzene	40.0	37.2	93	88-114	1.0
1,1-Dichloroethene	40.0	40.1	100	81-125	1.0
Toluene	40.0	37.4	94	87-123	1.0
Trichloroethene	40.0	38.4	96	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	<i>102</i>	<i>88-115</i>
<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>81-116</i>
<i>Toluene-d8</i>	<i>100</i>	<i>87-113</i>
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>78-116</i>

QC Batch: 0914436 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 11/30/2009 By: DLV

Analytical Batch: 9K30057

Acetone	<20	20
Acrylonitrile	<1.0	1.0
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	<1.0	1.0
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	<1.0	1.0
Chloroform	<1.0	1.0
Chloromethane	<1.0	1.0
1,2-Dibromo-3-chloropropane	<1.0	1.0
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

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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
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QC Batch: 0914436 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/30/2009 By: DLV

Unit: ug/L

Analytical Batch: 9K30057

1,3-Dichlorobenzene	<1.0	1.0
1,4-Dichlorobenzene	<1.0	1.0
Dichlorodifluoromethane	<1.0	1.0
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
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	<1.0	1.0
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

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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
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QC Batch: 0914436 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 11/30/2009 By: DLV

Analytical Batch: 9K30057

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	107	88-115
1,2-Dichloroethane-d4	112	81-116
Toluene-d8	101	87-113
4-Bromofluorobenzene	94	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 11/29/2009 By: DLV

Analytical Batch: 9K30057

Benzene	40.0	36.4	91	86-122				1.0
Chlorobenzene	40.0	34.9	87	88-114				1.0
1,1-Dichloroethene	40.0	36.9	92	81-125				1.0
Toluene	40.0	35.0	87	87-123				1.0
Trichloroethene	40.0	35.4	89	80-122				1.0

Surrogates:

Dibromofluoromethane	101	88-115
1,2-Dichloroethane-d4	103	81-116
Toluene-d8	101	87-113
4-Bromofluorobenzene	101	78-116

Laboratory Control Sample Duplicate

Unit: ug/L

Analyzed: 11/29/2009 By: DLV

Analytical Batch: 9K30057

Benzene	40.0	38.1	95	86-122	4	20	1.0
Chlorobenzene	40.0	36.0	90	88-114	3	20	1.0
1,1-Dichloroethene	40.0	39.2	98	81-125	6	20	1.0
Toluene	40.0	36.8	92	87-123	5	20	1.0
Trichloroethene	40.0	37.9	95	80-122	7	20	1.0

Surrogates:

Dibromofluoromethane	102	88-115
1,2-Dichloroethane-d4	104	81-116
Toluene-d8	101	87-113

Continued on next page

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
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QC Batch: 0914436 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample Duplicate (Continued)

Analyzed: 11/29/2009 By: DLV

Unit: ug/L

Analytical Batch: 9K30057

Surrogates (Continued):

4-Bromofluorobenzene

101

78-116

STATEMENT OF DATA QUALIFICATIONS**Volatile Organic Compounds by EPA Method 8260B**

Qualification: The LCS recovery was less than the lower control limit but greater than or equal to 10%. A positive result for this analyte in the associated QC batch is considered estimated; a non-detect result for the same analyte is considered as approximate.

Analysis: USEPA-8260B

Sample/Analyte: 0911515-01 B-29b

Chlorobenzene

US EPA ARCHIVE DOCUMENT

SAMPLE RECEIVING / LOG-IN CHECKLIST

Coolers Received

Recorded by (initials/date)	☒ Cooler	Qty Received	☒ IR Gun (#202)	See Additional Cooler Information Form
<u>DN 11/25/09</u>	☐ Box	<u>1</u>	Thermometer Used ☐ Digital Thermometer (#54)	
	☐ Other		☐ Other (#)	

Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
<u>TR2086</u>	<u>18:10</u>						
Custody Seals:		Custody Seals:		Custody Seals:		Custody Seals:	
☒ None		☐ None		☐ None		☐ None	
☐ Present / Intact		☐ Present / Intact		☐ Present / Intact		☐ Present / Intact	
☐ Present / Not Intact		☐ Present / Not Intact		☐ Present / Not Intact		☐ Present / Not Intact	
Coolant Location:		Coolant Location:		Coolant Location:		Coolant Location:	
Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom	
Coolant/Temperature Taken Via:		Coolant/Temperature Taken Via:		Coolant/Temperature Taken Via:		Coolant/Temperature Taken Via:	
☐ Loose Ice / Avg 2-3 containers		☐ Loose Ice / Avg 2-3 containers		☐ Loose Ice / Avg 2-3 containers		☐ Loose Ice / Avg 2-3 containers	
☒ Bagged Ice / Avg 2-3 containers		☐ Bagged Ice / Avg 2-3 containers		☐ Bagged Ice / Avg 2-3 containers		☐ Bagged Ice / Avg 2-3 containers	
☐ Blue Ice / Avg 2-3 containers		☐ Blue Ice / Avg 2-3 containers		☐ Blue Ice / Avg 2-3 containers		☐ Blue Ice / Avg 2-3 containers	
☒ None / Avg 2-3 containers		☒ None / Avg 2-3 containers		☒ None / Avg 2-3 containers		☒ None / Avg 2-3 containers	
Alternate Temperature Taken Via:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:	
☐ Temperature Blank (TB)		☐ Temperature Blank (TB)		☐ Temperature Blank (TB)		☐ Temperature Blank (TB)	
☐ 1 Container		☐ 1 Container		☐ 1 Container		☐ 1 Container	
Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
Temp Blank:			Temp Blank:			Temp Blank:	
TB location: Representative / Not Representative			TB location: Representative / Not Representative			TB location: Representative / Not Representative	
1	<u>7.8</u>	<u>0</u>	1			1	
2	<u>6.7</u>	<u>0</u>	2			2	
3	<u>7.1</u>	<u>0</u>	3			3	
Average °C		<u>7.2</u>	Average °C			Average °C	
☒ Cooler ID on COC?			☐ Cooler ID on COC?			☐ Cooler ID on COC?	
☒ VOC Trip Blank received?			☐ VOC Trip Blank received?			☐ VOC Trip Blank received?	

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

Paperwork Received

N/A	Yes	No
	☒	☐
	☐	☐
	☒	☐
	☐	☐
	☐	☐

☐ No COC Received

☐ Chain of Custody record(s)?

If No, COC Initiated By _____

Rec'd for Lab Signed/Date/Time? _____

Shipping document? _____

Other _____

COC ID Nos. 131191

☒ TriMatrix

☐ Other (Name or ID#) _____

Check COC for Accuracy

Yes	No
☒	☐
☒	☐
☒	☐
☒	☐

☐ No analysis requested

☐ Sample ID matches COC?

☐ Sample Date and Time matches COC?

☐ Container type completed on COC?

☐ All container types indicated are received?

Sample Condition Summary

N/A	Yes	No
	☒	☐
	☐	☒
	☐	☒
	☐	☒
	☐	☒
	☐	☒
	☐	☒
	☐	☒
	☐	☒
	☐	☒

☐ Non-TriMatrix containers, see Notes

☐ 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 ☐ Na₂SO₄

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) ☒ NONE RECEIVED ☐ RECEIVED, COCs TO LAB(S)
☐ Air Bags	
☐ EnCores / Methanol Pre-Preserved	
☐ Formaldehyde/Aldehyde	
☐ Green-tagged containers	
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)	

Notes

Trip Blank logged in. 11:25/09

☐ 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?
<u>DN 11/25/09</u>	<u>DN 11/25/09</u>	Yes / No

December 14, 2009

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
0911516	11/25/2009	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
Project: Tecumseh Products
Client Sample ID: **MW-23D 19-21'**
Lab Sample ID: **0911516-01**
Matrix: soil

Work Order: **0911516**
Description: Laboratory Services
Sampled: 11/24/09 10:55
Sampled By: S. Metz
Received: 11/25/09 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Fractional Organic Carbon	0.0028	0.0010	g C/g Soil	1	ASTM D 2974-87	12/12/09	HLB	0914710

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
Project: Tecumseh Products
Client Sample ID: **MW-10D 9-11'**
Lab Sample ID: **0911516-02**
Matrix: soil

Work Order: **0911516**
Description: Laboratory Services
Sampled: 11/24/09 14:20
Sampled By: S. Metz
Received: 11/25/09 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Fractional Organic Carbon	0.0026	0.0010	g C/g Soil	1	ASTM D 2974-87	12/12/09	HLB	0914710

US EPA ARCHIVE DOCUMENT

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
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Analyte: Fractional Organic Carbon/ASTM D 2974-87

QC Batch: 0914710 (Method-Specific Preparation)

Analyzed: 12/12/2009 By: HLB

Method Blank			<0.0010	g C/g Soil					0.0010
0911516-01 [MW-23D 19-21']									
Duplicate	0.0028		0.0034	g C/g Soil			18	20	0.0010

STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

Chain of Custody Record

COC No. 131191

Analyses Requested

Page ____ of ____

[illegible]

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: <u>MT</u>	Project-Submittal No. <u>0911516</u>
Receipt Report Page Line No. <u>4432</u>	New / Add To <u>54-28</u>
	Project Chemist
	Sample Nos.

Coolers Received

Recorded by (initials/date) <u>DN 11/25/09</u>	☒ Cooler ☐ Box ☐ Other	Qty Received <u>1</u>	☒ IR Gun (#202) ☐ Thermometer Used ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form
---	--	--------------------------	---	---

Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
<u>TR 2086</u>	<u>18:10</u>						
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	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
Temp Blank:			Temp Blank:			Temp Blank:	
TB location: Representative / Not Representative			TB location: Representative / Not Representative			TB location: Representative / Not Representative	
1	<u>7.8</u>	<u>0</u>	1			1	
2	<u>6.7</u>	<u>0</u>	2			2	
3	<u>5.1</u>	<u>0</u>	3			3	
Average °C		<u>7.2</u>	Average °C			Average °C	
Cooler ID on COC?			Cooler ID on COC?			Cooler ID on COC?	
VOC Trip Blank received?			VOC Trip Blank received?			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 Nos.	<u>131191</u>
☒ TriMatrix	
☐ 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 $\leq 6^{\circ}\text{C}$?
☒	☐	☐	Completed Sample Preservation Verification Form?
☒	☐	☐	Samples preserved correctly?
☒	☐	☐	If "No", added orange tag?
☒	☐	☐	Received pre-preserved VOC soils?
			☐ MeOH ☐ Na ₂ SO ₄

Check for Short Hold-Time Prep/Analyses	
☐ Bacteriological	
☐ Air Bags	
☐ EnCores / Methanol Pre-Preserved	
☐ Formaldehyde/Aldehyde	
☐ Green-tagged containers	
☐ Yellow/White-tagged IL ambers (SV Prep-Lab)	

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)
<u>DN 11/25/09</u>	<u>DN 11/25/09</u>
☐ Yes / No	

December 14, 2009

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
0912072	12/03/2009	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-25S (51')**
 Lab Sample ID: **0912072-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/01/09 11:35
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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	37	1.0
156-60-5	trans-1,2-Dichloroethene	1.4	1.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-25S (51')**
 Lab Sample ID: **0912072-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/01/09 11:35
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-25S (51')**
 Lab Sample ID: **0912072-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/01/09 11:35
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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	
<i>Dibromofluoromethane</i>	102	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>	
<i>Toluene-d8</i>	97	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
Project: Tecumseh Products
Client Sample ID: **MW-19D (30-35)**
Lab Sample ID: **0912072-02**
Matrix: soil

Work Order: **0912072**
Description: Laboratory Services
Sampled: 12/02/09 11:40
Sampled By: J. Bacon
Received: 12/03/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Fractional Organic Carbon	0.0045	0.0010	g C/g Soil	1	ASTM D 2974-87	12/12/09	HLB	0914710

US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
Project: Tecumseh Products
Client Sample ID: **MW-19S (24-26)**
Lab Sample ID: **0912072-03**
Matrix: soil

Work Order: **0912072**
Description: Laboratory Services
Sampled: 12/02/09 13:50
Sampled By: J. Bacon
Received: 12/03/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Fractional Organic Carbon	0.0049	0.0010	g C/g Soil	1	ASTM D 2974-87	12/12/09	HLB	0914710

US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank TM2456**
 Lab Sample ID: **0912072-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/02/09 13:50
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank TM2456**
 Lab Sample ID: **0912072-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/02/09 13:50
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank TM2456**
 Lab Sample ID: **0912072-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0914801

Work Order: **0912072**
 Description: Laboratory Services
 Sampled: 12/02/09 13:50
 Sampled By: J. Bacon
 Received: 12/03/09 09:00
 Prepared: 12/07/09 By: DLV
 Analyzed: 12/08/09 By: DLV
 Analytical Batch: 9L08015

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	
<i>Dibromofluoromethane</i>	100	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	100	<i>81-116</i>	
<i>Toluene-d8</i>	97	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0914801 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 12/07/2009 By: DLV

Analytical Batch: 9L08015

trans-1,2-Dichloroethene			<1.0				1.0	
Tetrachloroethene			<1.0				1.0	
Trichloroethene			<1.0				1.0	

Surrogates:

Dibromofluoromethane	96	88-115
1,2-Dichloroethane-d4	96	81-116
Toluene-d8	96	87-113
4-Bromofluorobenzene	95	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/07/2009 By: DLV

Analytical Batch: 9L08015

trans-1,2-Dichloroethene	40.0	39.8	99	85-121		1.0
Tetrachloroethene	40.0	39.8	99	85-115		1.0
Trichloroethene	40.0	38.7	97	80-122		1.0

Surrogates:

Dibromofluoromethane	98	88-115
1,2-Dichloroethane-d4	94	81-116
Toluene-d8	98	87-113
4-Bromofluorobenzene	97	78-116

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
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Analyte: Fractional Organic Carbon/ASTM D 2974-87

QC Batch: 0914710 (Method-Specific Preparation)

Analyzed: 12/12/2009 By: HLB

Method Blank	<0.0010	g C/g Soil	0.0010
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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.



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. **131190**

For Lab Use Only

Analyses Requested

Page 1 of 1

Cart	2
VOA Rack/Tray	9 Blue
Receipt Log No.	1-7
Project Chemist	
Laboratory Project No.	0912072

Client Name	RMT, INC
Address	3754 RANCHERO DR.
Phone	734 971 7080
Fax	734 971 9022

Project Name	TRC TCM/SC4
Client Project No./P.O. No.	8070.07
Invoice No.	
Other Client (comments)	
Contact/Report To	STACY METZ

Container Type (corresponds to Container Packing List)	8260B VOCs Fractional Distillation Carbon
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Test Matrix Group Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	C	M	P	G	R	A	B	Matrix	Number of Containers Submitted	Total	Sample Comments
01	01	MW-255 (51')	TM2456	12/1/09	11:35								GN 2	2	2	
08	02	MW-19D (30-35')		12/2/09	11:40								VS	1	1	
08	03	MW-19S (24-26')		12/2/09	13:50								VS	1	1	
03	04	TRIP BLANK		12/2/09	13:50								W	1	1	

Sampled By (print)	JOHN BACON
Sampler's Signature	
How Shipped?	Hand
Carrier	Fedex
Tracking No.	

1. Relinquished By		Date	12/1/09	Time	13:55
2. Received By		Date		Time	
3. Relinquished By		Date		Time	
4. Received for Lab By		Date	12/3/09	Time	0900

Company RMT, INC



SAMPLE RECEIVING / LOG-IN CHECKLIST

Client RMT, Inc	Project-Submittal No. New / Add To 0912072
Receipt Record Page/Line No. 1-7	Project Chemist Sample Nos.

Coolers Received

Recorded by (initials/date) LR 12-3-09	☒ Cooler ☐ Box ☐ Other	Qty Received 1	☒ IR Gun (#202) Thermometer Used ☐ Digital Thermometer (#54) ☐ See Additional Cooler Information Form ☐ Other (#)
--	--	--------------------------	---

Cooler No. 2456	Time 10:10	
Custody Seals: ☒ None ☐ Present / Intact ☐ Present / Not Intact		
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		
Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container		
Recorded °C	Correction Factor °C	Actual °C
Temp Blank:		
TB location: Representative / Not Representative		
1 8.1		8.1
2 5.4		5.4
3 5.4		5.4
Average °C		
☒ Cooler ID on COC? 6.3		
☐ VOC Trip Blank received?		

Cooler No.	Time	
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact		
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		
Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container		
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 No.	Time	
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact		
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		
Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container		
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 No.	Time	
Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact		
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		
Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container		
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 Nos.
☒ TriMatrix 131190
☐ 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 ₂ SO 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)	

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?
12/3/09 0900	12/3/09 1012	Yes / No

December 29, 2009

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
0912142	12/08/2009	Laboratory Services
0912171	12/09/2009	Laboratory Services
0912192	12/10/2009	Laboratory Services
0912265	12/14/2009	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-22**
 Lab Sample ID: **0912142-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 13:44
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-22**
 Lab Sample ID: **0912142-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 13:44
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-22**
 Lab Sample ID: **0912142-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 13:44
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	10	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
	<i>Dibromofluoromethane</i>	102	<i>88-115</i>
	<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>
	<i>Toluene-d8</i>	100	<i>87-113</i>
	<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-17S**
 Lab Sample ID: **0912142-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 14:47
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-17S**
 Lab Sample ID: **0912142-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 14:47
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-17S**
 Lab Sample ID: **0912142-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 14:47
 Sampled By: J. Bacon
 Received: 12/08/09 08:45
 Prepared: 12/09/09 By: JDM
 Analyzed: 12/09/09 By: JDM
 Analytical Batch: 9L15028

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	
<i>Dibromofluoromethane</i>	102	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>	
<i>Toluene-d8</i>	99	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	94	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-17S**
 Lab Sample ID: **0912142-02**
 Matrix: Water

Work Order: **0912142**
 Description: Laboratory Services
 Sampled: 12/07/09 14:47
 Sampled By: J. Bacon
 Received: 12/08/09 08:45

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	88	1.0	mg/L	1	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.15	0.020	mg/L	1	SM 3500-Fe B 20th	12/08/09	CLD	0914826
Nitrogen, Nitrate	<0.050	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	37	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19D**
 Lab Sample ID: **0912171-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 09:37
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19D**
 Lab Sample ID: **0912171-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 09:37
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19D**
 Lab Sample ID: **0912171-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 09:37
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	105	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	94	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19D**
 Lab Sample ID: **0912171-01**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 09:37
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Alkalinity, Total	320	2.0	mg/L	1	SM 2320 B 20th	12/10/09	CLD	0914914
Chloride	150	2.0	mg/L	2	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	5.0	1.0	mg/L	50	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	<0.050	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	64	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945
Carbon, Total Organic	1.1	1.0	mg/L	1	SM 5310 C 20th	12/15/09	LMA	0915081

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **0912171-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 10:29
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **0912171-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 10:29
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	1.8	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	31	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **0912171-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 10:29
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	107	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	106	<i>81-116</i>	
<i>Toluene-d8</i>	103	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	94	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **0912171-02**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 10:29
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Alkalinity, Total	380	2.0	mg/L	1	SM 2320 B 20th	12/10/09	CLD	0914914
Chloride	140	2.0	mg/L	2	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.073	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	2.9	0.25	mg/L	5	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	32	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945
Carbon, Total Organic	1.0	1.0	mg/L	1	SM 5310 C 20th	12/15/09	LMA	0915081

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24S**
 Lab Sample ID: **0912171-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 12:06
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24S**
 Lab Sample ID: **0912171-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 12:06
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24S**
 Lab Sample ID: **0912171-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 12:06
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	107	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	95	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24S**
 Lab Sample ID: **0912171-03**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 12:06
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Alkalinity, Total	340	2.0	mg/L	1	SM 2320 B 20th	12/10/09	CLD	0914914
Chloride	350	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.13	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	3.3	0.25	mg/L	5	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	93	25	mg/L	5	ASTM D516-90 (02)	12/10/09	GEH	0914945
Carbon, Total Organic	1.6	1.0	mg/L	1	SM 5310 C 20th	12/15/09	LMA	0915081

*See Statement of Data Qualifications

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US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24D**
 Lab Sample ID: **0912171-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 11:30
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24D**
 Lab Sample ID: **0912171-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 11:30
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24D**
 Lab Sample ID: **0912171-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 11:30
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	104	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-24D**
 Lab Sample ID: **0912171-04**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 11:30
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
*Iron, Ferrous	6.4	2.0	mg/L	100	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	<0.050	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	110	25	mg/L	5	ASTM D516-90 (02)	12/10/09	GEH	0914945
Alkalinity, Total	350	2.0	mg/L	1	SM 2320 B 20th	12/10/09	CLD	0914914
Chloride	1100	25	mg/L	25	SM 4500-Cl E 20th	12/10/09	GEH	0914943
Carbon, Total Organic	1.3	1.0	mg/L	1	SM 5310 C 20th	12/15/09	LMA	0915081

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-18S**
 Lab Sample ID: **0912171-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 13:47
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-18S**
 Lab Sample ID: **0912171-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 13:47
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-18S**
 Lab Sample ID: **0912171-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 13:47
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	105	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	101	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-18S**
 Lab Sample ID: **0912171-05**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 13:47
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
*Iron, Ferrous	0.44	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	1.9	0.10	mg/L	2	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	47	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945
Chloride	140	2.0	mg/L	2	SM 4500-Cl E 20th	12/10/09	GEH	0914943

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23**
 Lab Sample ID: **0912171-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 14:35
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23**
 Lab Sample ID: **0912171-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 14:35
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23**
 Lab Sample ID: **0912171-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 14:35
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	3.2	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	
<i>Dibromofluoromethane</i>	107	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	100	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23**
 Lab Sample ID: **0912171-06**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 14:35
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Nitrogen, Nitrate	<0.050	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	63	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945
Chloride	300	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	4.0	1.0	mg/L	50	SM 3500-Fe B 20th	12/09/09	CLD	0914894

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US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **0912171-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 15:26
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

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	<10	10
156-59-2	cis-1,2-Dichloroethene	59	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **0912171-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 15:26
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

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	54	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	840	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

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **0912171-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 15:26
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

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	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	103	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **0912171-07**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 15:26
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Sulfate	46	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945
Chloride	150	2.0	mg/L	2	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.11	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	0.66	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-14S**
 Lab Sample ID: **0912171-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:02
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-14S**
 Lab Sample ID: **0912171-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:02
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-14S**
 Lab Sample ID: **0912171-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:02
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	109	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	106	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-14S**
 Lab Sample ID: **0912171-08**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:02
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	250	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.071	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	0.26	0.050	mg/L	1	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	23	5.0	mg/L	1	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **DUP-01**
 Lab Sample ID: **0912171-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<500	500
107-13-1	Acrylonitrile	<50	50
71-43-2	Benzene	<25	25
108-86-1	Bromobenzene	<25	25
74-97-5	Bromochloromethane	<25	25
75-27-4	Bromodichloromethane	<25	25
75-25-2	Bromoform	<25	25
74-83-9	Bromomethane	<120	120
104-51-8	n-Butylbenzene	<25	25
135-98-8	sec-Butylbenzene	<25	25
98-06-6	tert-Butylbenzene	<25	25
75-15-0	Carbon Disulfide	<25	25
56-23-5	Carbon Tetrachloride	<25	25
108-90-7	Chlorobenzene	<25	25
75-00-3	Chloroethane	<120	120
67-66-3	Chloroform	<25	25
74-87-3	Chloromethane	<120	120
96-12-8	1,2-Dibromo-3-chloropropane	<120	120
124-48-1	Dibromochloromethane	<25	25
106-93-4	1,2-Dibromoethane	<25	25
74-95-3	Dibromomethane	<25	25
110-57-6	trans-1,4-Dichloro-2-butene	<25	25
95-50-1	1,2-Dichlorobenzene	<25	25
541-73-1	1,3-Dichlorobenzene	<25	25
106-46-7	1,4-Dichlorobenzene	<25	25
75-71-8	Dichlorodifluoromethane	<120	120
75-34-3	1,1-Dichloroethane	42	25
107-06-2	1,2-Dichloroethane	<25	25
75-35-4	1,1-Dichloroethene	<25	25
156-59-2	cis-1,2-Dichloroethene	2000	25
156-60-5	trans-1,2-Dichloroethene	73	25

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **DUP-01**
 Lab Sample ID: **0912171-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

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

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **DUP-01**
 Lab Sample ID: **0912171-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	120	25
136777-61-2	Xylene, Meta + Para	<50	50
95-47-6	Xylene, Ortho	<25	25
Surrogates:			
	% Recovery	Control Limits	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	102	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **DUP-01**
 Lab Sample ID: **0912171-09**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	220	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.12	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	2.1	0.25	mg/L	5	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	37	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-35**
 Lab Sample ID: **0912171-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:44
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<500	500
107-13-1	Acrylonitrile	<50	50
71-43-2	Benzene	<25	25
108-86-1	Bromobenzene	<25	25
74-97-5	Bromochloromethane	<25	25
75-27-4	Bromodichloromethane	<25	25
75-25-2	Bromoform	<25	25
74-83-9	Bromomethane	<120	120
104-51-8	n-Butylbenzene	<25	25
135-98-8	sec-Butylbenzene	<25	25
98-06-6	tert-Butylbenzene	<25	25
75-15-0	Carbon Disulfide	<25	25
56-23-5	Carbon Tetrachloride	<25	25
108-90-7	Chlorobenzene	<25	25
75-00-3	Chloroethane	<120	120
67-66-3	Chloroform	<25	25
74-87-3	Chloromethane	<120	120
96-12-8	1,2-Dibromo-3-chloropropane	<120	120
124-48-1	Dibromochloromethane	<25	25
106-93-4	1,2-Dibromoethane	<25	25
74-95-3	Dibromomethane	<25	25
110-57-6	trans-1,4-Dichloro-2-butene	<25	25
95-50-1	1,2-Dichlorobenzene	<25	25
541-73-1	1,3-Dichlorobenzene	<25	25
106-46-7	1,4-Dichlorobenzene	<25	25
75-71-8	Dichlorodifluoromethane	<120	120
75-34-3	1,1-Dichloroethane	46	25
107-06-2	1,2-Dichloroethane	<25	25
75-35-4	1,1-Dichloroethene	<25	25
156-59-2	cis-1,2-Dichloroethene	2200	25
156-60-5	trans-1,2-Dichloroethene	83	25

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-35**
 Lab Sample ID: **0912171-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:44
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

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

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-35**
 Lab Sample ID: **0912171-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 25
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:44
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	130	25
136777-61-2	Xylene, Meta + Para	<50	50
95-47-6	Xylene, Ortho	<25	25
Surrogates:			
	% Recovery	Control Limits	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	102	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-35**
 Lab Sample ID: **0912171-10**
 Matrix: Water

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 16:44
 Sampled By: JB/BR
 Received: 12/09/09 09:30

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	220	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.11	0.020	mg/L	1	SM 3500-Fe B 20th	12/09/09	CLD	0914894
Nitrogen, Nitrate	2.1	0.25	mg/L	5	SM 4500-NO3 F 20th	12/09/09	CKD	0915022
Sulfate	37	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912171-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912171-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912171-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915139

Work Order: **0912171**
 Description: Laboratory Services
 Sampled: 12/08/09 00:00
 Sampled By: JB/BR
 Received: 12/09/09 09:30
 Prepared: 12/12/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17011

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	
<i>Dibromofluoromethane</i>	106	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	101	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-2S**
 Lab Sample ID: **0912192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 09:26
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<40	40
107-13-1	Acrylonitrile	<4.0	4.0
71-43-2	Benzene	<2.0	2.0
108-86-1	Bromobenzene	<2.0	2.0
74-97-5	Bromochloromethane	<2.0	2.0
75-27-4	Bromodichloromethane	<2.0	2.0
75-25-2	Bromoform	<2.0	2.0
74-83-9	Bromomethane	<10	10
104-51-8	n-Butylbenzene	<2.0	2.0
135-98-8	sec-Butylbenzene	<2.0	2.0
98-06-6	tert-Butylbenzene	<2.0	2.0
75-15-0	Carbon Disulfide	<2.0	2.0
56-23-5	Carbon Tetrachloride	<2.0	2.0
108-90-7	Chlorobenzene	<2.0	2.0
75-00-3	Chloroethane	<10	10
67-66-3	Chloroform	<2.0	2.0
74-87-3	Chloromethane	<10	10
96-12-8	1,2-Dibromo-3-chloropropane	<10	10
124-48-1	Dibromochloromethane	<2.0	2.0
106-93-4	1,2-Dibromoethane	<2.0	2.0
74-95-3	Dibromomethane	<2.0	2.0
110-57-6	trans-1,4-Dichloro-2-butene	<2.0	2.0
95-50-1	1,2-Dichlorobenzene	<2.0	2.0
541-73-1	1,3-Dichlorobenzene	<2.0	2.0
106-46-7	1,4-Dichlorobenzene	<2.0	2.0
75-71-8	Dichlorodifluoromethane	<10	10
75-34-3	1,1-Dichloroethane	<2.0	2.0
107-06-2	1,2-Dichloroethane	<2.0	2.0
75-35-4	1,1-Dichloroethene	<2.0	2.0
156-59-2	cis-1,2-Dichloroethene	3.7	2.0
156-60-5	trans-1,2-Dichloroethene	<2.0	2.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-2S**
 Lab Sample ID: **0912192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 09:26
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.0	2.0
10061-01-5	cis-1,3-Dichloropropene	<2.0	2.0
10061-02-6	trans-1,3-Dichloropropene	<2.0	2.0
100-41-4	Ethylbenzene	<2.0	2.0
60-29-7	Ethyl Ether	<10	10
591-78-6	2-Hexanone	<10	10
74-88-4	Iodomethane	<2.0	2.0
98-82-8	Isopropylbenzene	<2.0	2.0
99-87-6	4-Isopropyltoluene	<10	10
1634-04-4	Methyl tert-Butyl Ether	<10	10
75-09-2	Methylene Chloride	<10	10
78-93-3	2-Butanone (MEK)	<10	10
91-57-6	2-Methylnaphthalene	<10	10
108-10-1	4-Methyl-2-pentanone (MIBK)	<10	10
91-20-3	Naphthalene	<10	10
103-65-1	n-Propylbenzene	<2.0	2.0
100-42-5	Styrene	<2.0	2.0
630-20-6	1,1,1,2-Tetrachloroethane	<2.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	<2.0	2.0
127-18-4	Tetrachloroethene	2.7	2.0
109-99-9	Tetrahydrofuran	<10	10
108-88-3	Toluene	<2.0	2.0
87-61-6	1,2,3-Trichlorobenzene	<10	10
120-82-1	1,2,4-Trichlorobenzene	<10	10
71-55-6	1,1,1-Trichloroethane	2.9	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	250	2.0
75-69-4	Trichlorofluoromethane	<2.0	2.0
96-18-4	1,2,3-Trichloropropane	<2.0	2.0
95-63-6	1,2,4-Trimethylbenzene	<2.0	2.0
108-67-8	1,3,5-Trimethylbenzene	<2.0	2.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-2S**
 Lab Sample ID: **0912192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 2
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 09:26
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.0	2.0
136777-61-2	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0
Surrogates:			
	% Recovery	Control Limits	
<i>Dibromofluoromethane</i>	105	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	100	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	89	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 00:00
 Sampled By: TML
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 00:00
 Sampled By: TML
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **0912192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 00:00
 Sampled By: TML
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>	
<i>Toluene-d8</i>	103	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-6S**
 Lab Sample ID: **0912192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 10:15
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-6S**
 Lab Sample ID: **0912192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 10:15
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	37	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-6S**
 Lab Sample ID: **0912192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 10:15
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	105	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-6S**
 Lab Sample ID: **0912192-03**
 Matrix: Water

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 10:15
 Sampled By: J. Bacon
 Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	60	1.0	mg/L	1	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	1.6	0.10	mg/L	5	SM 3500-Fe B 20th	12/10/09	CLD	0914949
*Nitrogen, Nitrate	3.0	0.050	mg/L	1	SM 4500-NO3 F 20th	12/10/09	CKD	0915027
Sulfate	40	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: RMT, Inc. - Ann Arbor Office	Work Order: 0912192
Project: Tecumseh Products	Description: Laboratory Services
Client Sample ID: MW-6S	Sampled: 12/09/09 10:15
Lab Sample ID: 0912192-03RE1	Sampled By: J. Bacon
Matrix: Water	Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
*Nitrogen, Nitrate	3.0	0.25	mg/L	5	SM 4500-NO3 F 20th	12/14/09	HLB	0915038

US EPA ARCHIVE DOCUMENT

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-9S**
 Lab Sample ID: **0912192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 11:02
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-9S**
 Lab Sample ID: **0912192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 11:02
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	150	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	2400	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-9S**
 Lab Sample ID: **0912192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 11:02
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>	
<i>Toluene-d8</i>	105	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-9S**
 Lab Sample ID: **0912192-04**
 Matrix: Water

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 11:02
 Sampled By: J. Bacon
 Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	63	1.0	mg/L	1	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.23	0.020	mg/L	1	SM 3500-Fe B 20th	12/10/09	CLD	0914949
Nitrogen, Nitrate	1.8	0.25	mg/L	5	SM 4500-NO3 F 20th	12/10/09	CKD	0915027
Sulfate	24	5.0	mg/L	1	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-1S**
 Lab Sample ID: **0912192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 12:00
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-1S**
 Lab Sample ID: **0912192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 12:00
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	1000	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	3400	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-1S**
 Lab Sample ID: **0912192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 20
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 12:00
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	101	<i>81-116</i>	
<i>Toluene-d8</i>	103	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	92	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-1S**
 Lab Sample ID: **0912192-05**
 Matrix: Water

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 12:00
 Sampled By: J. Bacon
 Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	34	1.0	mg/L	1	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.31	0.020	mg/L	1	SM 3500-Fe B 20th	12/10/09	CLD	0914949
Nitrogen, Nitrate	3.0	0.25	mg/L	5	SM 4500-NO3 F 20th	12/10/09	CKD	0915027
Sulfate	20	5.0	mg/L	1	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10D**
 Lab Sample ID: **0912192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:13
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10D**
 Lab Sample ID: **0912192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:13
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10D**
 Lab Sample ID: **0912192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:13
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	102	<i>81-116</i>	
<i>Toluene-d8</i>	101	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10D**
 Lab Sample ID: **0912192-06**
 Matrix: Water

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:13
 Sampled By: J. Bacon
 Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Chloride	210	5.0	mg/L	5	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.48	0.040	mg/L	2	SM 3500-Fe B 20th	12/10/09	CLD	0914949
Nitrogen, Nitrate	<0.050	0.050	mg/L	1	SM 4500-NO3 F 20th	12/10/09	CKD	0915027
Sulfate	44	10	mg/L	2	ASTM D516-90 (02)	12/10/09	GEH	0914945

*See Statement of Data Qualifications

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US EPA ARCHIVE DOCUMENT

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10S**
 Lab Sample ID: **0912192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:43
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10S**
 Lab Sample ID: **0912192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:43
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-10S**
 Lab Sample ID: **0912192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 14:43
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	104	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-4S**
 Lab Sample ID: **0912192-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 50
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 15:40
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1000	1000
107-13-1	Acrylonitrile	<100	100
71-43-2	Benzene	<50	50
108-86-1	Bromobenzene	<50	50
74-97-5	Bromochloromethane	<50	50
75-27-4	Bromodichloromethane	<50	50
75-25-2	Bromoform	<50	50
74-83-9	Bromomethane	<250	250
104-51-8	n-Butylbenzene	<50	50
135-98-8	sec-Butylbenzene	<50	50
98-06-6	tert-Butylbenzene	<50	50
75-15-0	Carbon Disulfide	<50	50
56-23-5	Carbon Tetrachloride	<50	50
108-90-7	Chlorobenzene	<50	50
75-00-3	Chloroethane	<250	250
67-66-3	Chloroform	<50	50
74-87-3	Chloromethane	<250	250
96-12-8	1,2-Dibromo-3-chloropropane	<250	250
124-48-1	Dibromochloromethane	<50	50
106-93-4	1,2-Dibromoethane	<50	50
74-95-3	Dibromomethane	<50	50
110-57-6	trans-1,4-Dichloro-2-butene	<50	50
95-50-1	1,2-Dichlorobenzene	<50	50
541-73-1	1,3-Dichlorobenzene	<50	50
106-46-7	1,4-Dichlorobenzene	<50	50
75-71-8	Dichlorodifluoromethane	<250	250
75-34-3	1,1-Dichloroethane	<50	50
107-06-2	1,2-Dichloroethane	<50	50
75-35-4	1,1-Dichloroethene	<50	50
156-59-2	cis-1,2-Dichloroethene	2500	50
156-60-5	trans-1,2-Dichloroethene	90	50

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-4S**
 Lab Sample ID: **0912192-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 50
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 15:40
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<50	50
10061-01-5	cis-1,3-Dichloropropene	<50	50
10061-02-6	trans-1,3-Dichloropropene	<50	50
100-41-4	Ethylbenzene	<50	50
60-29-7	Ethyl Ether	<250	250
591-78-6	2-Hexanone	<250	250
74-88-4	Iodomethane	<50	50
98-82-8	Isopropylbenzene	<50	50
99-87-6	4-Isopropyltoluene	<250	250
1634-04-4	Methyl tert-Butyl Ether	<250	250
75-09-2	Methylene Chloride	<250	250
78-93-3	2-Butanone (MEK)	<250	250
91-57-6	2-Methylnaphthalene	<250	250
108-10-1	4-Methyl-2-pentanone (MIBK)	<250	250
91-20-3	Naphthalene	<250	250
103-65-1	n-Propylbenzene	<50	50
100-42-5	Styrene	<50	50
630-20-6	1,1,1,2-Tetrachloroethane	<50	50
79-34-5	1,1,2,2-Tetrachloroethane	<50	50
127-18-4	Tetrachloroethene	<50	50
109-99-9	Tetrahydrofuran	<250	250
108-88-3	Toluene	<50	50
87-61-6	1,2,3-Trichlorobenzene	<250	250
120-82-1	1,2,4-Trichlorobenzene	<250	250
71-55-6	1,1,1-Trichloroethane	<50	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	7100	50
75-69-4	Trichlorofluoromethane	<50	50
96-18-4	1,2,3-Trichloropropane	<50	50
95-63-6	1,2,4-Trimethylbenzene	<50	50
108-67-8	1,3,5-Trimethylbenzene	<50	50

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-4S**
 Lab Sample ID: **0912192-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 50
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 15:40
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/14/09 By: JDM
 Analyzed: 12/15/09 By: JDM
 Analytical Batch: 9L17014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	270	50
136777-61-2	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50
Surrogates:			
	% Recovery	Control Limits	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	104	<i>81-116</i>	
<i>Toluene-d8</i>	104	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-4S**
 Lab Sample ID: **0912192-08**
 Matrix: Water

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 15:40
 Sampled By: J. Bacon
 Received: 12/10/09 09:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Alkalinity, Total	430	2.0	mg/L	1	SM 2320 B 20th	12/11/09	CLD	0914956
Chloride	100	2.0	mg/L	2	SM 4500-Cl E 20th	12/10/09	GEH	0914943
*Iron, Ferrous	0.079	0.020	mg/L	1	SM 3500-Fe B 20th	12/10/09	CLD	0914949
Nitrogen, Nitrate	6.8	1.0	mg/L	20	SM 4500-NO3 F 20th	12/10/09	CKD	0915027
Sulfate	27	5.0	mg/L	1	ASTM D516-90 (02)	12/10/09	GEH	0914945
Carbon, Total Organic	4.4	1.0	mg/L	1	SM 5310 C 20th	12/15/09	LMA	0915081

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **0912192-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 17:08
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	4.6	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **0912192-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 17:08
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	8.7	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **0912192-09**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 17:08
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	108	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	105	<i>81-116</i>	
<i>Toluene-d8</i>	105	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW#1**
 Lab Sample ID: **0912192-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:39
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW#1**
 Lab Sample ID: **0912192-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:39
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW#1**
 Lab Sample ID: **0912192-10**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:39
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	110	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	105	<i>81-116</i>	
<i>Toluene-d8</i>	103	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW#2**
 Lab Sample ID: **0912192-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:50
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW#2**
 Lab Sample ID: **0912192-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:50
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **STW# 2**
 Lab Sample ID: **0912192-11**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912192**
 Description: Laboratory Services
 Sampled: 12/09/09 08:50
 Sampled By: J. Bacon
 Received: 12/10/09 09:00
 Prepared: 12/11/09 By: JDM
 Analyzed: 12/12/09 By: JDM
 Analytical Batch: 9L17009

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	
<i>Dibromofluoromethane</i>	109	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	102	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	93	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-13S**
 Lab Sample ID: **0912265-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 08:26
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-13S**
 Lab Sample ID: **0912265-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 08:26
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-13S**
 Lab Sample ID: **0912265-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 08:26
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	
<i>Dibromofluoromethane</i>	103	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	102	<i>81-116</i>	
<i>Toluene-d8</i>	100	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-25S**
 Lab Sample ID: **0912265-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 11:03
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	1.7	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	8.8	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-255**
 Lab Sample ID: **0912265-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 11:03
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	4.8	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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-25S**
 Lab Sample ID: **0912265-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 11:03
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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
	<i>Dibromofluoromethane</i>	105	<i>88-115</i>
	<i>1,2-Dichloroethane-d4</i>	104	<i>81-116</i>
	<i>Toluene-d8</i>	99	<i>87-113</i>
	<i>4-Bromofluorobenzene</i>	90	<i>78-116</i>

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-7S**
 Lab Sample ID: **0912265-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 13:49
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-7S**
 Lab Sample ID: **0912265-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 13:49
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	1.8	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	14	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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-7S**
 Lab Sample ID: **0912265-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 13:49
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	
<i>Dibromofluoromethane</i>	106	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	106	<i>81-116</i>	
<i>Toluene-d8</i>	100	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-8S**
 Lab Sample ID: **0912265-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:05
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-8S**
 Lab Sample ID: **0912265-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:05
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	11	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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-8S**
 Lab Sample ID: **0912265-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:05
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	
<i>Dibromofluoromethane</i>	105	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	100	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	90	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-5S**
 Lab Sample ID: **0912265-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:46
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-5S**
 Lab Sample ID: **0912265-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:46
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	5.3	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	190	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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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-5S**
 Lab Sample ID: **0912265-08**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915140

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/10/09 15:46
 Sampled By: JB
 Received: 12/14/09 17:30
 Prepared: 12/17/09 By: JDM
 Analyzed: 12/17/09 By: JDM
 Analytical Batch: 9L22022

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	
<i>Dibromofluoromethane</i>	105	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	103	<i>81-116</i>	
<i>Toluene-d8</i>	102	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	91	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **615 Mohawk**
 Lab Sample ID: **0912265-10**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 09:50
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2

CAS Number	Analyte	Analytical Result	RL
71-43-2	Benzene	<0.0010	0.0010
108-86-1	Bromobenzene	<0.0010	0.0010
75-27-4	Bromodichloromethane	<0.0010	0.0010
75-25-2	Bromoform	<0.0010	0.0010
74-83-9	Bromomethane	<0.0010	0.0010
56-23-5	Carbon Tetrachloride	<0.0010	0.0010
108-90-7	Chlorobenzene	<0.0010	0.0010
75-00-3	Chloroethane	<0.0010	0.0010
67-66-3	Chloroform	<0.0010	0.0010
74-87-3	Chloromethane	<0.0010	0.0010
95-49-8	2-Chlorotoluene	<0.0010	0.0010
106-43-4	4-Chlorotoluene	<0.0010	0.0010
124-48-1	Dibromochloromethane	<0.0010	0.0010
74-95-3	Dibromomethane	<0.0010	0.0010
95-50-1	1,2-Dichlorobenzene	<0.0010	0.0010
541-73-1	1,3-Dichlorobenzene	<0.0010	0.0010
106-46-7	1,4-Dichlorobenzene	<0.0010	0.0010
75-71-8	Dichlorodifluoromethane	<0.0010	0.0010
75-34-3	1,1-Dichloroethane	<0.0010	0.0010
107-06-2	1,2-Dichloroethane	<0.0010	0.0010
75-35-4	1,1-Dichloroethene	<0.0010	0.0010
156-59-2	cis-1,2-Dichloroethene	<0.0010	0.0010
156-60-5	trans-1,2-Dichloroethene	<0.0010	0.0010
78-87-5	1,2-Dichloropropane	<0.0010	0.0010
142-28-9	1,3-Dichloropropane	<0.0010	0.0010
594-20-7	2,2-Dichloropropane	<0.0010	0.0010
563-58-6	1,1-Dichloropropene	<0.0010	0.0010
10061-01-5	cis-1,3-Dichloropropene	<0.0010	0.0010
10061-02-6	trans-1,3-Dichloropropene	<0.0010	0.0010
100-41-4	Ethylbenzene	<0.0010	0.0010
75-09-2	Methylene Chloride	<0.0050	0.0050

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **615 Mohawk**
 Lab Sample ID: **0912265-10**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 09:50
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2 (Continued)

CAS Number	Analyte	Analytical Result	RL
100-42-5	Styrene	<0.0010	0.0010
630-20-6	1,1,1,2-Tetrachloroethane	<0.0010	0.0010
79-34-5	1,1,2,2-Tetrachloroethane	<0.0010	0.0010
127-18-4	Tetrachloroethene	<0.0010	0.0010
108-88-3	Toluene	<0.0010	0.0010
120-82-1	1,2,4-Trichlorobenzene	<0.0010	0.0010
71-55-6	1,1,1-Trichloroethane	<0.0010	0.0010
79-00-5	1,1,2-Trichloroethane	<0.0010	0.0010
79-01-6	Trichloroethene	<0.0010	0.0010
75-69-4	Trichlorofluoromethane	<0.0010	0.0010
96-18-4	1,2,3-Trichloropropane	<0.0010	0.0010
75-01-4	Vinyl Chloride	<0.0010	0.0010
1330-20-7	Xylene (Total)	<0.0030	0.0030
Surrogates:			
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>82-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>110</i>	<i>75-128</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>88-108</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-114</i>

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **611 Mohawk**
 Lab Sample ID: **0912265-11**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 10:10
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2

CAS Number	Analyte	Analytical Result	RL
71-43-2	Benzene	<0.0010	0.0010
108-86-1	Bromobenzene	<0.0010	0.0010
75-27-4	Bromodichloromethane	<0.0010	0.0010
75-25-2	Bromoform	<0.0010	0.0010
74-83-9	Bromomethane	<0.0010	0.0010
56-23-5	Carbon Tetrachloride	<0.0010	0.0010
108-90-7	Chlorobenzene	<0.0010	0.0010
75-00-3	Chloroethane	<0.0010	0.0010
67-66-3	Chloroform	<0.0010	0.0010
74-87-3	Chloromethane	<0.0010	0.0010
95-49-8	2-Chlorotoluene	<0.0010	0.0010
106-43-4	4-Chlorotoluene	<0.0010	0.0010
124-48-1	Dibromochloromethane	<0.0010	0.0010
74-95-3	Dibromomethane	<0.0010	0.0010
95-50-1	1,2-Dichlorobenzene	<0.0010	0.0010
541-73-1	1,3-Dichlorobenzene	<0.0010	0.0010
106-46-7	1,4-Dichlorobenzene	<0.0010	0.0010
75-71-8	Dichlorodifluoromethane	<0.0010	0.0010
75-34-3	1,1-Dichloroethane	<0.0010	0.0010
107-06-2	1,2-Dichloroethane	<0.0010	0.0010
75-35-4	1,1-Dichloroethene	<0.0010	0.0010
156-59-2	cis-1,2-Dichloroethene	<0.0010	0.0010
156-60-5	trans-1,2-Dichloroethene	<0.0010	0.0010
78-87-5	1,2-Dichloropropane	<0.0010	0.0010
142-28-9	1,3-Dichloropropane	<0.0010	0.0010
594-20-7	2,2-Dichloropropane	<0.0010	0.0010
563-58-6	1,1-Dichloropropene	<0.0010	0.0010
10061-01-5	cis-1,3-Dichloropropene	<0.0010	0.0010
10061-02-6	trans-1,3-Dichloropropene	<0.0010	0.0010
100-41-4	Ethylbenzene	<0.0010	0.0010
75-09-2	Methylene Chloride	<0.0050	0.0050

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **611 Mohawk**
 Lab Sample ID: **0912265-11**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 10:10
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2 (Continued)

CAS Number	Analyte	Analytical Result	RL
100-42-5	Styrene	<0.0010	0.0010
630-20-6	1,1,1,2-Tetrachloroethane	<0.0010	0.0010
79-34-5	1,1,2,2-Tetrachloroethane	<0.0010	0.0010
127-18-4	Tetrachloroethene	<0.0010	0.0010
108-88-3	Toluene	<0.0010	0.0010
120-82-1	1,2,4-Trichlorobenzene	<0.0010	0.0010
71-55-6	1,1,1-Trichloroethane	<0.0010	0.0010
79-00-5	1,1,2-Trichloroethane	<0.0010	0.0010
79-01-6	Trichloroethene	<0.0010	0.0010
75-69-4	Trichlorofluoromethane	<0.0010	0.0010
96-18-4	1,2,3-Trichloropropane	<0.0010	0.0010
75-01-4	Vinyl Chloride	<0.0010	0.0010
1330-20-7	Xylene (Total)	<0.0030	0.0030
Surrogates:			
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>82-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>110</i>	<i>75-128</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>88-108</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-114</i>

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **607 Mohawk**
 Lab Sample ID: **0912265-12**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 10:45
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2

CAS Number	Analyte	Analytical Result	RL
71-43-2	Benzene	<0.0010	0.0010
108-86-1	Bromobenzene	<0.0010	0.0010
75-27-4	Bromodichloromethane	<0.0010	0.0010
75-25-2	Bromoform	<0.0010	0.0010
74-83-9	Bromomethane	<0.0010	0.0010
56-23-5	Carbon Tetrachloride	<0.0010	0.0010
108-90-7	Chlorobenzene	<0.0010	0.0010
75-00-3	Chloroethane	<0.0010	0.0010
67-66-3	Chloroform	<0.0010	0.0010
74-87-3	Chloromethane	<0.0010	0.0010
95-49-8	2-Chlorotoluene	<0.0010	0.0010
106-43-4	4-Chlorotoluene	<0.0010	0.0010
124-48-1	Dibromochloromethane	<0.0010	0.0010
74-95-3	Dibromomethane	<0.0010	0.0010
95-50-1	1,2-Dichlorobenzene	<0.0010	0.0010
541-73-1	1,3-Dichlorobenzene	<0.0010	0.0010
106-46-7	1,4-Dichlorobenzene	<0.0010	0.0010
75-71-8	Dichlorodifluoromethane	<0.0010	0.0010
75-34-3	1,1-Dichloroethane	<0.0010	0.0010
107-06-2	1,2-Dichloroethane	<0.0010	0.0010
75-35-4	1,1-Dichloroethene	<0.0010	0.0010
156-59-2	cis-1,2-Dichloroethene	<0.0010	0.0010
156-60-5	trans-1,2-Dichloroethene	<0.0010	0.0010
78-87-5	1,2-Dichloropropane	<0.0010	0.0010
142-28-9	1,3-Dichloropropane	<0.0010	0.0010
594-20-7	2,2-Dichloropropane	<0.0010	0.0010
563-58-6	1,1-Dichloropropene	<0.0010	0.0010
10061-01-5	cis-1,3-Dichloropropene	<0.0010	0.0010
10061-02-6	trans-1,3-Dichloropropene	<0.0010	0.0010
100-41-4	Ethylbenzene	<0.0010	0.0010
75-09-2	Methylene Chloride	<0.0050	0.0050

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **607 Mohawk**
 Lab Sample ID: **0912265-12**
 Matrix: Water
 Unit: mg/L
 Dilution Factor: 1
 QC Batch: 0915307

Work Order: **0912265**
 Description: Laboratory Services
 Sampled: 12/11/09 10:45
 Sampled By: J. Bacon
 Received: 12/14/09 17:30
 Prepared: 12/22/09 By: DLV
 Analyzed: 12/22/09 By: DLV
 Analytical Batch: 9L22026

Volatile Organic Compounds in Drinking Water by EPA Method 524.2 (Continued)

CAS Number	Analyte	Analytical Result	RL
100-42-5	Styrene	<0.0010	0.0010
630-20-6	1,1,1,2-Tetrachloroethane	<0.0010	0.0010
79-34-5	1,1,2,2-Tetrachloroethane	<0.0010	0.0010
127-18-4	Tetrachloroethene	<0.0010	0.0010
108-88-3	Toluene	<0.0010	0.0010
120-82-1	1,2,4-Trichlorobenzene	<0.0010	0.0010
71-55-6	1,1,1-Trichloroethane	<0.0010	0.0010
79-00-5	1,1,2-Trichloroethane	<0.0010	0.0010
79-01-6	Trichloroethene	<0.0010	0.0010
75-69-4	Trichlorofluoromethane	<0.0010	0.0010
96-18-4	1,2,3-Trichloropropane	<0.0010	0.0010
75-01-4	Vinyl Chloride	<0.0010	0.0010
1330-20-7	Xylene (Total)	<0.0030	0.0030
Surrogates:			
	<i>Dibromofluoromethane</i>	<i>109</i>	<i>82-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>111</i>	<i>75-128</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>88-108</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-114</i>

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0915063 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 12/09/2009 By: JDM

Analytical Batch: 9L15028

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

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
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QC Batch: 0915063 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/09/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L15028

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:

<i>Dibromofluoromethane</i>	105	88-115
<i>1,2-Dichloroethane-d4</i>	102	81-116
<i>Toluene-d8</i>	100	87-113
<i>4-Bromofluorobenzene</i>	95	78-116

Laboratory Control Sample

Analyzed: 12/09/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L15028

Benzene	40.0	38.2	95	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
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QC Batch: 0915063 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 12/09/2009 By: JDM

Analytical Batch: 9L15028

Chlorobenzene	40.0	38.8	97	88-114		1.0
1,1-Dichloroethene	40.0	39.1	98	81-125		1.0
Toluene	40.0	38.5	96	87-123		1.0
Trichloroethene	40.0	38.8	97	80-122		1.0

Surrogates:

<i>Dibromofluoromethane</i>		103	88-115
<i>1,2-Dichloroethane-d4</i>		97	81-116
<i>Toluene-d8</i>		101	87-113
<i>4-Bromofluorobenzene</i>		100	78-116

Laboratory Control Sample Duplicate

Unit: ug/L

Analyzed: 12/09/2009 By: JDM

Analytical Batch: 9L15028

Benzene	40.0	38.2	95	86-122	0.03	20	1.0
Chlorobenzene	40.0	39.1	98	88-114	1	20	1.0
1,1-Dichloroethene	40.0	39.2	98	81-125	0.2	20	1.0
Toluene	40.0	38.2	95	87-123	0.8	20	1.0
Trichloroethene	40.0	39.2	98	80-122	0.9	20	1.0

Surrogates:

<i>Dibromofluoromethane</i>		101	88-115
<i>1,2-Dichloroethane-d4</i>		97	81-116
<i>Toluene-d8</i>		100	87-113
<i>4-Bromofluorobenzene</i>		102	78-116

QC Batch: 0915139 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 12/12/2009 By: JDM

Analytical Batch: 9L17011

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

Continued on next page

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
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QC Batch: 0915139 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/12/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17011

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
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

Continued on next page

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
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QC Batch: 0915139 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/12/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17011

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:

<i>Dibromofluoromethane</i>	107	88-115
<i>1,2-Dichloroethane-d4</i>	104	81-116
<i>Toluene-d8</i>	103	87-113
<i>4-Bromofluorobenzene</i>	94	78-116

Method Blank

Analyzed: 12/14/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17014

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

Continued on next page

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
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QC Batch: 0915139 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/14/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17014

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
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

Continued on next page

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
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QC Batch: 0915139 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/14/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17014

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:

<i>Dibromofluoromethane</i>	105	88-115
<i>1,2-Dichloroethane-d4</i>	101	81-116
<i>Toluene-d8</i>	103	87-113
<i>4-Bromofluorobenzene</i>	95	78-116

Laboratory Control Sample

Analyzed: 12/12/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17011

Benzene	40.0	39.8	99	86-122		1.0
Chlorobenzene	40.0	39.6	99	88-114		1.0
1,1-Dichloroethene	40.0	40.4	101	81-125		1.0
Toluene	40.0	40.6	101	87-123		1.0
Trichloroethene	40.0	39.6	99	80-122		1.0

Surrogates:

<i>Dibromofluoromethane</i>	105	88-115
<i>1,2-Dichloroethane-d4</i>	97	81-116

Continued on next page

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
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QC Batch: 0915139 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 12/12/2009 By: JDM

Analytical Batch: 9L17011

Surrogates (Continued):

<i>Toluene-d8</i>	104	87-113
<i>4-Bromofluorobenzene</i>	105	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/14/2009 By: JDM

Analytical Batch: 9L17014

Benzene	40.0	41.5	104	86-122		1.0
Chlorobenzene	40.0	41.1	103	88-114		1.0
1,1-Dichloroethene	40.0	43.9	110	81-125		1.0
Toluene	40.0	42.2	105	87-123		1.0
Trichloroethene	40.0	41.3	103	80-122		1.0

Surrogates:

<i>Dibromofluoromethane</i>	104	88-115
<i>1,2-Dichloroethane-d4</i>	94	81-116
<i>Toluene-d8</i>	102	87-113
<i>4-Bromofluorobenzene</i>	103	78-116

Laboratory Control Sample Duplicate

Unit: ug/L

Analyzed: 12/12/2009 By: JDM

Analytical Batch: 9L17011

Benzene	40.0	41.0	102	86-122	3	20	1.0
Chlorobenzene	40.0	40.4	101	88-114	2	20	1.0
1,1-Dichloroethene	40.0	44.1	110	81-125	9	20	1.0
Toluene	40.0	41.4	103	87-123	2	20	1.0
Trichloroethene	40.0	44.8	112	80-122	12	20	1.0

Surrogates:

<i>Dibromofluoromethane</i>	104	88-115
<i>1,2-Dichloroethane-d4</i>	97	81-116
<i>Toluene-d8</i>	102	87-113
<i>4-Bromofluorobenzene</i>	104	78-116

QC Batch: 0915140 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 12/11/2009 By: JDM

Analytical Batch: 9L17009

Acetone	<20	20
Acrylonitrile	<2.0	2.0
Benzene	<1.0	1.0

Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/11/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17009

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
Iodomethane	<1.0	1.0
Isopropylbenzene	<1.0	1.0

Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 12/11/2009 By: JDM

Analytical Batch: 9L17009

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:

<i>Dibromofluoromethane</i>	106	88-115
<i>1,2-Dichloroethane-d4</i>	102	81-116
<i>Toluene-d8</i>	102	87-113
<i>4-Bromofluorobenzene</i>	92	78-116

Method Blank

Unit: ug/L

Analyzed: 12/14/2009 By: JDM

Analytical Batch: 9L17014

Acetone	<20	20
Acrylonitrile	<2.0	2.0

Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/14/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17014

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
Iodomethane	<1.0	1.0

Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/14/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17014

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:

<i>Dibromofluoromethane</i>	<i>105</i>	<i>88-115</i>
<i>1,2-Dichloroethane-d4</i>	<i>101</i>	<i>81-116</i>
<i>Toluene-d8</i>	<i>103</i>	<i>87-113</i>
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>78-116</i>

Method Blank

Analyzed: 12/17/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L22022

Acetone	<20	20
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Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/17/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L22022

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

Continued on next page

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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/17/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L22022

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:

<i>Dibromofluoromethane</i>	105	88-115
<i>1,2-Dichloroethane-d4</i>	102	81-116
<i>Toluene-d8</i>	100	87-113
<i>4-Bromofluorobenzene</i>	91	78-116

Laboratory Control Sample

Analyzed: 12/11/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17009

Benzene	40.0	42.0	105	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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 12/11/2009 By: JDM

Analytical Batch: 9L17009

Chlorobenzene	40.0	42.6	107	88-114	1.0
1,1-Dichloroethene	40.0	44.6	111	81-125	1.0
Toluene	40.0	42.7	107	87-123	1.0
Trichloroethene	40.0	42.6	106	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	105	88-115
<i>1,2-Dichloroethane-d4</i>	96	81-116
<i>Toluene-d8</i>	103	87-113
<i>4-Bromofluorobenzene</i>	104	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/14/2009 By: JDM

Analytical Batch: 9L17014

Benzene	40.0	41.5	104	86-122	1.0
Chlorobenzene	40.0	41.1	103	88-114	1.0
1,1-Dichloroethene	40.0	43.9	110	81-125	1.0
Toluene	40.0	42.2	105	87-123	1.0
Trichloroethene	40.0	41.3	103	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	104	88-115
<i>1,2-Dichloroethane-d4</i>	94	81-116
<i>Toluene-d8</i>	102	87-113
<i>4-Bromofluorobenzene</i>	103	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/17/2009 By: JDM

Analytical Batch: 9L22022

Benzene	40.0	40.1	100	86-122	1.0
Chlorobenzene	40.0	40.8	102	88-114	1.0
1,1-Dichloroethene	40.0	42.5	106	81-125	1.0
Toluene	40.0	40.4	101	87-123	1.0
Trichloroethene	40.0	39.1	98	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	101	88-115
<i>1,2-Dichloroethane-d4</i>	95	81-116
<i>Toluene-d8</i>	100	87-113
<i>4-Bromofluorobenzene</i>	102	78-116

Laboratory Control Sample Duplicate

Unit: ug/L

Analyzed: 12/11/2009 By: JDM

Analytical Batch: 9L17009

Benzene	40.0	43.2	108	86-122	3	20	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
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QC Batch: 0915140 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample Duplicate (Continued)

Analyzed: 12/11/2009 By: JDM

Unit: ug/L

Analytical Batch: 9L17009

Chlorobenzene	40.0	41.6	104	88-114	2	20	1.0
1,1-Dichloroethene	40.0	46.4	116	81-125	4	20	1.0
Toluene	40.0	43.6	109	87-123	2	20	1.0
Trichloroethene	40.0	45.9	115	80-122	7	20	1.0

Surrogates:

<i>Dibromofluoromethane</i>	<i>104</i>	<i>88-115</i>
<i>1,2-Dichloroethane-d4</i>	<i>95</i>	<i>81-116</i>
<i>Toluene-d8</i>	<i>103</i>	<i>87-113</i>
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-116</i>

US EPA ARCHIVE DOCUMENT

QUALITY CONTROL REPORT

Volatile Organic Compounds in Drinking Water by EPA Method 524.2

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0915307 5030B Aqueous Purge & Trap/USEPA-524.2

Method Blank	Analyzed:	12/22/2009	By: DLV
Unit: mg/L	Analytical Batch:	9L22026	

Benzene	<0.0010	0.0010
Bromobenzene	<0.0010	0.0010
Bromodichloromethane	<0.0010	0.0010
Bromoform	<0.0010	0.0010
Bromomethane	<0.0010	0.0010
Carbon Tetrachloride	<0.0010	0.0010
Chlorobenzene	<0.0010	0.0010
Chloroethane	<0.0010	0.0010
Chloroform	<0.0010	0.0010
Chloromethane	<0.0010	0.0010
2-Chlorotoluene	<0.0010	0.0010
4-Chlorotoluene	<0.0010	0.0010
Dibromochloromethane	<0.0010	0.0010
Dibromomethane	<0.0010	0.0010
1,2-Dichlorobenzene	<0.0010	0.0010
1,3-Dichlorobenzene	<0.0010	0.0010
1,4-Dichlorobenzene	<0.0010	0.0010
1,1-Dichloroethane	<0.0010	0.0010
1,2-Dichloroethane	<0.0010	0.0010
1,1-Dichloroethene	<0.0010	0.0010
cis-1,2-Dichloroethene	<0.0010	0.0010
trans-1,2-Dichloroethene	<0.0010	0.0010
1,2-Dichloropropane	<0.0010	0.0010
1,3-Dichloropropane	<0.0010	0.0010
2,2-Dichloropropane	<0.0010	0.0010
1,1-Dichloropropene	<0.0010	0.0010
cis-1,3-Dichloropropene	<0.0010	0.0010
trans-1,3-Dichloropropene	<0.0010	0.0010
Ethylbenzene	<0.0010	0.0010
Methylene Chloride	<0.0050	0.0050
Styrene	<0.0010	0.0010
1,1,1,2-Tetrachloroethane	<0.0010	0.0010
1,1,2,2-Tetrachloroethane	<0.0010	0.0010
Tetrachloroethene	<0.0010	0.0010
Toluene	<0.0010	0.0010
1,2,4-Trichlorobenzene	<0.0010	0.0010

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QUALITY CONTROL REPORT

Volatile Organic Compounds in Drinking Water by EPA Method 524.2 (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0915307 (Continued) 5030B Aqueous Purge & Trap/USEPA-524.2

Method Blank (Continued)

Unit: mg/L

Analyzed: 12/22/2009 By: DLV

Analytical Batch: 9L22026

1,1,1-Trichloroethane			<0.0010				0.0010	
1,1,2-Trichloroethane			<0.0010				0.0010	
Trichloroethene			<0.0010				0.0010	
1,2,3-Trichloropropane			<0.0010				0.0010	
Vinyl Chloride			<0.0010				0.0010	
Xylene (Total)			<0.0030				0.0030	

Method Blank

Unit: ug/L

Analyzed: 12/22/2009 By: DLV

Analytical Batch: 9L22026

Surrogates:

Dibromofluoromethane	107	82-118
1,2-Dichloroethane-d4	109	75-128
Toluene-d8	100	88-108
4-Bromofluorobenzene	96	82-114

Laboratory Control Sample

Unit: mg/L

Analyzed: 12/22/2009 By: DLV

Analytical Batch: 9L22026

Benzene	0.0100	0.0103	103	70-130	0.0010
Bromobenzene	0.0100	0.00964	96	70-130	0.0010
Bromodichloromethane	0.0100	0.0108	108	70-130	0.0010
Bromoform	0.0100	0.0100	100	70-130	0.0010
Bromomethane	0.0100	0.0114	114	70-130	0.0010
Carbon Tetrachloride	0.0100	0.0115	115	70-130	0.0010
Chlorobenzene	0.0100	0.0102	102	70-130	0.0010
Chloroethane	0.0100	0.0101	101	70-130	0.0010
Chloroform	0.0100	0.0103	103	70-130	0.0010
Chloromethane	0.0100	0.0100	100	70-130	0.0010
2-Chlorotoluene	0.0100	0.0100	100	70-130	0.0010
4-Chlorotoluene	0.0100	0.0105	105	70-130	0.0010
Dibromochloromethane	0.0100	0.0102	102	70-130	0.0010
Dibromomethane	0.0100	0.0100	100	70-130	0.0010
1,2-Dichlorobenzene	0.0100	0.0101	101	70-130	0.0010
1,3-Dichlorobenzene	0.0100	0.0102	102	70-130	0.0010
1,4-Dichlorobenzene	0.0100	0.00975	98	70-130	0.0010
1,1-Dichloroethane	0.0100	0.0100	100	70-130	0.0010
1,2-Dichloroethane	0.0100	0.0103	103	70-130	0.0010
1,1-Dichloroethene	0.0100	0.0108	108	70-130	0.0010

Continued on next page

QUALITY CONTROL REPORT

Volatile Organic Compounds in Drinking Water by EPA Method 524.2 (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0915307 (Continued) 5030B Aqueous Purge & Trap/USEPA-524.2

Laboratory Control Sample (Continued)

Unit: mg/L

Analyzed: 12/22/2009 By: DLV

Analytical Batch: 9L22026

cis-1,2-Dichloroethene	0.0100	0.00990	99	70-130	0.0010
trans-1,2-Dichloroethene	0.0100	0.0108	108	70-130	0.0010
1,2-Dichloropropane	0.0100	0.0101	101	70-130	0.0010
1,3-Dichloropropane	0.0100	0.0103	103	70-130	0.0010
2,2-Dichloropropane	0.0100	0.0114	114	70-130	0.0010
1,1-Dichloropropene	0.0100	0.0104	104	70-130	0.0010
cis-1,3-Dichloropropene	0.0100	0.00966	97	70-130	0.0010
trans-1,3-Dichloropropene	0.0100	0.00985	98	70-130	0.0010
Ethylbenzene	0.0100	0.0104	104	70-130	0.0010
Methylene Chloride	0.0100	0.0107	107	70-130	0.0050
Styrene	0.0100	0.00950	95	70-130	0.0010
1,1,1,2-Tetrachloroethane	0.0100	0.0111	111	70-130	0.0010
1,1,2,2-Tetrachloroethane	0.0100	0.00930	93	70-130	0.0010
Tetrachloroethene	0.0100	0.0106	106	70-130	0.0010
Toluene	0.0100	0.00999	100	70-130	0.0010
1,2,4-Trichlorobenzene	0.0100	0.00979	98	70-130	0.0010
1,1,1-Trichloroethane	0.0100	0.0109	109	70-130	0.0010
1,1,2-Trichloroethane	0.0100	0.00963	96	70-130	0.0010
Trichloroethene	0.0100	0.00976	98	70-130	0.0010
1,2,3-Trichloropropane	0.0100	0.00957	96	70-130	0.0010
Vinyl Chloride	0.0100	0.00980	98	70-130	0.0010
Xylene (Total)	0.0300	0.0309	103	70-130	0.0030

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/22/2009 By: DLV

Analytical Batch: 9L22026

Surrogates:

<i>Dibromofluoromethane</i>	103	82-118
<i>1,2-Dichloroethane-d4</i>	104	75-128
<i>Toluene-d8</i>	101	88-108
<i>4-Bromofluorobenzene</i>	102	82-114

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
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Analyte: Alkalinity, Total/SM 2320 B 20th

QC Batch: 0914914 (General Inorganic Prep) Analyzed: 12/10/2009 By: CLD

Method Blank			<2.0	mg/L					2.0
Laboratory Control Sample		238	236	mg/L	99	91-110			2.0

QC Batch: 0914956 (General Inorganic Prep) Analyzed: 12/11/2009 By: CLD

Method Blank			<2.0	mg/L					2.0
Laboratory Control Sample		238	236	mg/L	99	91-110			2.0

0912192-08 [MW-4S]

Matrix Spike	434	238	660	mg/L	95	82-121			2.0
Duplicate	434		424	mg/L			2	20	2.0

Analyte: Carbon, Total Organic/SM 5310 C 20th

QC Batch: 0915081 (General Inorganic Prep) Analyzed: 12/15/2009 By: LMA

Method Blank			<1.0	mg/L					1.0
Laboratory Control Sample		40.0	38.0	mg/L	95	87-111			1.0

Analyte: Chloride/SM 4500-Cl E 20th

QC Batch: 0914943 (General Inorganic Prep) Analyzed: 12/10/2009 By: GEH

Method Blank			<1.0	mg/L					1.0
Laboratory Control Sample		50.0	49.3	mg/L	99	92-109			1.0

Analyte: Iron, Ferrous/SM 3500-Fe B 20th

QC Batch: 0914826 (General Inorganic Prep) Analyzed: 12/08/2009 By: CLD

Method Blank			<0.020	mg/L					0.020
Laboratory Control Sample		0.320	0.334	mg/L	104	80-120			0.020

0912142-02 [MW-17S]

Matrix Spike	0.151	1.60	2.21	mg/L	129	68-131			0.10
Matrix Spike Duplicate	0.151	1.60	2.20	mg/L	128	68-131	0.6	20	0.10

QC Batch: 0914894 (General Inorganic Prep) Analyzed: 12/09/2009 By: CLD

Method Blank			<0.020	mg/L					0.020
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Continued on next page

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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Analyte: Iron, Ferrous/SM 3500-Fe B 20th (Continued)

QC Batch: 0914894 (Continued) (General Inorganic Prep)

Analyzed: 12/09/2009 By: CLD

Laboratory Control Sample		0.320	0.345	mg/L	108	80-120			0.020
0912171-02 [MW-19S]									
Matrix Spike	0.0732	0.320	0.404	mg/L	103	68-131			0.020
Matrix Spike Duplicate	0.0732	0.320	0.417	mg/L	108	68-131	3	20	0.020

QC Batch: 0914949 (General Inorganic Prep)

Analyzed: 12/10/2009 By: CLD

Method Blank			<0.020	mg/L					0.020
Laboratory Control Sample		0.320	0.329	mg/L	103	80-120			0.020
0912192-04 [MW-9S]									
Matrix Spike	0.228	8.00	9.19	mg/L	112	68-131			0.50
Matrix Spike Duplicate	0.228	8.00	9.22	mg/L	112	68-131	0.4	20	0.50

Analyte: Nitrogen, Nitrate/SM 4500-NO3 F 20th

QC Batch: 0915022 (Method-Specific Preparation)

Analyzed: 12/09/2009 By: CKD

Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.500	0.495	mg/L	99	90-110			0.050
0912142-02 [MW-17S]									
Matrix Spike	0.0182	0.500	0.527	mg/L	102	90-110			0.050
Matrix Spike Duplicate	0.0182	0.500	0.516	mg/L	100	90-110	2	20	0.050

QC Batch: 0915027 (Method-Specific Preparation)

Analyzed: 12/10/2009 By: CKD

Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.500	0.503	mg/L	101	90-110			0.050
0912192-08 [MW-4S]									
Matrix Spike	6.84	10.0	16.8	mg/L	100	90-110			1.0
Matrix Spike Duplicate	6.84	10.0	16.7	mg/L	98	90-110	0.9	20	1.0

QC Batch: 0915038 (Method-Specific Preparation)

Analyzed: 12/14/2009 By: CKD

Method Blank			<0.050	mg/L					0.050
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.500	0.522	mg/L	104	90-110			0.050

Continued on next page

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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Analyte: Nitrogen, Nitrate/SM 4500-NO3 F 20th (Continued)

QC Batch: 0915038 (Continued) (Method-Specific Preparation)

Analyzed: 12/14/2009 By: CKD

Laboratory Control Sample	0.500	0.506	mg/L	101	90-110	0.050
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Analyte: Sulfate/ASTM D516-90 (02)

QC Batch: 0914945 (General Inorganic Prep)

Analyzed: 12/10/2009 By: GEH

Method Blank		<5.0	mg/L			5.0
Laboratory Control Sample	20.0	20.2	mg/L	101	88-116	5.0

STATEMENT OF DATA QUALIFICATIONS

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Qualification: The sample was originally analyzed within hold but required a dilution which was analyzed outside of holding time. Both results are reported.

Analysis: SM 4500-NO3 F 20th

Sample/Analyte: 0912192-03RE1 MW-6S Nitrogen, Nitrate

Qualification: The result for this analyte was above the linear range of the initial calibration curve and must be considered as estimated.

Analysis: SM 4500-NO3 F 20th

Sample/Analyte: 0912192-03 MW-6S Nitrogen, Nitrate

Qualification: The referenced method requires analysis occur immediately after sample collection. Since the analysis was not performed in the field, the reported result is considered estimated.

Analysis: SM 3500-Fe B 20th

Sample/Analyte: 0912142-02 MW-17S	Iron, Ferrous
0912171-01 MW-19D	Iron, Ferrous
0912171-02 MW-19S	Iron, Ferrous
0912171-03 MW-24S	Iron, Ferrous
0912171-04 MW-24D	Iron, Ferrous
0912171-05 MW-18S	Iron, Ferrous
0912171-06 MW-23	Iron, Ferrous
0912171-07 MW-21	Iron, Ferrous
0912171-08 MW-14S	Iron, Ferrous
0912171-09 DUP-01	Iron, Ferrous
0912171-10 MW-35	Iron, Ferrous
0912192-03 MW-6S	Iron, Ferrous
0912192-04 MW-9S	Iron, Ferrous
0912192-05 MW-1S	Iron, Ferrous
0912192-06 MW-10D	Iron, Ferrous
0912192-08 MW-4S	Iron, Ferrous

Chain of Custody Record

COC No. 131298

For Lab Use Only

3

525R

5.1

912142

Test Group	Matrix Code	Laboratory Sample Number
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070

0

10

Sampled By (print)

JOHN H. BAC

Company _____

KMT, Inc.

Analyses Requested

Page 1 of 1

[illegible]

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

Total	Sample Comments
100%	100%

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>12
 G MeOH
 H Other (note below)

Meridians: $11^{\circ} 45' N$ and $15^{\circ} 45' N$ (570 m) square center tower

6/14/11

Div	Date	Time	3. Return/Withdrawal By	Date	Time
-----	------	------	-------------------------	------	------

Time	Date	Page
10:00	10/10/20	1

Wm W 1290 08-15

Client: RMT	Project-Submittal No.: 0912142
Receipt Log No.: 9.4	Completed By (initials/date): WC 12-8-09
Project Chemist: _____	

COC ID No.: 131298				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13	23	3	6	15				
Tag Color	Lt. Blue	Blue	Brown	yellow	Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HCl	None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2	<2	-7	<2	<2				
COC Line No. 1											
COC Line No. 2				✓	✓						
COC Line No. 3											
COC Line No. 4											
COC Line No. 5											
COC Line No. 6											
COC Line No. 7											
COC Line No. 8											
COC Line No. 9											
COC Line No. 10											

Comments

pH strip lot No.

☒ **HC932216**
☐

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID No.				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13		3	6	15				
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄		None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2		-7	<2	<2				
COC Line No. 1											
COC Line No. 2											
COC Line No. 3											
COC Line No. 4											
COC Line No. 5											
COC Line No. 6											
COC Line No. 7											
COC Line No. 8											
COC Line No. 9											
COC Line No. 10											

Comments

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5: NaOH	
500	2.5
1000	5.0
Container Type 4: H₂SO₄	
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13: H₂SO₄	
500	2.5



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Chain of Custody Record

COC No. **131299**

For Lab Use Only

Analyses Requested

Page 1 of 1

Cart 4

VOA Rack/Tray 399R

Receipt Log No. 11-10

Project Chemist

Laboratory Project No. 0912171

Client Name EMT INC

Project Name TPC TECUMSEH

Client Project No./PO. No. 3070-07

Invoice No. 3070-07

Other (comments)

Phone 734 971 7080

Fax 734 971 9022

Contact/Report To S. Wetz

Container Type (corresponds to Container Packing List)

Container Type

Container Type

Container Type

Container Type

Container Type

Container Type

Test Matrix Laboratory Sample Group Code Number

Sample ID

Cooler ID

Sample Date

Sample Time

Matrix

Number of Containers Submitted

Total

Sample Comments

Sample Comments

Sample Comments

Sample Comments

Sample Comments

Sample Comments

05 01 02 03 04 05 06 07 08 09 10 11

MW-191D

12/18/09

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TEP-001

12/18/09

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TEP-001

12/18/09

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TriMatrix, Inc.

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

Sampled By (print)

Sampled By (signature)

Company

Tracking No.

Relinquished By

Received By

Hand

Carrier

Date

Time

Date

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Client: RMT	Project-Submittal No.: 0912171
Receipt Log No.: 11-6	Completed By (initials/date): WJC 12-9-09
Project Chemist: _____	

COC ID No.: 131299				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13	23	3	6	15				
Tag Color	Lt. Blue	Blue	Brown	yellow	Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HCl	None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2	<2	-7	<2	<2				
COC Line No. 1				✓	✓						
COC Line No. 2				✓	✓						
COC Line No. 3				✓	✓						
COC Line No. 4				✓	✓						
COC Line No. 5				✓	✓						
COC Line No. 6				✓	✓						
COC Line No. 7				✓	✓						
COC Line No. 8				✓	✓						
COC Line No. 9				✓	✓						
COC Line No. 10				✓	✓						

Comments:

pH strip lot No.

☒ **HC932216**
☐

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID No.				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13		3	6	15				
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄		None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2		-7	<2	<2				
COC Line No. 1											
COC Line No. 2											
COC Line No. 3											
COC Line No. 4											
COC Line No. 5											
COC Line No. 6											
COC Line No. 7											
COC Line No. 8											
COC Line No. 9											
COC Line No. 10											

Comments:

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5: NaOH	
500	2.5
1000	5.0
Container Type 4: H ₂ SO ₄	
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13: H ₂ SO ₄	
500	2.5



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Chain of Custody Record

COC No. **131301**

For Lab Use Only

Cart

3

VOA Rack/Tray

318G

Receipt Log No.

13-5

Project Chemist

Laboratory Project No.

0012192

Test Matrix Group Code

Laboratory Sample Number

01

01

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Analyses Requested

Page 1 of 1

VOC's	CHLORIDES	NITRATE	SULFATE	IRON II	TOC	Mask Characterization
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Container Type (corresponds to Container Packing List)

1 3 23 11 17

Number of Containers Submitted

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PRESERVATIVES

A NONE pH=7

B HNO₃ pH<2

C H₂SO₄ pH<2

D 1+1 HCl pH<2

E NaOH pH>12

F ZnAc/NaOH pH>9

G MeOH

H Other (note below)

TriMatrixCOC -- COC

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

Sampled By (print)

TONY BAKER

Signature

Tracking No.

Company

KMT INC

1. Relinquished By

1. Received By

How Shipped?

Hand

Carrier

Fedex

Comments

Tracking No.

1. Relinquished By

1. Received By

2. Relinquished By

2. Received By

3. Relinquished By

3. Received For Lab By

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

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Time

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Time



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Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. **131300**

For Lab Use Only

Cart

VOA Rack/Tray

Receipt Log No.

Project Chemist

Laboratory Project No.

Test Matrix Group Code

Laboratory Sample Number

Client Name

Address

Phone

Fax

Project Name

Client Project No./PQ No.

Invoice No.

☐ Client
☐ Other (comments)

Contact/Report To

Sample ID

Cooler ID

Sample Date

Sample Time

C
M
F

R
A
B

Matrix

Number of Containers Submitted

Total

Sample Comments

Analyses Requested

Page of

PRESERVATIVES

A NONE pH~7

B HNO₃ pH<2

C H₂SO₄ pH<2

D 1+1 HCl pH<2

E NaOH pH>12

F ZnAc/NaOH pH>9

G MeOH

H Other (note below)

01	10	11	1	STM #1 (Durham)	TH 238	12/16/07	8:59	1	STM 2	2	
			2	STM #2	12/16/07	8:50		1	STM 2	2	
			3								
			4								
			5								
			6								
			7								
			8								
			9								
			10								

Sampled By (print)

Sampler's Signature

Tracking No.

How Shipped?

Hand

Carrier

Comments

Company

Relinquished By

Date

Time

2. Relinquished By

Date

Time

3. Relinquished By

Date

Time

3. Received For Lab By

Date

Time

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: <u>RMT</u>		Project-Submittal No.: <u>0912192</u>	
Receipt Record Page/Line No.: <u>13-5</u>		New / Add To	
Project Chemist:		Sample Nos.:	

Coolers Received

Recorded by (initials/date): <u>WC 12-10-09</u>	☒ Cooler ☐ Box ☐ Other	Qty Received: <u>1</u>	☒ IR Gun (#202) Thermometer Used ☐ Digital Thermometer (#54) ☐ See Additional Cooler Information Form ☐ Other (#)
--	--	---------------------------	--

Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
<u>Trm 2358</u>	<u>1008</u>						
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:		Coolant/Temperature Taken Via:		Coolant/Temperature Taken Via:		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		☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers		☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers		☐ 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:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:	
☐ Temperature Blank (TB) ☐ 1 Container		☐ Temperature Blank (TB) ☐ 1 Container		☐ Temperature Blank (TB) ☐ 1 Container		☐ Temperature Blank (TB) ☐ 1 Container	
Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
Temp Blank:			Temp Blank:			Temp Blank:	
TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative	
1	<u>2.6</u>	<u>-</u>	<u>2.6</u>	1			
2	<u>3.0</u>	<u>-</u>	<u>3.0</u>	2			
3	<u>3.3</u>	<u>-</u>	<u>3.3</u>	3			
Average °C		Average °C		Average °C		Average °C	
<u>3.0</u>							
☐ Cooler ID on COC? ☐ VOC Trip Blank received?		☐ Cooler ID on COC? ☐ VOC Trip Blank received?		☐ Cooler ID on COC? ☐ VOC Trip Blank received?		☐ Cooler ID on COC? ☐ VOC Trip Blank received?	

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

Paperwork 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 _____			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 ₂ SO ₄		
COC ID Nos. ☒ TriMatrix <u>131301, 131300</u> ☐ Other (Name or ID#) _____			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)		
Check COC for Accuracy Yes No ☒ Sample ID matches COC? ☒ Sample Date and Time matches COC? ☒ Container type completed on COC? ☒ All container types indicated are received?			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) _____		
Sample Condition Summary 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?			After Hours ONLY: COPIES OF COC TO LAB AREA(S) ☐ NONE RECEIVED ☒ RECEIVED, COCs TO LAB(S)		
☐ No COC Received ☐ No analysis requested			☐ Non-TriMatrix containers, see Notes		
Cooler Received (Date/Time)		Paperwork Delivered (Date/Time)		≤ 1 Hour Goal Met?	
<u>12-10-09 0900</u>		<u>12-10-09 1020</u>		Yes / ☒ No	

Client RMT	Project-Submittal No. 0911192
Receipt Log No. 13-5	Completed By (initials/date) WC 12-10-09
Project Chemist	

COC ID No. 131301				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13	23	3	6	15				
Tag Color	Lt. Blue	Blue	Brown	yellow	Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HCl	None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2	<2	-7	<2	<2				
COC Line No. 1											
COC Line No. 2											
COC Line No. 3				✓	✓						
COC Line No. 4											
COC Line No. 5				✓	✓						
COC Line No. 6				✓	✓						
COC Line No. 7				✓	✓						
COC Line No. 8											
COC Line No. 9				✓	✓						
COC Line No. 10											

Comments

pH strip lot No.

☒ **HC932216**
☐

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to the sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 3, 6, and 15.

COC ID No.				Adjusted by: _____ Date: _____				DO NOT ADJUST pH FOR THESE CONTAINER TYPES			
Container Type	5	4	13		3	6	15				
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe				
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄		None	HNO ₃	HNO ₃				
Expected pH	>12	<2	<2		-7	<2	<2				
COC Line No. 1											
COC Line No. 2											
COC Line No. 3											
COC Line No. 4											
COC Line No. 5											
COC Line No. 6											
COC Line No. 7											
COC Line No. 8											
COC Line No. 9											
COC Line No. 10											

Comments

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5: NaOH	
500	2.5
1000	5.0
Container Type 4: H₂SO₄	
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13: H₂SO₄	
500	2.5



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. 131302

For Lab Use Only

Cart -

VQA Rack/Tray

310 89-G

Receipt Log No.

19-6

Project Chemist

JLR

Laboratory Project No.

012245

Test Matrix Group Code

Laboratory Sample Number

Client Name

RMT INC

Address

3354 RANCHERO

Phone

734 971 4808

Fax

734 971 9022

Project Name

SPC Telecom

Client Project No./P.O. No.

876-02

Invoice No.

☐ Client
☐ Other (comments)

Contact/Report to

S. WERTZ

Analyses Requested

Page 1 of 2

PRESERVATIVES

A NONE pH-7

B HNO₃ pH<2

C H₂SO₄ pH<2

D 1+1 HCl pH<2

E NaOH pH>12

F ZnAc/NaOH pH>9

G MeOH

H Other (note below)

Number of Containers Submitted

Total

Sample Comments

Test Matrix Group Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	C	M	F	G	R	A	B	Matrix	Number of Containers Submitted	Total	Sample Comments
01	01	MW-135	7M1532/10/09	8:24									✓ GW 2		2	Hspace
A	02	MW-125		9:20									✓ GW 2		2	Hspace
01	03	MW-155		10:18									✓ GW 2		2	Hspace
01	04	MW-255		11:03									✓ GW 2		2	
A	05	MW-255		12:19									✓ GW 2		2	backwash
01	06	MW-105		12:41									✓ GW 2		2	backwash
01	07	MW-75		13:49									✓ GW 2		2	
01	08	MW-85		15:05									✓ GW 2		2	
01	09	MW-55		15:44									✓ GW 2		2	
A	10	Draw Composite 1		16:33									✓ GW 2			Hspace

Sampled By (print)

JLR

Sampler's Signature

JLR

Company

RMT INC

How Shipped?

Tracking No.

Hand

Carrier

Fedex

1. Relinquished By

12/14/09 13:15

2. Relinquished By

12/14/09 17:30

Received For Lab By

TriMatrixCOC -- COC

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

Chain of Custody Record

COCNO

128643

Analyses Requested

Page 2 of 2[illegible]

January 12, 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
1001020	01/05/2010	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank #01**
 Lab Sample ID: **1001020-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 00:00
 Sampled By: TML
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank #01**
 Lab Sample ID: **1001020-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 00:00
 Sampled By: TML
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank #01**
 Lab Sample ID: **1001020-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 00:00
 Sampled By: TML
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	
<i>Dibromofluoromethane</i>	99	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	98	<i>81-116</i>	
<i>Toluene-d8</i>	99	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	99	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-12s**
 Lab Sample ID: **1001020-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 09:56
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-12s**
 Lab Sample ID: **1001020-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 09:56
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	1.4	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-12s**
 Lab Sample ID: **1001020-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 09:56
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	
<i>Dibromofluoromethane</i>	98	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	98	<i>81-116</i>	
<i>Toluene-d8</i>	99	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	99	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20s**
 Lab Sample ID: **1001020-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 11:30
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	48	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	4.0	1.0
156-59-2	cis-1,2-Dichloroethene	9.6	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20s**
 Lab Sample ID: **1001020-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 11:30
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	150	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	71	1.0
75-69-4	Trichlorofluoromethane	2.9	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20s**
 Lab Sample ID: **1001020-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 11:30
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	
<i>Dibromofluoromethane</i>	101	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	97	<i>81-116</i>	
<i>Toluene-d8</i>	98	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	98	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20d**
 Lab Sample ID: **1001020-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 12:15
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	1.2	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	86	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20d**
 Lab Sample ID: **1001020-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 12:15
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	1.9	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20d**
 Lab Sample ID: **1001020-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 12:15
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	3.5	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	
<i>Dibromofluoromethane</i>	96	88-115	
<i>1,2-Dichloroethane-d4</i>	98	81-116	
<i>Toluene-d8</i>	99	87-113	
<i>4-Bromofluorobenzene</i>	99	78-116	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-15s**
 Lab Sample ID: **1001020-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 13:48
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-15s**
 Lab Sample ID: **1001020-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 13:48
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-15s**
 Lab Sample ID: **1001020-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 0915063

Work Order: **1001020**
 Description: Laboratory Services
 Sampled: 12/30/09 13:48
 Sampled By: J. Jasso
 Received: 01/05/10 17:00
 Prepared: 01/07/10 By: JDM
 Analyzed: 01/07/10 By: LEW
 Analytical Batch: OA11031

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	
<i>Dibromofluoromethane</i>	98	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	97	<i>81-116</i>	
<i>Toluene-d8</i>	100	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	99	<i>78-116</i>	

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 0915063 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 01/07/2010 By: LEW

Analytical Batch: 0A11031

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

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
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QC Batch: 0915063 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 01/07/2010 By: LEW

Unit: ug/L

Analytical Batch: 0A11031

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:

<i>Dibromofluoromethane</i>	99	88-115
<i>1,2-Dichloroethane-d4</i>	97	81-116
<i>Toluene-d8</i>	99	87-113
<i>4-Bromofluorobenzene</i>	98	78-116

Laboratory Control Sample

Analyzed: 01/07/2010 By: LEW

Unit: ug/L

Analytical Batch: 0A11031

Benzene	20.0	20.5	102	86-122	1.0
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Continued on next page

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
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QC Batch: 0915063 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 01/07/2010 By: LEW

Analytical Batch: 0A11031

Chlorobenzene	20.0	20.6	103	88-114	1.0
1,1-Dichloroethene	20.0	22.1	110	81-125	1.0
Toluene	20.0	20.9	104	87-123	1.0
Trichloroethene	20.0	20.6	103	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	<i>103</i>	<i>88-115</i>
<i>1,2-Dichloroethane-d4</i>	<i>98</i>	<i>81-116</i>
<i>Toluene-d8</i>	<i>101</i>	<i>87-113</i>
<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>78-116</i>

US EPA ARCHIVE DOCUMENT

STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

Chain of Custody Record

COC No. 131089

For Lab Use Only

Analyses Requested

Page 1 of 1

[illegible]

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: <u>RMT, INC.</u> Receipt Record Page/Line No: <u>49-14</u>	Project Submittal No. <u>R-1001020</u> New / Add To ☒ <u>IR</u> Project Chemist <u>DLR</u> Sample Nos.
---	---

Coolers Received

Recorded by (initials/date): <u>DN 1-5-10</u>	☒ Cooler ☐ Box ☐ Other	Qty Received: <u>1</u>	☒ IR Gun (#202) Thermometer Used ☐ Digital Thermometer (#54) ☐ See Additional Cooler Information Form ☐ Other (#)
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Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
<u>11246318-23</u>							
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	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
Temp Blank:			Temp Blank:			Temp Blank:	
TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative	
1	<u>5.3</u>	<u>0</u>	<u>5.3</u>	1			
2	<u>5.7</u>	<u>0</u>	<u>5.7</u>	2			
3	<u>5.5</u>	<u>0</u>	<u>5.5</u>	3			
Average °C		Average °C		Average °C		Average °C	
☒ Cooler ID on COC?		☒ Cooler ID on COC?		☐ Cooler ID on COC?		☐ Cooler ID on COC?	
☒ VOC Trip Blank received?		☐ VOC Trip Blank received?		☐ VOC Trip Blank received?		☐ VOC Trip Blank received?	

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

Paperwork Received <table style="width:100%;"> <tr> <td>N/A</td> <td>Yes</td> <td>No</td> <td></td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>☐ Chain of Custody record(s)?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>If No, COC Initiated By _____</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>Rec'd for Lab Signed/Date/Time?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>Shipping document?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>Other _____</td> </tr> </table> COC ID Nos. <u>131089</u> ☒ TriMatrix ☐ Other (Name or ID#) _____	N/A	Yes	No			☒	☐	☐ Chain of Custody record(s)?		☐	☐	If No, COC Initiated By _____		☒	☐	Rec'd for Lab Signed/Date/Time?		☒	☐	Shipping document?		☒	☐	Other _____	Check Sample Preservation <table style="width:100%;"> <tr> <td>N/A</td> <td>Yes</td> <td>No</td> <td></td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>☐ Average sample temperature ≤6° C?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>Completed Sample Preservation Verification Form?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>☒ Samples preserved correctly?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>If "No", added orange tag?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>Received pre-preserved VOC soils?</td> </tr> <tr> <td></td> <td></td> <td>☐</td> <td>☐ MeOH ☐ Na₂SO₄</td> </tr> </table> 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)	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 ₂ SO ₄
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AFTER HOURS ONLY:
 COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Check COC for Accuracy <table style="width:100%;"> <tr> <td>Yes</td> <td>No</td> <td></td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐ Sample ID matches COC?</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐ Sample Date and Time matches COC?</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>Container type completed on COC?</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☐ All container types indicated are received?</td> </tr> </table> Sample Condition Summary <table style="width:100%;"> <tr> <td>N/A</td> <td>Yes</td> <td>No</td> <td></td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>☐ Broken containers/lids?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>☐ Missing or incomplete labels?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>☐ Illegible information on labels?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>☐ Low volume received?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>☐ Inappropriate containers received?</td> </tr> <tr> <td></td> <td>☐</td> <td>☐</td> <td>☐ VOC vials / TOX containers have headspace?</td> </tr> <tr> <td></td> <td>☒</td> <td>☐</td> <td>☐ Extra sample locations / containers not listed on COC?</td> </tr> </table>	Yes	No		☒	☐	☐ Sample ID matches COC?	☒	☐	☐ Sample Date and Time matches COC?	☒	☐	Container type completed on COC?	☒	☐	☐ All container types indicated are received?	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?	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) _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Cooler Received (Date/Time)</td> <td>Paperwork Delivered (Date/Time)</td> <td>≤1 Hour Goal Met?</td> </tr> <tr> <td><u>DN 1-5-10</u></td> <td><u>DN 1-5-10</u></td> <td>Yes / No</td> </tr> </table>	Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?	<u>DN 1-5-10</u>	<u>DN 1-5-10</u>	Yes / No
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<u>DN 1-5-10</u>	<u>DN 1-5-10</u>	Yes / No																																																				

January 21, 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
1001192	01/14/2010	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)

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **1001192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 11:30
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **1001192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 11:30
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-11S**
 Lab Sample ID: **1001192-01**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 11:30
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	
<i>Dibromofluoromethane</i>	102	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	111	<i>81-116</i>	
<i>Toluene-d8</i>	97	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	94	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23S**
 Lab Sample ID: **1001192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 13:05
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23S**
 Lab Sample ID: **1001192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 13:05
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-23S**
 Lab Sample ID: **1001192-02**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 13:05
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	7.6	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	
<i>Dibromofluoromethane</i>	106	88-115	
<i>1,2-Dichloroethane-d4</i>	113	81-116	
<i>Toluene-d8</i>	102	87-113	
<i>4-Bromofluorobenzene</i>	96	78-116	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **1001192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 14:10
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	62	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **1001192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 14:10
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	56	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	730	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

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-21**
 Lab Sample ID: **1001192-03**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 10
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 14:10
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	
<i>Dibromofluoromethane</i>	100	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	110	<i>81-116</i>	
<i>Toluene-d8</i>	97	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	95	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **1001192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 15:19
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **1001192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 15:19
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	1.2	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	2.3	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	36	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-19S**
 Lab Sample ID: **1001192-04**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 15:19
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	
<i>Dibromofluoromethane</i>	100	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	111	<i>81-116</i>	
<i>Toluene-d8</i>	98	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	95	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20S**
 Lab Sample ID: **1001192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:31
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	50	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	3.5	1.0
156-59-2	cis-1,2-Dichloroethene	9.0	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20S**
 Lab Sample ID: **1001192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:31
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	170	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	70	1.0
75-69-4	Trichlorofluoromethane	2.8	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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20S**
 Lab Sample ID: **1001192-05**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:31
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	
<i>Dibromofluoromethane</i>	104	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	109	<i>81-116</i>	
<i>Toluene-d8</i>	98	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	95	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20D**
 Lab Sample ID: **1001192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:59
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	94	1.0
156-60-5	trans-1,2-Dichloroethene	2.0	1.0

Continued on next page

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20D**
 Lab Sample ID: **1001192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:59
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **MW-20D**
 Lab Sample ID: **1001192-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 16:59
 Sampled By: J. Jasso
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	3.7	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	
<i>Dibromofluoromethane</i>	100	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	108	<i>81-116</i>	
<i>Toluene-d8</i>	97	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	94	<i>78-116</i>	

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **1001192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 00:00
 Sampled By: TML
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **1001192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 00:00
 Sampled By: TML
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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

ANALYTICAL REPORT

Client: **RMT, Inc. - Ann Arbor Office**
 Project: Tecumseh Products
 Client Sample ID: **Trip Blank**
 Lab Sample ID: **1001192-07**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1000519

Work Order: **1001192**
 Description: Laboratory Services
 Sampled: 01/13/10 00:00
 Sampled By: TML
 Received: 01/14/10 17:50
 Prepared: 01/20/10 By: DLV
 Analyzed: 01/20/10 By: DLV
 Analytical Batch: OA21011

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	
<i>Dibromofluoromethane</i>	101	<i>88-115</i>	
<i>1,2-Dichloroethane-d4</i>	110	<i>81-116</i>	
<i>Toluene-d8</i>	98	<i>87-113</i>	
<i>4-Bromofluorobenzene</i>	96	<i>78-116</i>	

QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 1000519 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

Analyzed: 01/20/2010 By: DLV

Analytical Batch: 0A21011

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

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
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QC Batch: 1000519 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 01/20/2010 By: DLV

Analytical Batch: 0A21011

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:

<i>Dibromofluoromethane</i>	100	88-115
<i>1,2-Dichloroethane-d4</i>	110	81-116
<i>Toluene-d8</i>	98	87-113
<i>4-Bromofluorobenzene</i>	94	78-116

Laboratory Control Sample

Unit: ug/L

Analyzed: 01/20/2010 By: DLV

Analytical Batch: 0A21011

Benzene	40.0	38.9	97	86-122	1.0
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Continued on next page

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
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QC Batch: 1000519 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L

Analyzed: 01/20/2010 By: DLV

Analytical Batch: 0A21011

Chlorobenzene	40.0	38.7	97	88-114	1.0
1,1-Dichloroethene	40.0	35.6	89	81-125	1.0
Toluene	40.0	37.2	93	87-123	1.0
Trichloroethene	40.0	37.3	93	80-122	1.0

Surrogates:

<i>Dibromofluoromethane</i>	97	88-115
<i>1,2-Dichloroethane-d4</i>	104	81-116
<i>Toluene-d8</i>	96	87-113
<i>4-Bromofluorobenzene</i>	100	78-116

STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.



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. **128270**

For Lab Use Only

Cart

Analyses Requested

Page 1 of 1

VOA Rack/Tray

153-BIUE

Receipt Log No.

14-37

Project Chemist

Laboratory Project No.

1001192

Test Matrix Group Code

Laboratory Sample Number

01

02

03

04

05

06

07

08

09

10

Client Name

KMT Inc

Address

3754 Lincoln Dr.

Phone

734 971 7080

Fax

734 971 9033

Project Name

Tetunseh Packed Ice

Client Project No./P.O. No.

80207

Invoice No.

80207

Other (comments)

Other (comments)

Contact/Report To

Erin Crecelius

Container Type (corresponds to Container Packing List)
1
2
3
4
5
6
7
8
9
10

- PRESERVATIVES
- A NONE pH~7
 - B HNO₃ pH<2
 - C H₂SO₄ pH<2
 - D 1+1 HCl pH<2
 - E NaOH pH>12
 - F ZnAc²/NaOH pH>9
 - G MeOH
 - H Other (note below)

Number of Containers Submitted

Total

Sample Comments

Sample ID

1 MW 11s

2 MW 23s

3 MW 21

4 MW 19s

5 MW 20s

6 MW 20D

7 T₀g Blm

8

9

10

C

D

M

P

G

R

A

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Matrix

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SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: <u>RKT</u>		Project-Submittal No. <u>1001192</u>	
Receipt Record Page/Line No. <u>14-37</u>		New / Add To	
		Project Chemist	Sample Nos.

Coolers Received

Recorded by (initials/date): <u>QN 1-14-10</u>	☒ Cooler ☐ Box ☐ Other	Qty Received: <u>1</u>	☒ IR Gun (#202) Thermometer Used ☐ Digital Thermometer (#54) ☐ See Additional Cooler Information Form ☐ Other (#)
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Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
<u>TEST AREA 22.15</u>							
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	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
Temp Blank:			Temp Blank:			Temp Blank:	
TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative		TB location: Representative / Not Representative	
1. <u>5.8</u>	<u>0</u>	<u>5.8</u>	1.			1.	
2. <u>5.6</u>	<u>0</u>	<u>5.6</u>	2.			2.	
3. <u>5.7</u>	<u>0</u>	<u>5.7</u>	3.			3.	
Average °C		Average °C		Average °C		Average °C	
☐ Cooler ID on COC?		☐ Cooler ID on COC?		☐ Cooler ID on COC?		☐ Cooler ID on COC?	
☒ VOC Trip Blank received?		☐ VOC Trip Blank received?		☐ VOC Trip Blank received?		☐ VOC Trip Blank received?	

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

Paperwork 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 _____			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 ₂ SO ₄		
COC ID Nos. <u>128270</u> ☒ TriMatrix ☐ Other (Name or ID#) _____			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)		
Check COC for Accuracy Yes No ☒ Sample ID matches COC? ☒ Sample Date and Time matches COC? ☒ Container type completed on COC? ☒ All container types indicated are received?			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) _____		
Sample Condition Summary 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?			After Hours Only: COPIES OF COC TO LAB AREA(S) ☒ NONE RECEIVED ☐ RECEIVED, COCs TO LAB(S)		
Cooler Received (Date/Time) <u>QN 1-14-10</u>			Paperwork Delivered (Date/Time) <u>1-14-10</u>		
≤1 Hour Goal Met? <u>Yes / No</u>					