



1540 Eisenhower Place
Ann Arbor, MI 48108

734.971.7080 PHONE
734.971.9022 FAX

www.TRCSolutions.com

January 15, 2015

Mr. Joseph Kelly
Project Manager
USEPA, Region 5
77 West Jackson Boulevard
LU-9J
Chicago, IL 60604-3590

Subject: **RCRA 3008(h) Administrative Order on Consent (RCRA-05-2010-0012) –
Tecumseh Products Company
Fourth Quarter 2014 Progress Report – MID 005-049-440**

Dear Mr. Kelly:

Pursuant to Section VI of the above referenced Administrative Order on Consent (Consent Order) effective March 29, 2010, TRC Environmental Corporation (TRC), on behalf of the Respondent Tecumseh Products Company (TPC), submits this Fourth Quarter 2014 Progress Report. This report describes activities related to the Consent Order completed by TPC during the fourth quarter 2014 and planned for completion in the near future. The organization of this document includes, as major headings, the items required under Sections V through VIII of the Consent Order.

V. Project Manager

- The TPC Project Manager is Graham Crockford of TRC.
- The USEPA Project Manager is Joseph Kelly.

VI. Work to be Performed – Remedial Investigation Report and Environmental Indicators Reports

1. **A description of activities related to the completion of the Remedial Investigation (RI) Report and the Environmental Indicator (EI) Reports:**
 - **Investigation Activities**
 - **Characterize Releases at or from the Facility** – The findings of source area investigation activities completed through August 2012 are documented in the September 2012 Remedial Investigation and Groundwater Environmental Indicator Report (2012 RI/EI

Report). A Supplemental Groundwater Investigation Workplan was submitted and implemented during the first quarter 2013. A technical memorandum documenting the findings of those investigation activities was submitted as an attachment to the Second Quarter 2013 Progress Report. A passive soil gas survey (PSG) was completed through the central and southern portion of the former TPC building during the third quarter 2013. A Technical Memorandum which summarizes the findings of the 2013 passive soil gas survey was included as an Appendix to the First Quarter 2014 Progress Report. In April 2014 a supplemental PSG survey was conducted by TRC to further evaluate certain discrete areas requested by USEPA including the former engineering area, drum storage areas, tank area, areas adjacent to railroad spurs where loading and unloading may have occurred and the area east/southeast of the southern portion of the building where a number of outbuildings and two hazardous waste storage areas were located. A technical memorandum which summarized the findings of the 2014 PSG Survey was submitted to USEPA in June 2014. A source area membrane interface probe (MIP) investigation was conducted between June 2014 and July 2014. MIP data were submitted to USEPA as they became available. TRC submitted the MIP Investigation Report and Workplan for High Resolution Site Characterization on December 31, 2014. Minor revisions based on preliminary comments from USEPA are underway.

- **Define Appropriate Screening Criteria** – Screening criteria are described in detail in the 2012 RI/EI Report and the 2013 Supplement to the Current Human Exposures Under Control Environmental Indicator Report. Screening criteria include:
 - Generic Michigan Department of Environmental Quality (MDEQ) Part 201 Cleanup Criteria;
 - MDEQ Screening levels for the volatilization to indoor air migration pathway, as documented in the 2013 MDEQ *Guidance Document for the Vapor Intrusion Pathway*;
 - MDEQ Rule 57 Surface Water Quality Values; and
 - A site-specific groundwater contact criterion for trichloroethene (TCE) which reflects the 2011 revisions to TCE toxicity data.
- **Define Any Unacceptable Risks to Human Health** – As described in the 2011 Current Human Exposures Under Control Environmental Indicator Report (2011 EI Report), current human exposures to affected media are under control. In September 2013 the Supplement to the Current Human Exposures Under Control Environmental Indicator Report (2013 HE EI) was prepared and submitted to address USEPA comments (provided between December 2011 and October 2012) and to provide additional data and documentation verifying the 2011 EI Report. USEPA provided comments on the 2013 HE EI on January 31, 2014. During the May 2014 project meeting with USEPA, TPC agreed to attempt (contingent on owner agreement) to further verify this assessment at nine



residential properties north of the site and one non-residential property east of the site. During the third quarter 2014 TPC was able to complete indoor air sampling (5 total) and/or sub-slab depressurization/ventilation system installation (5 total) at each of the nine residential properties. No indoor air criteria exceedances were found. Following extended discussion, the owner of the non-residential property east of the site agreed to allow the installation of soil gas sample points at each corner of the main (occupied) building on that property. Soil gas sample points were installed in late September and the initial sample event was completed in October 2014 as documented in the October 30, 2014 letter report to the property owner. Soil gas sample results from the November 2014 soil gas sample event confirm the initial sample results. The property owner has tentatively agreed to the installation of a sub-slab soil gas sample point in the northeast corner of the building to further evaluate the volatilization to indoor air migration pathway at this location..

- **Define Any Unacceptable Risks to the Environment** – The potential for unacceptable risk to the environment related to the discharge of affected groundwater to nearby surface water and wetlands was evaluated in the 2012 RI/EI Report. This evaluation includes the use of site-specific mixing zone-based GSI criteria. Data collected to date do not indicate an unacceptable risk to the environment. This evaluation may be updated, as appropriate, prior to submittal of the Supplement to the Groundwater Stabilized Environmental Indicator Report due in July 2015.
- **Determine the Stability of Contaminated Groundwater** – An evaluation of the stability of contaminated groundwater was included in the 2012 RI/EI Report. As additional groundwater data become available, groundwater stability will be reviewed as appropriate. A Supplement to the Groundwater Stabilized Environmental Indicator Report will be provided by the agreed July 2015 due date.
- **Response and Mitigation Measures** – Response and mitigation measures conducted through 2013 are documented in the 2011 EI Report, the 2012 RI/EI Report and the 2013 Supplement to the Current Human Exposures Under Control Environmental Indicator Report. These measures include:
 - A local groundwater use ordinance;
 - The decommissioning of private wells in the vicinity of affected groundwater;
 - A Declaration of Restrictive Covenant and License Agreement Regarding Environmental Work for the site;



- Mitigation of on-site indoor air in areas that were occupied or are expected to be occupied in the future, including:
 - Installation of a sub-slab depressurization/ventilation (SSDV) system in S-Building (the office area for the site manager)¹; and
 - Installation of a soil vapor extraction (SVE) system in P-Building.
- Monitoring and mitigation of off-site indoor air including:
 - Installation of a SSDV system at one residential property east of the site and five residential properties north of the site;
 - Completion of crawlspace sampling activities at four residential properties east of the site and one residential property north of the site;
 - Completion of indoor air sampling at three residential properties north of the site;
 - Installation of a permeable reactive barrier (PRB) downgradient of the southern source area to address the potential off-site vapor intrusion pathway, by treating shallow groundwater affected with chlorinated volatile organic compounds (CVOCs) before the groundwater migrates off-site (tables which document the results of fourth quarter PRB performance monitoring are included as Appendix A); and
 - Installation of a perimeter SVE system as described in the November 2013 Workplan to Install a Perimeter Soil Vapor Extraction System.²
- **Reporting and Summary of Work Completed**
 - **Environmental Indicators Report: Current Human Exposures under Control** – TRC submitted the Current Human Exposures Under Control Environmental Indicators Report (2011 EI Report) to USEPA on September 29, 2011. USEPA provided TPC with comments regarding the 2011 EI Report on December 5, 2011. TPC responded to USEPA comments on December 19, 2011. On December 28, 2011, USEPA proposed an extension for USEPA to complete the CA-725 Form until December 12, 2012, so that confirmation indoor air/crawlspace sampling data from the residential properties east of the site (610 Mohawk, 704 Mohawk, 502 Mohawk, 505 South Maumee Street and 507 South Maumee Street) could be evaluated by USEPA. This work was completed as intended during the fourth quarter 2012. However during an October 29-30, 2012 project meeting,

¹ At present the building is no longer occupied by the site manager or any other regular employees. The site owner has disconnected electrical service. Consequently this SSDV is not, at present, operational.

² Operation of the perimeter SVE system began on March 7, 2014, using a rental SVE blower unit. The permanent blower enclosure was installed on July 10, 2014. A construction documentation report for the perimeter SVE system will be completed following a 3 to 6 month system start-up and shake-down period.



USEPA requested additional work, which TPC set forth in a Technical Memorandum dated December 5, 2012 and Revised December 19, 2012. Those action items included:

- Table summaries related to the conceptual site model (included in the Fourth Quarter 2012 Quarterly Progress Report); and
- Four consecutive soil gas sample events at soil gas monitoring locations north and west of the site after SVE system installation (through second quarter 2013), in order to further document the effectiveness of the SVE system.

On March 6, 2013, USEPA extended the date for the Current Human Exposures Demonstration to September 30, 2013 to allow TPC to complete the above described work. Consistent with this extension, the Supplement to the Current Human Exposures EI Report was submitted to USEPA on September 30, 2013 (2013 HE EI). USEPA provided comments on the 2013 HE EI on January 31, 2014. During the May 2014 project meeting with USEPA, TPC agreed to attempt (contingent on owner agreement) to further verify this assessment at nine residential properties north of the site and at one non-residential property east of the site. As described above, that work, in large part, was completed in 2014.

- **Environmental Indicators Report: Groundwater Stabilized** – TRC submitted the 2012 RI/EI Report to USEPA on September 28, 2012. During the October 29-30, 2012 project meeting, USEPA requested the following:
 - Additional sample events at monitoring wells where VOC concentration data exhibit relatively high standard deviation.
 - Preparation of a workplan to address USEPA comments regarding groundwater stability and remedial investigation activities. The Supplemental Groundwater Investigation Workplan for the Former Tecumseh Products Company Site in Tecumseh, Michigan was submitted and implemented during the first quarter 2013.
 - Installation of additional monitoring wells and subsequent monitoring at those locations in accordance with the Supplemental Groundwater Investigation Workplan.

On March 6, 2013, USEPA extended the date for the Remedial Investigation and Groundwater Environmental Indicator Determination to July 31, 2015. This extension allows TPC to complete eight quarterly sample events prior to the submittal of a Supplement to the 2012 RI/EI Report at monitoring locations which were installed prior to March 2013.

- **Remedial Investigation Report** – TRC submitted the Remedial Investigation Report with the 2012 RI/EI Report to USEPA on September 28, 2012. As described above,



USEPA extended the date for the Remedial Investigation and Groundwater Environmental Indicator Determination to July 31, 2015. TPC will provide USEPA with a Supplement to the 2012 RI/EI Report following completion of the additional investigation and monitoring activities described in the Supplemental Groundwater Investigation Workplan.

2. A Summary of Activities during the Reporting Period

- October 2014 – An initial soil gas sample event was completed at soil gas sample points (SG-22, SG-23, SG-24 and SG-25) installed in September 2014.
- October 2014 – Operation and maintenance of the Perimeter SVE system was completed including a scheduled system inspection approximately 14 weeks after system start-up, field measurement of the TCE concentrations, collection of exhaust samples for VOCs analysis, and condensate management.
- October 2014 – TRC hosted a teleconference to provide USEPA with the requested three-dimensional visualization of MIP investigation results and discuss the path forward.
- November 2014 – The final MIP report was issued by the subcontractor.
- November 2014 – Vacuum pressure and methane concentrations were measured at all PRB vent locations. Methane concentrations were also measured at the two downgradient soil gas sample points (SG-02 and SG-03R).
- November 2014 – J. Kelly of USEPA conducted a site visit in conjunction with a meeting with the City of Tecumseh.
- November 2014 – The fourth quarter 2014 off-site soil gas sample event was completed, including sample collection at the soil gas sample points installed in September 2014 (SG-22, SG-23, SG-24 and SG-25). A technical memorandum summarizing soil gas sampling activities and analytical data collected during the third quarter 2014 is provided in Appendix B.
- November 2014 – Operation and maintenance of the P-Building SVE system was completed including flow and pressure measurements at each extraction well, field measurement of TCE concentrations to determine the appropriate timeline for carbon change out, and completion of piping repairs between the carbon vessels.
- November 2014 – Operation and maintenance of the Perimeter SVE system was completed including field measurement of the TCE concentrations to determine the appropriate timeline for carbon change out, collection of a sample at the blower for VOCs analysis, and system re-set following an alarm condition resulting from high wind conditions and an associated power surge.



- November-December 2014 – The fourth quarter groundwater sample event was completed, including collection of groundwater elevation data, and 69 samples for VOCs analysis. A summary and evaluation of field activities, groundwater data, and surface water data are provided in Appendix C.
- November-December 2014 – The fourth quarter PRB monitoring event was conducted. Tables with field data, groundwater elevation data and analytical data are provided in Appendix A.
- December 2014 – The regular SSDV system inspection was completed at 704 Mohawk. At the request of the homeowner, the inspection did not include access to the interior of the house. The measured differential pressure did not meet the performance criteria. Access to the interior of the house was arranged for January 2015 so that the system could be evaluated further. System repairs to mitigate restricted flow in the exhaust pipe are scheduled for January 22, 2015.
- December 2014 – Construction documentation reports were submitted to each of the property owners at residences where a SSDV system was installed during the third quarter 2014.
- December 2014 – Operation and maintenance of the P-Building SVE system was completed including field measurement of TCE concentrations to determine the appropriate timeline for carbon change out and collection of exhaust samples for VOCs analysis.
- December 2014 – Vacuum pressure and methane concentrations were measured at all PRB vent locations. Methane concentrations were also measured at the two downgradient soil gas sample points (SG-02 and SG-03R).
- December 2014 – Completion of a soil gas re-sample event at SG-12R and SG-19 to further evaluate data reported in November 2014 which were inconsistent with historical data (Appendix B).
- December 2014 – Operation and maintenance of the Perimeter SVE system was completed including field measurement of the TCE concentrations to determine the appropriate timeline for carbon change out and minor system adjustments to help control condensate accumulation in system measurement devices.
- December 2014 – The MIP Investigation Report and Workplan for High Resolution Site Characterization was submitted to USEPA.

3. A Summary of Contacts with Representatives of Local Community, Public Interest Groups, or State Government during the Reporting Period

- At the request of one property owner, TRC provided that owner with a copy of the Third Quarter 2014 Progress Report.



- TRC communicated with the Tecumseh District Library personnel in order to update the public repository at the Tecumseh District Library in December 2014.
- TRC communicated with the owner of a residential property east of the site regarding the operation and maintenance of the SSDV system.
- TRC communicated with two property owners north of the site to coordinate and complete SSDV system verification testing.
- TRC communicated with the owner of a residential property north of the site regarding the proposed SSDV system installation.
- TPC communicated with the owner of a non-residential property east of the site regarding the results of the initial soil gas sampling event around the perimeter of the building and to coordinate the fourth quarter soil gas sample event.
- TPC and TRC met with the City of Tecumseh regarding the status of ongoing demolition, the proposed sale of the property, and redevelopment options for the site.
- TRC provided construction documentation reports to each of the property owners at residences where a SSDV system was installed during the third quarter 2014
- TRC communicated a site owner to coordinate routine groundwater sampling.
- Throughout the fourth quarter 2014, TRC communicated with the City of Tecumseh Fire Department regarding the fire watch activities to help ensure safe access to the building, as required by the City of Tecumseh.

4. A Summary of Problems and Potential Problems Encountered During the Reporting Period

- No new problems were noted during the fourth quarter 2014.

5. Action Taken to Rectify Problems Identified Above

- No new problems were noted during the fourth quarter 2014.

6. Changes in Personnel During Reporting Period

- No TPC/TRC project personnel have changed.

7. Projected Work for the Next Reporting Period

- Complete minor revisions to the MIP Investigation Report and Workplan for High Resolution Site Characterization;
- Complete SSDV system improvements and the regular quarterly system inspection the residential property located at 704 Mohawk;



- Install a sub-slab sample point in the northeast corner of the building located along Maumee Street south of the TPC property;
- Continue routine perimeter SVE system operation and maintenance, including documentation of 2014 activities and completion of carbon change out as needed;
- Continue routine P-Building SVE system operation and maintenance, including documentation of 2014 activities and completion of carbon change out as needed;
- Begin implementation of MIP confirmation sampling as proposed in the December 31, 2014 Workplan;
- Begin implementation of off-site high resolution site characterization as proposed in the December 31, 2014 Workplan;
- Complete the first quarter 2015 groundwater sampling even and evaluate sampling results;
- Complete the first quarter 2015 off-site soil gas sample event and evaluate sampling results;
- Collect gas composition readings at vents installed along the length of the PRB.

VI. Work to be Performed – Final Corrective Measures Proposal

Preparation of the Final Corrective Measures Proposal will be initiated following completion of the Supplement to the RI and Groundwater EI Report.

VI. Work to be Performed – Final Corrective Measures Implementation

Work related to the Final Corrective Measures Implementation will be initiated following USEPA's Final Decision.

VI. Work to be Performed – Establish Public Repository of Information

TPC established a public repository in the City Clerk's office at City Hall in August 2010. To address USEPA comments, the public repository was relocated to the Tecumseh District Library in November 2011. A notice sheet has been posted on the bulletin board at the Tecumseh District Library which lists and briefly describes the documents included in the public repository. TPC updates the public repository as appropriate.

VII. Access

No new access agreements were obtained during the fourth quarter 2014.



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USEPA, Region 5
January 15, 2015
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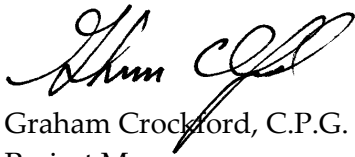
VIII. Cost Estimates and Assurances of Financial Responsibility

In accordance with the Consent Order, TPC submitted an annually updated cost estimate on January 30, 2014. Based on comments from USEPA, and additional work as outlined in the SOW, a revised cost estimate was submitted on April 8, 2014. This April 2014 Revised Cost Estimate includes the anticipated costs of additional work to be completed in response to USEPA's January 31, 2014 comment letter. Financial assurance for the April 2014 Revised Cost Estimate was established in September 2014 following USEPA review and approval.

If you have any questions regarding this progress report, or the attachments, please contact me at (734) 585-7813, or gcrockford@trcsolutions.com.

Sincerely,

TRC Environmental Corporation



Graham Crockford, C.P.G.
Project Manager

Attachments:

- Appendix A: Permeable Reactive Barrier Performance Monitoring – Fourth Quarter 2014 Data Tables and Figures
- Appendix B: Summary of the Fourth Quarter 2014 Soil Gas Sample Event
- Appendix C: Summary of the Fourth Quarter 2014 Groundwater Monitoring Event

cc: Susan Perdomo, USEPA
Michael Beedle, USEPA
Gregory Rudloff, USEPA
Colleen Olsberg, USEPA
Bhomma Sundar, USEPA
David Petrovski, USEPA
Mario Mangino, USEPA
Daniel Mazur, USEPA
Chris DeWetter, Tecumseh Products Company
Jason Smith, Tecumseh Products Company
Douglas McClure, Conlin, McKenney & Philbrick, PC
Stacy Metz, TRC Environmental Corporation
Dave Roberts, Tecumseh Food, Machinery & Engineering, LLC
Tecumseh District Library – Public Repository
Mary Speer, Resident



Appendix A
Permeable Reactive Barrier Performance Monitoring –
Fourth Quarter 2014 Data Tables and Figures

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-01s	784.06	8/9/2011	5.60	778.46
		10/5/2011	5.91	778.15
		1/11/2012	5.29	778.77
		4/2/2012	5.10	778.96
		7/2/2012	5.81	778.25
		10/2/2012	6.84	777.22
		3/4/2013	7.45	776.61
		6/5/2013	7.19	776.87
		8/26/2013	7.29	776.77
		11/13/2013	7.57	776.49
		5/28/2014	6.69	777.37
11/10/2014	7.14	776.92		
PRB-02s	784.07	8/9/2011	5.70	778.37
		10/5/2011	5.93	778.14
		1/11/2012	5.29	778.78
		4/2/2012	5.06	779.01
		7/2/2012	5.84	778.23
		10/2/2012	6.85	777.22
		3/4/2013	7.41	776.66
		6/5/2013	7.27	776.80
		8/26/2013	7.28	776.79
		11/13/2013	7.63	776.44
		5/28/2014	6.70	777.37
11/10/2014	7.19	776.88		
PRB-03s	784.16	8/9/2011	5.52	778.64
		10/5/2011	5.83	778.33
		1/11/2012	5.17	778.99
		4/2/2012	5.02	779.14
		7/2/2012	5.62	778.54
		10/2/2012	6.68	777.48
		3/4/2013	7.15	777.01
		6/5/2013	6.96	777.20
		8/26/2013	7.03	777.13
		11/13/2013	7.44	776.72
		5/28/2014	6.51	777.65
11/10/2014	6.95	777.21		

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
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PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-04s	784.70	8/9/2011	6.14	778.56
		10/5/2011	6.40	778.30
		1/11/2012	5.76	778.94
		4/2/2012	5.57	779.13
		7/2/2012	6.28	778.42
		10/2/2012	7.23	777.47
		3/4/2013	7.84	776.86
		6/5/2013	7.66	777.04
		8/26/2013	7.70	777.00
		11/13/2013	8.06	776.64
		5/28/2014	7.12	777.58
		11/10/2014	7.56	777.14
PRB-04d	784.70	8/9/2011	6.10	778.60
		10/5/2011	6.40	778.30
		1/11/2012	5.77	778.93
		4/2/2012	5.57	779.13
		7/2/2012	6.30	778.40
		10/2/2012	7.31	777.39
		3/4/2013	7.85	776.85
		6/5/2013	7.61	777.09
		8/26/2013	7.71	776.99
		11/13/2013	8.03	776.67
		5/28/2014	7.10	777.60
		11/10/2014	7.56	777.14
PRB-05s	784.66	8/9/2011	5.96	778.70
		10/5/2011	6.23	778.43
		1/11/2012	5.58	779.08
		4/2/2012	5.38	779.28
		7/2/2012	6.05	778.61
		10/2/2012	7.15	777.51
		3/4/2013	7.64	777.02
		6/5/2013	7.39	777.27
		8/26/2013	7.51	777.15
		1/13/2013	7.85	776.81
		5/28/2014	6.88	777.78
		11/10/2014	7.38	777.28

Notes:

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Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-06s	784.52	8/9/2011	5.90	778.62
		10/5/2011	6.16	778.36
		1/11/2012	5.51	779.01
		4/2/2012	5.62	778.90
		7/2/2012	6.00	778.52
		10/2/2012	7.06	777.46
		3/4/2013	7.54	776.98
		6/5/2013	7.29	777.23
		8/26/2013	7.40	777.12
		11/13/2013	7.66*	776.86*
		5/28/2014	6.77	777.75
		11/10/2014	7.30	777.22
PRB-07s	784.08	8/9/2011	5.59	778.49
		10/5/2011	5.82	778.26
		1/11/2012	5.19	778.89
		4/2/2012	4.98	779.10
		7/2/2012	5.70	778.38
		10/2/2012	6.78	777.30
		3/4/2013	7.31	776.77
		6/5/2013	7.06	777.02
		8/26/2013	7.12	776.96
		11/13/2013	7.44	776.64
		5/28/2014	6.54	777.54
		11/10/2014	7.03	777.05
PRB-08s	784.69	8/9/2011	6.17	778.52
		10/5/2011	6.39	778.30
		1/11/2012	5.76	778.93
		4/2/2012	5.54	779.15
		7/2/2012	6.24	778.45
		10/2/2012	7.29	777.40
		3/4/2013	7.80	776.89
		6/5/2013	7.56	777.13
		8/26/2013	7.66	777.03
		11/13/2013	7.98	776.71
		5/28/2014	7.08	777.61
		11/10/2014	7.55	777.14

Notes:

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Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-08d	784.69	8/9/2011	6.14	778.55
		10/5/2011	6.38	778.31
		1/11/2012	5.74	778.95
		4/2/2012	5.53	779.16
		7/2/2012	6.25	778.44
		10/2/2012	7.33	777.36
		3/4/2013	7.78	776.91
		6/5/2013	7.59	777.10
		8/26/2013	7.66	777.03
		11/13/2013	8.02	776.67
		5/28/2014	7.08	777.61
		11/10/2014	7.59	777.10
PRB-09s	785.08	8/9/2011	6.45	778.63
		10/5/2011	6.69	778.39
		1/11/2012	6.03	779.05
		4/2/2012	5.99	779.09
		7/2/2012	6.55	778.53
		10/2/2012	7.66	777.42
		3/4/2013	8.00	777.08
		6/5/2013	7.73	777.35
		8/26/2013	7.90	777.18
		11/13/2013	8.06	777.02
		5/28/2014	7.10	777.98
		11/10/2014	7.79	777.29
PRB-10s	785.22	8/9/2011	6.60	778.62
		10/5/2011	6.85	778.37
		1/11/2012	6.21	779.01
		4/2/2012	5.97	779.25
		7/2/2012	6.69	778.53
		10/2/2012	7.87	777.35
		3/4/2013	8.17	777.05
		6/5/2013	7.93	777.29
		8/26/2013	8.05	777.17
		11/13/2013	8.46	776.76
		5/28/2014	7.39	777.83
		11/10/2014	7.95	777.27

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

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PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-11s	795.12	8/9/2011	15.73	779.39
		10/5/2011	16.02	779.10
		1/11/2012	15.32	779.80
		4/2/2012	15.06	780.06
		7/2/2012	15.70	779.42
		10/2/2012	16.88	778.24
		3/4/2013	17.24	777.88
		6/5/2013	16.96	778.16
		8/26/2013	17.12	778.00
		11/13/2013	17.50	777.62
		5/29/2014	16.54	778.58
		11/10/2014	17.09	778.03
PRB-12s	795.46	8/9/2011	16.02	779.44
		10/5/2011	16.34	779.12
		1/11/2012	15.66	779.80
		4/2/2012	15.42	780.04
		7/2/2012	16.04	779.42
		10/2/2012	17.22	778.24
		3/4/2013	17.66	777.80
		6/5/2013	17.31	778.15
		8/26/2013	17.45	778.01
		11/13/2013	17.87	777.59
		5/29/2014	17.95	777.51
		11/10/2014	17.44	778.02
PRB-13s	797.20	8/9/2011	17.67	779.53
		10/5/2011	18.01	779.19
		1/11/2012	17.34	779.86
		4/2/2012	17.06	780.14
		7/2/2012	17.69	779.51
		10/2/2012	18.88	778.32
		3/4/2013	19.23	777.97
		6/5/2013	18.96	778.24
		8/26/2013	19.14	778.06
		11/13/2013	19.60	777.60
		5/29/2014	18.60	778.60
		11/10/2014	19.10	778.10

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
Groundwater Elevations
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-14s	796.70	8/9/2011	17.24	779.46
		10/5/2011	17.58	779.12
		1/3/2012	16.92	779.78
		4/2/2012	16.64	780.06
		7/2/2012	17.30	779.40
		10/2/2012	18.43	778.27
		3/4/2013	18.91	777.79
		6/5/2013	18.55	778.15
		8/26/2013	18.73	777.97
		11/13/2013	19.16	777.54
		5/29/2014	18.15	778.55
		11/10/2014	18.67	778.03
PRB-15s	795.35	8/9/2011	15.95	779.40
		10/5/2011	16.26	779.09
		1/11/2012	15.59	779.76
		4/2/2012	15.33	780.02
		7/2/2012	15.95	779.40
		10/2/2012	17.16	778.19
		3/4/2013	17.60	777.75
		6/5/2013	17.21	778.14
		8/26/2013	17.37	777.98
		11/13/2013	17.80	777.55
		5/29/2014	16.80	778.55
		11/10/2014	17.35	778.00
PRB-15d	795.43	8/9/2011	16.02	779.41
		10/5/2011	16.34	779.09
		1/11/2012	15.66	779.77
		4/2/2012	15.41	780.02
		7/2/2012	16.05	779.38
		10/2/2012	17.23	778.20
		3/4/2013	17.70	777.73
		6/5/2013	17.29	778.14
		8/26/2013	17.50	777.93
		11/13/2013	17.86	777.57
		5/29/2014	16.91	778.52
		11/10/2014	17.46	777.97

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 1
 Groundwater Elevations
 PRB Performance Monitoring
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Well Location	Top of Well Casing (ft MSL)	Measurement Date	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
PRB-16s	785.02	8/9/2011	NI	--
		10/5/2011	NI	--
		1/11/2012	NI	--
		4/2/2012	NI	--
		7/2/2012	NI	--
		10/2/2012	7.52	777.50
		3/27/2013	8.04	776.98
		6/5/2013	7.71	777.31
		8/26/2013	7.81	777.21
		11/13/2013	8.17	776.85
		5/28/2014	7.19	777.83
		11/10/2014	7.76	777.26

Notes:

Survey conducted to feet Mean Sea Level by Midwestern Consultants, Inc. (2011)

ft MSL - feet above Mean Sea Level, ft BTOC - feet Below Top of Casing, NI - Not Installed at time of measurement

* Measured depth to water is anomalous. Datum was not used.

Table 2
 Summary of Detected Volatile Organic Compounds in Groundwater
 PRB Performance Monitoring
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	Acetone ⁽²⁾	2-Butanone	Benzene ⁽²⁾	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene ⁽²⁾	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethylbenzene ⁽²⁾	Isopropylbenzene	n-Propyl Benzene ⁽²⁾	Tetrachloro-ethene	Toluene ⁽²⁾	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes ⁽²⁾		
Residential Health-Based DW Criteria	730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000		
Non-Residential Health-Based DW Criteria	2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000		
GSI Criteria	1,700	2,200	200 ⁽¹⁾	1,100 ⁽¹⁾	350	740	360 ⁽¹⁾	130	620	1,500 ⁽¹⁾	18	28	NC	60 ⁽¹⁾	270	89	330 ⁽¹⁾	200 ⁽¹⁾	17	13 ⁽¹⁾	41		
Residential GWSLs for Vapor Intrusion	8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000		
Non-Residential GWSLs for Vapor Intrusion	3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000		
Groundwater Contact Criteria	3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000 ⁽³⁾	56,000	1,000	1.9E+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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
PRB-08d (18.5-23.5') Depth to Groundwater* Approx. 6.0 - 7.0'	8/10/2011	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	14	<3.0
	10/7/2011	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	<3.0
	1/11/2012	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<3.0
	4/10/2012	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	5.1	<3.0
	7/13/2012	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	11	<3.0
	10/4/2012	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	23	<3.0
	3/5/2013	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	37	<3.0
	6/6/2013	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	37	<3.0
	8/26/2013	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	46	<3.0
	11/15/2013	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	44	<3.0
	5/28/2014	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	49	<3.0
11/25/2014	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	36	<3.0	
PRB-09s (5-10') Depth to Groundwater* Approx. 6.5 - 7.5'	8/11/2011	4,200	8,200	<100	<500	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<300
	10/6/2011	13,000	17,000	<100	<500	<100	<100	<100	<100	<100	<100	<100	<100	<100	110	<100	<100	<100	<100	<100	<100	<100	<300
	1/12/2012	<200	68	<10	<50	<10	<10	<10	<10	14	<10	<10	<10	<10	<10	1,400	<10	<10	<10	<10	<10	<10	<30
	2/9/2012	<200	200	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1,600	<10	<10	<10	<10	<10	<10	<30
	4/9/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2,000	<10	<10	<10	<10	<10	<10	<30
	7/13/2012	<400	<100	<20	<100	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	2,000	<20	<20	<20	<20	<20	<20	<60
	10/9/2012	<100	<25	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	610	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	54	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	6/7/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	8.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	
11/25/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	

Notes:
 Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Green background denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
Summary of Detected Volatile Organic Compounds in Groundwater
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	Acetone ⁽²⁾	2-Butanone	Benzene ⁽²⁾	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene ⁽²⁾	Isopropylbenzene	n-Propyl Benzene ⁽²⁾	Tetrachloroethene	Toluene ⁽²⁾	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloroethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes ⁽²⁾
Residential Health-Based DW Criteria	730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000
Non-Residential Health-Based DW Criteria	2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000
GSI Criteria	1,700	2,200	200 ⁽¹⁾	1,100 ⁽¹⁾	350	740	360 ⁽¹⁾	130	620	1,500 ⁽¹⁾	18	28	NC	60 ⁽¹⁾	270	89	330 ⁽¹⁾	200 ⁽¹⁾	17	13 ⁽¹⁾	41
Residential GWSLs for Vapor Intrusion	8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000
Non-Residential GWSLs for Vapor Intrusion	3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000
Groundwater Contact Criteria	3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000 ⁽³⁾	56,000	1,000	1.9E+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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

PRB-10s (6-11') Depth to Groundwater* Approx. 7.0 - 8.0'	8/11/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	11	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	10/6/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	16	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	1/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	42	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	26	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/13/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	17	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	10/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.9	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	15	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	31	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	57	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	40	5.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	31	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
11/26/2014	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	16	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	
PRB-11s (15-20') Depth to Groundwater Approx. 15.5 - 16.5'	8/10/2011	<20	<5.0	<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	<1.0	<1.0	3.4	<1.0	<3.0
	10/6/2011	<20	<5.0	<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	<1.0	<1.0	1.5	<1.0	<3.0
	1/11/2012	<20	<5.0	<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	<1.0	<1.0	1.7	<1.0	<3.0
	4/9/2012	<20	<5.0	<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	<1.0	<1.0	1.4	<1.0	<3.0
	7/16/2012	<20	<5.0	<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	<1.0	<1.0	1.4	<1.0	<3.0
	10/11/2012	<20	<5.0	<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	<1.0	<1.0	<1.0	<1.0	<3.0
	3/4/2013	<20	<5.0	<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	<1.0	<1.0	1.3	<1.0	<3.0
	6/7/2013	<20	<5.0	<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	<1.0	<1.0	1.2	<1.0	<3.0
	8/26/2013	<20	<5.0	<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	<1.0	<1.0	1.5	<1.0	<3.0
	11/15/2013	<20	<5.0	<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	<1.0	<1.0	1.5	<1.0	<3.0
	5/29/2014	<20	<5.0	<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	<1.0	<1.0	1.4	<1.0	<3.0
11/26/2014	<20	<5.0	<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	<1.0	<1.0	1.4	<1.0	<3.0	
PRB-12s (15-20') Depth to Groundwater Approx. 15.5 - 16.5'	8/11/2011	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	17	<10	33	<10	1,100	<10	<30	
	10/7/2011	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	17	<10	35	<10	1,300	<10	<30	
	1/12/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	14	<10	26	<10	950	<10	<30	
	4/9/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	25	<10	850	<10	<30	
	7/12/2012	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	14	<10	27	10	1,200	<10	<30	
	10/11/2012	<200	84	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	16	<10	30	<10	1,600	<10	<30	
	3/5/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	21	<10	840	<10	<30	
	6/5/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	19	<10	950	<10	<30	
	8/27/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	24	<10	1,200	<10	<30	
	11/13/2013	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	16	<10	25	<10	1,200	<10	<30	
	5/29/2014	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	26	<10	870	<10	<30	
11/26/2014	<200	<50	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	30	<10	1,100	<10	<30		

Notes:
Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

 Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 2
 Summary of Detected Volatile Organic Compounds in Groundwater
 PRB Performance Monitoring
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	Acetone ⁽²⁾	2-Butanone	Benzene ⁽²⁾	Chloroethane	Chloroform	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene ⁽²⁾	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethylbenzene ⁽²⁾	Isopropylbenzene	n-Propyl Benzene ⁽²⁾	Tetrachloro-ethene	Toluene ⁽²⁾	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Trichloro-ethene	1,2,4-Tri-methyl-benzene	Vinyl Chloride	Total Xylenes ⁽²⁾	
Residential Health-Based DW Criteria	730	13,000	5.0	430	80	880	5.0	7.0	70	100	700	800	80	5.0	1,000	200	5.0	5.0	1,000	2.0	10,000	
Non-Residential Health-Based DW Criteria	2,100	38,000	5.0	1,700	80	2,500	5.0	7.0	70	100	700	2,300	230	5.0	1,000	200	5.0	5.0	2,900	2.0	10,000	
GSI Criteria	1,700	2,200	200 ⁽¹⁾	1,100 ⁽¹⁾	350	740	360 ⁽¹⁾	130	620	1,500 ⁽¹⁾	18	28	NC	60 ⁽¹⁾	270	89	330 ⁽¹⁾	200 ⁽¹⁾	17	13 ⁽¹⁾	41	
Residential GWSLs for Vapor Intrusion	8.2E+06	4.3E+06	27	44,000	140	4,300	41	370	83	360	700	10	92	94	36,000	17,000	96	10	1,700	2.8	10,000	
Non-Residential GWSLs for Vapor Intrusion	3.4E+07	1.8E+07	140	1.8E+05	720	18,000	210	1,600	350	1,500	2,600	53	390	460	1.5E+05	71,000	480	41	7,300	52	10,000	
Groundwater Contact Criteria	3.1E+07	2.4E+08	11,000	4.4E+05	1.5E+05	2.4E+06	19,000	11,000	2.0E+05	2.2E+05	1.7E+05	56,000	15,000	12,000	5.3E+05	1.3E+06	21,000	13,000 ⁽³⁾	56,000	1,000	1.9E+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	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
PRB-15d (29-34') Depth to Groundwater 16.0 - 17.0'	8/11/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<3.0	
	10/6/2011	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	5.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	<1.0	13	<1.0	1.9	<3.0
	1/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.4	<1.0	28	<1.0	1.2	<3.0
	4/9/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	<1.0	24	<1.0	2.0	<3.0
	7/12/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	19	<1.0	<1.0	<3.0
	10/11/2012	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.2	<1.0	26	<1.0	<1.0	<3.0
	3/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	<1.0	32	<1.0	<1.0	<3.0
	6/5/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	19	<1.0	<1.0	<3.0
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	21	<1.0	<1.0	<3.0
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.6	<1.0	26	<1.0	<1.0	<3.0
	5/29/2014	<20	<5.0	<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	<1.0	<1.0	6.5	<1.0	<1.0	<3.0
11/26/2014	<20	<5.0	<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	<1.0	<1.0	4.4	<1.0	<1.0	<3.0	
PRB-16s (5-10') Depth to Groundwater 6.5 - 7.5'	8/6/2012	<20	<5.0	<1.0	<5.0	<1.0	5.3	<1.0	1.4	51	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	5.5	3.5	<1.0	<1.0	<3.0	
	10/9/2012	<20	<5.0	<1.0	<5.0	<1.0	3.8	<1.0	1.1	31	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	5.5	4.6	<1.0	<1.0	<3.0	
	3/27/2013	<20	<5.0	<1.0	<5.0	<1.0	3.6	<1.0	1.1	29	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	2.8	12	<1.0	<1.0	<3.0
	6/6/2013	<20	<5.0	<1.0	<5.0	<1.0	4.4	<1.0	1.3	32	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	3.1	11	<1.0	<1.0	<3.0	
	8/27/2013	<20	<5.0	<1.0	<5.0	<1.0	7.9	<1.0	1.9	28	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	5.2	21	<1.0	<1.0	<3.0	
	11/14/2013	<20	<5.0	<1.0	<5.0	<1.0	12	<1.0	2.9	28	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	21	<1.0	<1.0	<3.0	
	5/30/2014	<20	<5.0	<1.0	<5.0	<1.0	8.2	<1.0	3.0	19	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	4.5	25	<1.0	<1.0	<3.0	
	12/1/2014	<20	<5.0	<1.0	<5.0	<1.0	9.9	<1.0	5.2	28	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.1	66	<1.0	<1.0	<3.0

Notes:
 Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter

NC = No criteria

Bold font denotes concentrations detected above laboratory reporting limits

Green background Denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 3.5 feet below ground surface (ft bgs) at PRB-09s; 4.0 ft bgs at PRB-06s; 5.0 ft bgs at PRB-08s, PRB-08d, and PRB-10s; 6.5 ft bgs at PRB-01s, PRB-02s, PRB-04s, and PRB-04d; 7.0 ft bgs at PRB-05s and PRB-07s; and 8.0 ft bgs at PRB-03s.

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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which were published by USEPA on September 28, 2011.

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
PRB-01s	8/10/2011	7.56	1,010	-74	0.33	20.8	18.23
	10/7/2011	7.54	858	-9	0.23	1.1	18.61
	1/11/2012	7.20	1,180	24	0.43	0.0	10.42
	4/10/2012	7.71	626	-7	0.32	1.7	9.70
	7/16/2012	6.99	810	-94	0.60	10.5	17.75
	10/10/2012	NM	NM	-35	0.31	10.8	17.93
	3/4/2013	7.38	813	-51	0.93	0.2	7.91
	6/7/2013	7.48	925	-69	0.35	0.6	12.75
	8/26/2013	7.21	950	-82	0.60	13.0	19.60
	11/15/2013	6.81	679	-50	1.41	27.3	14.79
5/30/2014	7.42	659	-67	0.80	0.87	11.76	
11/24/2014	7.03	485	-23.4	0.46	2.20	13.86	
PRB-02s	8/10/2011	7.70	1,051	-55	0.31	22.9	18.05
	10/7/2011	7.62	1,117	-58.4	0.20	3.6	18.72
	1/11/2012	7.24	708	-7	0.41	2.0	10.65
	4/10/2012	7.62	728	-47	0.42	1.2	9.75
	7/13/2012	7.39	747	-91	0.37	15.7	18.34
	10/10/2012	NM	NM	-56	0.28	11.7	17.91
	3/5/2013	6.98	625	107	1.12	0.6	6.20
	6/7/2013	7.63	679	20	0.27	0.5	12.42
	8/26/2013	7.38	527	-61	0.59	13.9	19.63
	11/15/2013	6.71	840	-39	0.93	28.0	14.43
	6/5/2014	7.26	762	-0.3	0.56	0.81	12.66
11/24/2014	7.12	624	-3.7	0.67	1.91	14.15	
PRB-03s	8/10/2011	7.46	392	-199	0.40	22.1	17.41
	10/6/2011	7.07	497	-164.1	0.38	2.1	16.95
	1/11/2012	7.15	641	-146	0.49	0.5	9.56
	4/10/2012	7.61	465	-107	0.37	4.4	9.63
	7/16/2012	7.27	719	-178	0.43	32.1	19.33
	10/9/2012	NM	529	-134	0.36	11.7	17.69
	3/4/2013	7.10	927	-85	1.82	3.9	7.07
	6/6/2013	7.30	575	-199	0.76	2.4	12.54
	8/26/2013	7.20	522	-147	0.62	17.9	21.09
	11/15/2013	6.92	488	-121	1.45	39.0	15.17
5/28/2014	7.28	686	-128	0.70	4.18	11.53	
11/25/2014	7.25	462	-113.8	0.71	5.50	12.62	
PRB-04s	8/10/2011	7.43	737	-152	0.36	23.9	17.60
	10/7/2011	7.70	964	-137	0.21	4.9	16.78
	1/11/2012	7.29	825	-172	0.31	8.0	10.27
	4/10/2012	7.53	894	-161	0.25	1.9	9.86
	7/16/2012	7.04	988	-172	0.43	19.8	18.09
	10/4/2012	NM	592	-173	0.26	5.0	17.88
	3/4/2013	6.98	659	-86	0.69	1.7	8.58
	6/6/2013	7.27	739	-130	0.35	1.5	11.39
	8/26/2013	6.95	692	-136	0.59	16.1	18.14
	11/15/2013	6.68	507	-129	0.91	45.8	13.98
	5/28/2014	7.24	673	-137	0.47	9.52	11.02
11/24/2014	7.11	379	-98.3	0.51	2.33	12.92	

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = millivolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
PRB-04d	8/10/2011	7.27	1,160	-192	0.25	22.0	13.20
	10/7/2011	7.49	1,127	-110.4	0.23	3.5	13.94
	1/1/2012	7.05	1,177	-169	0.34	0.0	12.00
	4/10/2012	7.53	959	-91	0.39	3.3	11.25
	7/16/2012	7.25	1,113	-138	0.38	27.3	15.21
	10/4/2012	NM	1,009	-176	0.27	1.8	14.58
	3/4/2013	7.28	947	-80	1.46	1.8	10.65
	6/6/2013	7.67	897	-210	0.32	8.1	11.79
	8/26/2013	7.22	1,155	-122	0.58	17.0	15.78
	11/15/2013	6.95	1,047	-116	1.12	29.6	13.45
5/28/2014	7.40	1,061	-139	0.32	9.72	11.95	
11/25/2014	7.32	658	-75.9	0.84	1.84	11.60	
PRB-05s	8/11/2011	7.52	556	37	5.56	26.6	17.05
	10/6/2011	7.47	500	5.7	5.08	2.5	17.45
	1/12/2012	7.20	607	48	4.74	1.2	9.09
	4/9/2012	7.60	490	64	5.31	2.5	10.38
	7/12/2012	7.38	618	31	4.77	14.2	17.05
	10/9/2012	NM	NM	54	6.09	11.0	16.74
	3/5/2013	7.53	423	59	8.34	3.4	6.50
	6/7/2013	7.35	426	120	4.25	0.5	11.36
	8/27/2013	7.20	659	29	2.17	19.8	17.73
	11/14/2013	7.04	488	32	4.03	28.5	13.78
	5/29/2014	7.53	523	32	5.94	1.02	10.18
11/25/2014	7.41	383	14.9	4.52	1.53	11.62	
PRB-06s	8/11/2011	6.49	13,900	-177	0.14	62.8	20.08
	10/6/2011	6.28	8,656	-114.8	0.09	77.7	19.11
	1/12/2012	6.77	2,480	-153	1.60	29.8	9.04
	4/10/2012	7.42	1,146	-123	1.46	54.9	7.98
	7/12/2012	7.19	1,780	-192	1.36	207	20.31
	10/9/2012	NM	NM	-75	6.85	88.0	21.28
	3/5/2013	7.12	243	-59	1.29	25.5	5.34
	6/7/2013	7.51	795	-147	0.76	42.0	11.01
	8/27/2013	7.37	1,185	-165	0.60	70.3	18.12
	11/14/2013	7.81	1,081	-188	1.06	68.2	14.31
	5/29/2014	7.45	998	-160	2.10	86.1	12.94
11/25/2014	7.44	498	-113.9	2.57	59.2	8.61	
PRB-07s	8/10/2011	7.59	667	-188	0.29	23.0	17.81
	10/7/2011	7.64	577	-97.1	0.25	1.7	17.12
	1/11/2012	7.14	591	-88	0.35	1.1	9.88
	4/10/2012	7.65	443	-42	0.58	2.1	9.09
	7/16/2012	7.10	675	-118	0.44	32.5	16.99
	10/4/2012	NM	560	-109	0.34	3.5	17.66
	3/4/2013	7.28	538	-71	1.78	1.7	8.00
	6/6/2013	7.66	703	-212	0.33	0.7	12.25
	8/26/2013	7.27	832	-139	0.52	16.9	18.90
	11/15/2013	6.80	725	-98	0.89	29.3	13.99
	5/28/2014	7.49	658	-154	0.32	2.32	11.26
11/25/2014	7.23	502	-86.7	0.72	3.99	12.29	

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = millivolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
PRB-08s	8/10/2011	7.44	1,119	-122	0.28	22.7	18.39
	10/6/2011	7.35	1,148	-143.5	0.37	2.3	17.02
	1/11/2012	7.06	1,233	-129	0.41	1.0	9.97
	4/10/2012	7.29	965	-105	0.31	1.1	10.28
	7/13/2012	6.91	1,157	-105	0.37	14.7	17.80
	10/4/2012	NM	796	-111	0.30	5.9	18.72
	3/5/2013	7.01	832	-49	1.92	9.8	7.08
	6/6/2013	7.51	856	-164	0.30	4.3	13.12
	8/26/2013	7.11	982	-115	0.59	17.0	19.56
	11/15/2013	6.67	703	-93	1.75	31.0	14.00
PRB-08d	5/28/2014	7.36	716	-111	0.39	6.54	11.29
	11/25/2014	6.99	467	-45.7	0.68	5.24	12.94
	8/10/2011	7.59	1,044	-162	0.20	21.0	14.30
	10/6/2011	7.40	996	-93	0.27	9.6	14.05
	1/11/2012	7.05	972	-90	0.41	0.0	11.91
	4/10/2012	7.40	836	-63	0.23	1.5	11.92
	7/13/2012	7.23	1,163	-105	0.33	14.2	16.05
	10/4/2012	NM	874	-126	0.25	4.4	15.18
	3/5/2013	7.29	812	-30	0.94	3.3	10.34
	6/6/2013	7.55	819	-119	0.29	8.6	13.42
PRB-09s	8/26/2013	7.22	989	-94	0.55	32.5	17.30
	11/15/2013	6.76	829	-70	2.22	33.8	12.70
	5/28/2014	7.41	942	-99	0.27	8.90	12.54
	11/25/2014	7.27	677	-73.8	0.55	6.50	13.23
	8/11/2011	6.70	8,440	-202	0.15	41.8	19.38
	10/6/2011	7.04	2,984	-130.8	2.45	91.0	20.65
	1/12/2012	7.02	2,370	-140	0.88	25.0	9.80
	4/9/2012	7.50	1,840	-143	0.86	37.8	12.68
	7/13/2012	7.27	3,470	-198	0.36	57.7	18.97
	10/9/2012	NM	1,910	-109	5.69	74.7	21.55
PRB-10s	3/5/2013	7.35	468	-42	1.69	35.7	6.23
	6/7/2013	7.51	1,156	-106	4.03	52.1	13.29
	8/27/2013	7.14	1,800	-150	0.70	33.0	19.75
	11/14/2013	6.92	1,590	-140	1.97	41.7	14.72
	5/30/2014	6.96	990	-96	3.74	18.3	11.50
	11/25/2014	7.18	993	-101.4	1.72	14.6	10.92
	8/11/2011	7.37	1,054	-66	2.95	21.1	18.54
	10/6/2011	6.95	992	27.5	2.90	1.7	18.81
	1/12/2012	6.97	1,158	37	1.57	24.0	10.15
	4/9/2012	7.33	827	96	3.20	3.3	11.58
PRB-10s	7/13/2012	6.79	1,392	68	2.28	12.2	17.92
	10/9/2012	NM	921	40	1.42	9.7	18.79
	3/5/2013	7.25	672	93	5.41	0.5	7.37
	6/6/2013	7.57	591	62	6.56	1.2	13.73
	8/27/2013	6.78	966	136	4.99	16.8	19.01
	11/14/2013	6.74	875	49	3.30	29.9	14.20
	5/30/2014	7.21	636	39	6.39	1.84	12.35
	11/26/2014	7.02	625	139.2	6.00	6.66	12.61

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = millivolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
PRB-11s	8/10/2011	7.39	530	133	6.63	19.1	14.12
	10/6/2011	6.97	454	-6.3	8.12	3.1	13.80
	1/11/2012	7.24	454	188	5.30	1.0	10.80
	4/9/2012	7.67	394	46	6.95	11.8	12.27
	7/16/2012	7.52	503	0	6.50	21.8	15.50
	10/11/2012	7.63	NM	56	7.48	12.2	13.71
	3/4/2013	7.28	389	180	6.31	0.3	10.55
	6/7/2013	7.78	338	112	6.38	2.2	11.69
	8/26/2013	7.30	424	163	7.58	14.9	15.14
	11/15/2013	7.19	350	20	7.20	27.9	12.81
5/29/2014	7.39	535	161	7.18	1.62	11.52	
11/26/2014	7.31	297	116.6	9.88	3.93	11.58	
PRB-12s	8/11/2011	7.65	890	-48	4.75	21.8	13.28
	10/6/2011	6.94	988	59.2	4.59	3.1	13.72
	1/12/2012	7.00	1,001	143	3.72	2.1	11.26
	4/9/2012	7.56	674	90	6.07	4.1	11.67
	7/12/2012	7.10	1,143	191	2.96	7.9	13.13
	10/11/2012	7.29	NM	202	3.64	12.0	13.54
	3/5/2013	8.19	196	70	6.81	2.6	7.09
	6/5/2013	7.73	523	218	8.65	0.6	12.22
	8/27/2013	7.41	731	21	6.14	18.0	16.40
	11/13/2013	7.28	838	1.83	4.36	25.9	12.30
	5/29/2014	7.59	815	84	5.59	0.94	11.56
11/26/2014	7.42	876	75	5.43	33.60	11.81	
PRB-13s	8/11/2011	7.66	686	-77	1.44	24.0	14.70
	10/6/2011	6.81	721	46.1	2.36	1.1	14.77
	1/12/2012	7.18	626	115	1.32	0.0	12.96
	4/3/2012	7.23	570	62	1.00	1.0	14.65
	7/12/2012	7.31	684	25	1.92	13.9	15.53
	10/11/2012	7.39	NM	169	2.72	13.3	14.56
	3/5/2013	7.47	615	43	2.59	7.0	11.96
	6/5/2013	7.82	593	146	1.43	4.5	15.14
	8/27/2013	7.32	631	-15	1.70	16.8	17.13
	11/13/2013	7.23	547	64	2.36	26.9	12.16
5/29/2014	7.45	715	47	1.39	0.00	13.64	
11/26/2014	7.32	767	31	2.64	33.9	12.22	
PRB-14s	8/11/2011	7.56	952	-111	0.33	32.0	14.93
	10/6/2011	7.38	698	6.2	0.32	3.3	15.58
	1/12/2012	6.75	704	8	0.39	9.9	13.05
	4/3/2012	7.47	651	25	0.55	6.3	14.10
	7/12/2012	7.33	835	4	0.42	16.3	16.12
	10/11/2012	7.44	NM	86	0.91	14.3	15.29
	3/5/2013	7.45	628	36	2.39	3.0	10.40
	6/5/2013	7.74	681	153	0.66	0.8	14.64
	8/27/2013	7.32	770	-9	0.65	17.2	17.57
	11/13/2013	7.24	592	20	1.29	26.5	12.60
	5/29/2014	7.51	730	29	0.55	0.95	13.92
11/26/2014	7.38	788	-25	1.12	36.1	11.98	

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = millivolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius
 NM = not measured

Table 3
Field Data
PRB Performance Monitoring
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
PRB-15s	8/11/2011	7.43	924	-103	0.91	28.0	14.63
	10/6/2011	7.05	914	25	1.82	2.5	16.01
	1/12/2012	7.53	467	95	3.75	32.0	12.67
	4/9/2012	7.35	729	119	1.55	7.8	11.74
	7/12/2012	7.17	1,154	48	1.63	14.6	15.52
	10/11/2012	7.40	NM	-68	0.74	11.3	16.17
	3/5/2013	7.39	538	5	1.07	2.0	10.20
	6/5/2013	7.52	1,058	169	3.79	2.9	13.92
	8/27/2013	7.02	969	58	2.10	17.1	17.60
	11/14/2013	6.77	608	243	1.40	28.0	14.03
PRB-15d	5/29/2014	7.35	750	46	3.28	1.09	13.01
	11/26/2014	7.27	893	52	4.04	37.50	11.71
	8/11/2011	7.52	1,009	-172	0.41	26.9	14.85
	10/6/2011	7.20	876	-82.5	0.28	4.2	14.86
	1/12/2012	7.10	957	-162	0.42	0.5	13.09
	4/9/2012	7.39	877	41	0.56	5.1	12.76
	7/12/2012	7.35	1,195	-88	0.32	14.3	16.03
	10/11/2012	7.46	NM	-110	0.38	12.8	14.76
	3/5/2013	7.43	850	-74	1.28	5.9	10.21
	6/5/2013	7.80	919	-218	0.38	3.1	14.67
	8/27/2013	7.19	1,097	-90	0.60	22.0	17.26
11/14/2013	6.98	916	-98	1.15	32.0	13.43	
PRB-16s	5/29/2014	7.38	1,091	-116	0.46	0.96	14.28
	11/26/2014	7.53	944	51	1.45	41.3	11.47
	7/12/2012	7.01	778	68	2.81	4.8	21.05
	10/9/2012	NM	641	58	3.12	12.6	19.01
	3/27/2013	8.70	883	93	4.37	0.0	8.56
	6/6/2013	7.46	834	68	3.70	0.9	14.25
	8/27/2013	7.00	833	45	3.25	17.1	19.14
	11/14/2013	6.89	649	28	2.90	26.9	14.17
5/30/2014	7.29	605	-66	2.94	2.83	12.99	
12/1/2014	7.18	561	-76	1.68	28.2	11.49	

Notes:

S.U. = Standard pH Units, umhos/cm = micromhos per centimeter, mV = millivolts, mg/L = milligrams per Liter, NTU = Nephelometric Turbidity Units, °C = degrees Celsius

NM = not measured

Table 4
 Summary of Dissolved Gases Near PRB Section 1
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Ethane	Ethylene
Units		ug/L	ug/L	ug/L
PRB-01s	10/7/2011	7.0	9.1	<1.0
	1/11/2012	1,800	3.7	2.2
	4/10/2012	9,700 ⁽¹⁾	9.6	1.0
	7/16/2012	470	1.7	1.2
	10/10/2012	340	<1.0	<1.0
	3/4/2013	4,500	3.2	58
	6/7/2013	1,300	3.1	9.4
	8/26/2013	180	<1.0	1.4
	11/15/2013	480	<1.0	<1.0
	5/30/2014	930	<1.0	7.4
11/24/2014	12	<1.0	<1.0	
PRB-02s	10/7/2011	730	4.5	<1.0
	1/11/2012	2,400	1.9	<1.0
	4/10/2012	9,200	5.0	<1.0
	7/13/2012	8,800	1.2	1.7
	10/10/2012	1,800	2.0	12
	3/5/2013	1,600	<1.0	20
	6/7/2013	4,100	1.1	61
	8/26/2013	3,100	<1.0	4.9
	11/15/2013	7,500	3.6	7.0
	6/5/2014	2,700	1.2	4.2
11/24/2014	3,500	2.7	1.1	
PRB-04s	10/7/2011	20	3.1	<1.0
	1/11/2012	2,300	6.5	20
	4/10/2012	9,000	13	180
	7/16/2012	7,300	7.6	250
	10/4/2012	3,400	2.6	100
	3/4/2013	12,000	1.6	84
	6/6/2013	14,000	1.2	160
	8/26/2013	8,800	1.7	76
	11/15/2013	4,500	7.0	87
	5/28/2014	4,600	36	59
11/24/2014	2,700	19	72	
PRB-06s	10/6/2011	--	--	--
	1/12/2012	1,700	21	74
	4/10/2012	14,000	27	78
	7/12/2012	9,100	17	54
	10/9/2012	3,000	11	30
	3/5/2013	6,800	24	40
	6/7/2013	10,000	26	<1.0
	8/27/2013	12,000	6.9	39
	11/14/2013	14,000	33	32
	5/29/2014	6,200	29	13
11/25/2014	8,400	22	7.6	

Notes:

ug/L = micrograms per liter

-- = Not analyzed

1) Reported concentration is greater than the calibrated range of the instrument. Result is approximate.

Table 4
 Summary of Dissolved Gases Near PRB Section 1
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Ethane	Ethylene
Units		ug/L	ug/L	ug/L
PRB-07s	10/7/2011	1,500	1.9	<1.0
	1/11/2012	1,600	2.0	1.3
	4/10/2012	11,000	<1.0	<1.0
	7/16/2012	8,700	1.4	1.1
	10/4/2012	3,200	1.4	<1.0
	3/4/2013	5,000	2.2	<1.0
	6/6/2013	7,800	2.1	16
	8/26/2013	2,200	1.4	4.4
	11/15/2013	2,100	1.1	4.9
	5/28/2014	1,100	1.0	3.6
11/25/2014	730	1.8	3.3	
PRB-08s	10/7/2011	2,200	2.6	1.1
	1/11/2012	1,700	<1.0	<1.0
	4/10/2012	9,700	1.2	<1.0
	7/13/2012	8,200	1.0	<1.0
	10/4/2012	3,000	<1.0	<1.0
	3/5/2013	1,600	<1.0	1.3
	6/6/2013	1,100	<1.0	1.3
	8/26/2013	780	<1.0	1.5
	11/15/2013	94	<1.0	<1.0
	5/28/2014	100	<1.0	<1.0
11/25/2014	180	<1.0	<1.0	
PRB-09s	10/6/2011	--	--	--
	1/12/2012	1,500	4.0	4.1
	4/9/2012	15,000	6.2	7.2
	7/13/2012	10,000	6.9	2.8
	10/9/2012	1,600	<1.0	<1.0
	3/5/2013	3,700	3.7	<1.0
	6/7/2013	6,300	6.9	<1.0
	8/27/2013	7,800	1.8	<1.0
	11/14/2013	8,800	5.6	<1.0
	5/30/2014	8,400	6.4	<1.0
11/25/2014	9,200	4.5	<1.0	

Notes:

ug/L = micrograms per liter

-- = Not analyzed

1) Reported concentration is greater than the calibrated range of the instrument. Result is approximate.

Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-01 ^(1,2)	11/4/2011	10.8	2.7	15.0	71.3
	11/14/2011	16.0	4.5	12.2	67.7
	12/14/2011	24.0	4.0	10.0	62.6
	1/24/2012	0.0	0.0	21.5	78.5
	2/15/2012	8.1	3.9	13.8	74.2
	2/22/2012	0.9	1.8	18.5	78.7
	2/28/2012	0.5	1.7	19.3	78.5
	3/7/2012	0.7	1.4	19.2	78.7
	3/21/2012	0.7	2.6	18.6	78.0
	5/2/2012	0.5	1.1	18.8	79.5
	6/14/2012	0.1	1.1	20.6	78.2
	8/23/2012	0.2	1.2	19.3	79.3
	11/29/2012	0.0	0.8	20.4	78.6
	1/24/2013	0.0	0.4	20.3	79.2
	2/28/2013	0.0	0.7	19.8	79.5
	3/25/2013	0.0	0.5	20.1	79.2
	5/23/2013	0.0	0.6	21.4	78.0
	8/16/2013	0.0	1.6	19.4	79.0
	11/5/2013	0.0	0.6	20.0	79.3
	1/28/2014 ⁽⁴⁾	--	--	--	--
2/26/2014	0.0	0.9	19.0	80.1	
3/21/2014	0.0	0.5	19.9	79.5	
5/21/2014	0.0	0.6	20.1	79.3	
7/16/2014	0.0	0.6	20.1	79.2	
11/12/2014	0.1	0.7	20.6	78.6	
12/4/2014	0.0	0.2	21.0	78.7	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
- 3) Water in sample port. Gas reading terminated prior to stabilization.
- 4) Sample port frozen.
- 5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-02 ^(1,2)	11/4/2011	39.5	3.9	10.1	46.7
	11/14/2011	32.0	4.3	8.8	53.5
	12/14/2011	33.0	3.2	11.8	52.8
	1/24/2012	26.4	4.6	3.7	65.4
	2/15/2012	12.6	4.2	11.9	71.3
	2/22/2012	1.8	2.4	15.5	80.2
	2/28/2012	0.9	2.7	17.3	79.0
	3/7/2012	1.2	2.2	17.5	78.9
	3/21/2012	1.0	3.4	17.3	78.3
	5/2/2012	1.0	3.1	16.6	79.3
	6/14/2012	0.5	2.4	19.2	77.9
	8/23/2012	0.2	1.8	18.6	79.4
	11/29/2012	0.0	1.0	20.2	78.7
	1/24/2013	0.0	0.5	20.3	79.1
	2/28/2013	0.0	0.7	19.6	79.7
	3/25/2013	0.0	0.4	20.6	78.8
	5/23/2013	0.0	0.6	21.4	78.0
	8/16/2013	0.0	1.6	19.3	79.1
	11/5/2013	0.0	0.8	19.9	79.3
	1/28/2014 ⁽⁴⁾	--	--	--	--
2/26/2014	0.0	0.9	20.2	78.9	
3/21/2014	0.0	0.4	20.6	79.0	
5/19/2014	0.0	0.4	20.2	79.4	
7/16/2014	0.0	0.6	20.1	79.3	
11/12/2014	0.1	0.8	20.5	78.5	
12/4/2014	0.0	0.1	21.2	78.6	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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- 4) Sample port frozen.
- 5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-03 ^(1,2)	11/4/2011	18.9	2.0	15.7	63.4
	11/14/2011	29.0	3.1	13.2	54.3
	12/14/2011	33.0	2.8	14.0	50.3
	1/24/2012	0.0	0.0	21.5	78.4
	2/15/2012	32.6	4.1	5.9	57.4
	2/22/2012	12.0	3.3	11.7	73.3
	2/28/2012	6.8	3.5	13.2	76.6
	3/7/2012	6.5	3.5	12.9	77.0
	3/21/2012	5.4	4.7	12.5	77.3
	5/2/2012	6.1	5.3	12.3	76.3
	6/14/2012	1.4	4.4	16.1	78.2
	8/23/2012	0.7	4.6	14.3	80.4
	11/29/2012	0.1	2.7	18.3	79.0
	1/24/2013	0.0	1.2	18.7	80.0
	2/28/2013	0.0	1.4	17.8	80.8
	3/25/2013	0.0	1.0	19.0	78.9
	5/23/2013	0.0	1.8	19.7	78.4
	8/16/2013	0.0	3.5	16.6	80.0
	11/5/2013	0.0	2.0	18.0	79.9
	1/28/2014	0.0	1.6	18.9	79.3
2/26/2014	0.0	1.4	19.4	79.2	
3/21/2014	0.0	0.1	21.1	78.8	
5/21/2014	0.0	1.0	19.2	79.8	
7/16/2014	0.0	1.5	18.8	79.6	
11/12/2014	0.1	1.9	19.5	78.4	
12/4/2014	0.0	0.9	20.3	78.8	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte	Methane	Carbon Dioxide	Oxygen	Balance Gas	
Units	%	%	%	%	
V-04 ⁽¹⁾	11/4/2011	10.2	0.6	17.9	72.7
	11/14/2011	25.6	1.5	14.3	58.4
	12/14/2011	5.8	0.4	20.5	72.8
	1/24/2012	0.9	0.1	21.1	77.9
	2/15/2012	0.1	0.0	20.5	79.3
	2/22/2012	NM	NM	NM	NM
	2/28/2012	0.0	0.0	21.0	78.9
	3/7/2012	1.5	0.0	20.2	78.1
	3/21/2012	0.0	0.0	20.8	79.1
	5/2/2012	0.0	0.0	20.2	79.7
	6/14/2012	0.0	0.1	21.5	78.4
	8/23/2012	0.1	0.0	20.6	79.2
	11/29/2012	0.0	0.1	21.1	78.7
	1/24/2013	0.0	0.1	20.7	79.0
	2/28/2013	0.0	0.0	21.4	78.6
	3/25/2013	0.0	0.1	20.7	79.1
	5/23/2013	0.0	0.0	22.2	77.8
	8/16/2013	0.0	0.0	20.4	79.6
	11/5/2013	0.0	0.1	20.8	79.0
	1/28/2014	0.0	0.3	21.0	78.6
2/26/2014	0.0	0.1	22.1	77.8	
3/21/2014	0.0	0.1	21.3	78.6	
5/19/2014	0.0	0.0	20.8	79.2	
7/16/2014	0.0	0.0	20.8	79.2	
11/12/2014	0.0	0.0	21.2	78.7	
12/4/2014	0.0	0.0	21.6	78.4	
V-05	11/4/2011	0.3	0.3	20.0	79.5
	11/14/2011	0.2	0.2	21.2	78.3
	12/14/2011	0.7	0.3	21.4	77.7
	1/24/2012	0.2	0.1	21.3	78.4
	2/15/2012	0.2	0.3	20.4	79.1
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.2	0.1	20.2	79.6
	6/14/2012	0.1	0.3	21.1	78.2
	8/23/2012	0.7	6.2	11.2	81.8
	11/29/2012	0.7	2.3	18.0	78.9
	1/24/2013	0.5	0.4	19.8	79.1
	2/28/2013	0.0	0.0	21.5	78.5
	3/25/2013	1.0	0.6	18.9	79.4
	5/23/2013	4.6	4.0	13.9	77.3
	8/16/2013	0.0	0.0	20.4	79.6
	11/5/2013	0.0	0.1	20.9	78.8
	1/28/2014	0.6	2.0	17.1	80.3
	2/26/2014	0.0	0.2	22.2	77.6
	3/21/2014	0.0	0.1	21.3	78.6
	5/19/2014	1.1	0.7	18.6	79.7
7/16/2014	0.7	1.1	18.8	79.3	
11/12/2014	1.9	2.8	17.3	77.8	
12/4/2014	0.0	0.0	21.6	78.4	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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- 4) Sample port frozen.
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Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-06	11/4/2011	0.2	0.2	20.3	79.1
	11/14/2011	0.7	0.3	21.1	77.9
	12/14/2011	0.7	0.2	21.8	77.3
	1/24/2012	0.9	0.2	21.2	77.7
	2/15/2012	0.7	0.1	20.5	78.8
	3/21/2012	0.5	0.0	20.7	78.7
	5/2/2012	0.5	0.1	20.0	79.3
	6/14/2012	0.3	0.2	21.2	78.0
	8/23/2012	1.4	5.6	12.7	80.1
	11/29/2012	1.0	2.5	17.3	78.7
	1/24/2013	2.0	0.6	19.3	78.1
	2/28/2013	6.6	1.3	16.9	75.1
	3/25/2013	6.4	1.2	16.8	75.6
	5/23/2013	7.0	2.5	16.4	73.8
	8/16/2013	0.9	0.3	19.9	78.8
	11/5/2013	3.5	0.8	18.4	77.3
	1/28/2014	2.7	1.9	17.5	77.5
	2/26/2014	4.3	0.6	18.9	76.2
	3/21/2014	0.0	0.3	21.4	78.3
	5/19/2014	3.1	0.6	18.6	77.6
7/16/2014	1.1	0.7	19.4	78.6	
11/12/2014	4.0	2.2	17.7	76.1	
12/4/2014	0.9	0.0	20.8	78.2	
V-07	11/4/2011	0.0	0.1	20.4	79.3
	11/14/2011	0.4	0.2	21.1	78.1
	12/14/2011	1.0	0.2	21.7	77.1
	1/24/2012	0.2	0.1	21.3	78.4
	2/15/2012	0.3	0.1	20.8	78.9
	3/21/2012	0.1	0.0	20.8	79.0
	5/2/2012	0.0	0.0	20.3	79.7
	6/14/2012	0.0	0.1	21.4	78.5
	8/23/2012	0.1	0.3	20.4	79.2
	11/29/2012	0.4	1.2	19.7	78.6
	1/24/2013	1.5	0.5	19.5	78.3
	2/28/2013	6.5	0.8	17.6	75.0
	3/25/2013	5.0	0.9	16.8	76.9
	5/23/2013	2.9	1.6	17.8	77.7
	8/16/2013	0.3	0.1	20.3	79.3
	11/5/2013	1.6	0.5	19.8	78.1
	1/28/2014	2.3	0.9	18.7	78.3
	2/26/2014	2.9	0.6	20.6	75.9
	3/21/2014	0.0	0.2	21.4	78.4
	5/19/2014	0.7	0.2	19.9	79.3
7/16/2014	0.1	0.1	20.5	79.2	
11/12/2014	0.7	0.6	20.3	78.3	
12/4/2014	0.0	0.0	21.4	78.5	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

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- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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- 4) Sample port frozen.
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Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-08	11/4/2011	0.9	0.1	20.1	78.7
	11/14/2011	2.4	0.3	20.3	76.9
	12/14/2011	1.5	0.2	21.6	77.0
	1/24/2012	1.7	0.1	20.8	77.5
	2/15/2012	1.8	0.2	20.3	77.5
	3/21/2012	1.3	0.0	20.4	78.3
	5/2/2012	0.6	0.1	19.6	79.6
	6/14/2012	0.5	0.4	20.9	78.2
	8/23/2012	1.4	3.5	15.3	79.7
	11/29/2012	0.2	0.6	20.7	78.5
	1/24/2013	0.4	0.3	20.6	78.5
	2/28/2013	0.0	0.0	21.7	78.3
	3/25/2013	0.9	0.3	20.0	78.7
	5/23/2013	2.8	1.4	18.9	76.8
	8/16/2013	0.0	0.1	20.4	79.5
	11/5/2013	1.2	3.2	13.7	81.8
	1/28/2014	1.5	1.0	19.2	78.5
	2/26/2014	1.5	0.6	21.2	76.7
	3/21/2014	0.0	0.1	21.6	78.3
	5/19/2014	0.3	0.3	19.7	79.8
7/16/2014	0.2	0.5	19.9	79.1	
11/12/2014	1.5	1.5	19.5	77.5	
12/4/2014	0.0	0.0	21.4	78.5	
V-09	11/4/2011	0.1	0.0	20.4	79.4
	11/14/2011	0.3	0.1	21.0	78.3
	12/14/2011	0.0	0.0	22.2	77.8
	1/24/2012	0.4	0.1	21.0	78.3
	2/15/2012	0.2	0.1	20.8	78.8
	3/21/2012	0.0	0.1	20.6	79.2
	5/2/2012	0.0	0.1	19.8	80.1
	6/14/2012	0.0	0.4	20.9	78.6
	8/23/2012	0.5	0.6	19.8	79.0
	11/29/2012	0.6	0.7	20.2	78.4
	1/24/2013	0.8	0.2	20.6	78.3
	2/28/2013	0.0	0.1	21.7	78.2
	3/25/2013	3.2	0.4	19.5	76.6
	5/23/2013	2.8	1.2	19.6	76.6
	8/16/2013	0.0	0.0	20.5	79.5
	11/5/2013	0.6	0.6	19.4	79.2
	1/28/2014	0.8	0.5	20.3	78.3
	2/26/2014	1.0	0.3	21.9	76.8
	3/21/2014	0.0	0.1	21.7	78.2
	5/19/2014	0.3	0.1	19.9	79.7
7/16/2014	0.2	0.9	19.2	79.5	
11/12/2014	1.0	0.5	20.5	77.9	
12/4/2014	0.0	0.0	21.5	78.4	

Notes:

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 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-10	11/4/2011	0.0	0.1	20.5	79.3
	11/14/2011	0.0	0.1	21.3	78.7
	12/14/2011	0.0	0.1	21.7	78.2
	1/24/2012	0.0	0.1	21.2	78.6
	2/15/2012	0.1	0.1	20.8	78.9
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.2	19.7	80.1
	6/14/2012	0.0	0.4	21.0	78.5
	8/23/2012	0.1	1.3	18.5	80.0
	11/29/2012	0.0	3.3	15.9	80.6
	1/24/2013	0.0	0.3	20.6	79.0
	2/28/2013	0.6	1.0	16.6	81.7
	3/25/2013	1.2	2.1	15.7	80.8
	5/23/2013	0.2	6.4	11.7	82.7
	8/16/2013	0.0	4.1	14.2	81.7
	11/5/2013	0.0	5.8	10.9	83.2
	1/28/2014	0.9	4.4	14.4	80.2
	2/26/2014	1.3	3.2	16.6	78.9
3/21/2014	0.0	0.2	21.5	78.3	
5/19/2014	0.2	0.7	18.5	80.6	
7/16/2014	0.0	5.7	13.2	81.0	
11/12/2014	0.1	4.8	14.7	80.3	
12/4/2014	0.0	0.1	19.8	80.0	
V-11	11/4/2011	0.3	0.2	20.1	79.2
	11/14/2011	0.9	0.3	20.7	78.1
	12/14/2011	0.0	0.0	22.2	77.8
	1/24/2012	0.7	0.1	21.0	78.1
	2/15/2012	0.6	0.1	20.8	78.5
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.2	0.1	19.8	79.9
	6/14/2012	0.3	0.4	20.9	78.3
	8/23/2012	3.0	1.9	17.8	77.2
	11/29/2012	3.5	3.5	15.1	77.9
	1/24/2013	1.3	1.2	18.5	79.0
	2/28/2013	3.8	2.0	14.8	79.4
	3/25/2013	5.6	3.8	11.0	79.7
	5/23/2013	6.2	4.1	12.1	76.6
	8/16/2013	2.5	1.9	17.6	78.3
	11/5/2013	5.4	7.6	6.2	80.9
	1/28/2014	3.4	7.4	7.8	81.2
	2/26/2014	3.4	7.1	7.9	81.6
3/21/2014	0.0	0.2	21.4	78.4	
5/19/2014	1.6	1.2	17.2	80.0	
7/16/2014	2.6	2.2	16.6	78.5	
11/12/2014	3.1	7.1	8.5	81.3	
12/4/2014	0.1	0.6	19.1	80.1	

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 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-12	11/4/2011	0.4	0.5	19.7	79.5
	11/14/2011	0.1	0.4	20.5	78.8
	12/14/2011	0.0	0.1	22.2	77.7
	1/24/2012	0.0	0.1	21.1	78.7
	2/15/2012	0.0	0.0	21.0	78.8
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.1	19.9	80.0
	6/14/2012	0.0	0.3	21.1	78.5
	8/23/2012	2.3	1.4	18.0	78.4
	11/29/2012	1.8	3.3	16.3	78.6
	1/24/2013	1.6	1.7	17.5	79.1
	2/28/2013	4.9	3.7	12.1	79.2
	3/25/2013	5.3	4.6	10.6	80.0
	5/23/2013	7.4	7.2	5.2	80.3
	8/16/2013	1.5	1.7	18.2	78.5
	11/5/2013	5.9	9.7	3.8	80.4
	1/28/2014	2.9	5.3	13.1	79.0
	2/26/2014	5.4	6.5	9.5	78.6
	3/21/2014	0.6	0.6	20.2	78.6
	5/19/2014	3.8	2.4	13.2	80.7
7/16/2014	2.2	3.3	15.0	79.4	
11/12/2014	2.9	9.0	5.7	82.3	
12/4/2014	0.2	0.9	18.8	80.2	
V-13	11/4/2011	0.2	0.5	19.8	79.7
	11/14/2011	0.1	0.6	20.4	78.8
	12/14/2011	0.4	0.5	20.9	78.1
	1/24/2012	0.6	0.2	20.7	78.5
	2/15/2012	0.4	0.2	20.8	78.6
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.1	0.2	19.7	79.9
	6/14/2012	0.1	3.0	16.6	80.3
	8/23/2012	0.2	0.4	20.0	79.1
	11/29/2012	0.1	0.8	20.3	78.7
	1/24/2013	0.0	1.0	19.0	79.9
	2/28/2013	1.3	0.7	18.4	79.5
	3/25/2013	0.7	0.6	18.6	80.1
	5/23/2013	1.4	2.4	17.0	79.1
	8/16/2013	0.0	0.1	20.3	79.6
	11/5/2013	3.5	6.2	9.3	81.0
	1/28/2014	1.1	1.8	17.5	79.6
	2/26/2014	2.9	1.0	17.8	78.3
	3/21/2014	0.0	0.1	21.5	78.4
	5/19/2014	1.5	1.3	16.8	80.4
7/16/2014	0.9	1.0	18.6	79.4	
11/12/2014	2.7	6.7	9.8	80.7	
12/4/2014	0.5	1.3	17.7	80.3	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
- 3) Water in sample port. Gas reading terminated prior to stabilization.
- 4) Sample port frozen.
- 5) Heavy snow and ice cover prevented sample collection.

Table 5
Summary of Gas Composition at Methane Vent Locations
 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
V-14	11/4/2011	0.3	3.1	15.5	81.0
	11/14/2011	0.0	0.3	20.9	78.7
	12/14/2011	1.0	1.4	19.4	78.2
	1/24/2012	0.3	0.2	20.8	78.7
	2/15/2012	0.7	0.3	20.4	78.8
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.7	1.7	16.3	81.4
	6/14/2012	0.1	6.6	11.2	82.0
	8/23/2012	0.5	7.9	8.7	82.7
	11/29/2012	0.8	4.6	12.5	82.2
	1/24/2013	0.6	1.0	18.7	79.5
	2/28/2013	7.6	1.3	15.5	75.3
	3/25/2013	4.7	1.8	15.6	77.2
	5/23/2013	5.2	4.4	13.2	77.1
	8/16/2013	2.7	6.1	11.3	79.9
	11/5/2013	0.3	9.9	4.4	85.1
	1/28/2014	1.8	3.7	14.8	79.3
	2/26/2014	4.2	2.8	14.5	78.5
3/21/2014	1.1	0.2	20.5	78.3	
5/19/2014	3.8	2.0	16.5	77.7	
7/16/2014	2.1	6.6	11.3	79.8	
11/12/2014	0.7	5.7	12.7	80.8	
12/4/2014	0.0	4.1	13.6	82.2	
V-15	11/4/2011	0.0	0.3	20.0	79.4
	11/14/2011	0.0	0.3	20.9	78.6
	12/14/2011	0.0	0.0	22.3	77.7
	1/24/2012	0.0	0.1	21.1	78.8
	2/15/2012	0.0	0.0	21.1	78.7
	3/21/2012	0.0	0.0	20.9	79.1
	5/2/2012	0.0	0.0	19.9	80.0
	6/14/2012	0.0	0.0	21.4	78.5
	8/23/2012	0.0	0.9	20.1	78.8
	11/29/2012	0.0	0.8	20.6	78.5
	1/24/2013	0.0	0.5	20.6	78.8
	2/28/2013	0.0	1.2	18.5	80.3
	3/25/2013	0.0	1.3	18.5	80.1
	5/23/2013	0.0	2.5	18.4	79.1
	8/16/2013	0.0	3.0	17.9	79.1
	11/5/2013	0.0	2.3	17.9	79.7
	1/28/2014	0.0	2.2	18.0	79.8
	2/26/2014	0.0	2.4	16.9	80.7
3/21/2014	0.0	0.3	21.5	78.2	
5/19/2014	0.0	1.6	17.0	81.4	
7/16/2014	0.0	3.3	18.0	78.6	
11/12/2014	0.1	1.7	20.5	77.7	
12/4/2014	0.0	0.0	20.6	79.4	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
- 2) Based on pilot study results, an active soil gas removal system was designed and installed at vents V-01, V-02 and V-03. The permanent power-supply was installed, and the active system became fully functional on February 15, 2012.
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Table 5
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 PRB Performance Monitoring
 Tecumseh Products Company
 Tecumseh, Michigan

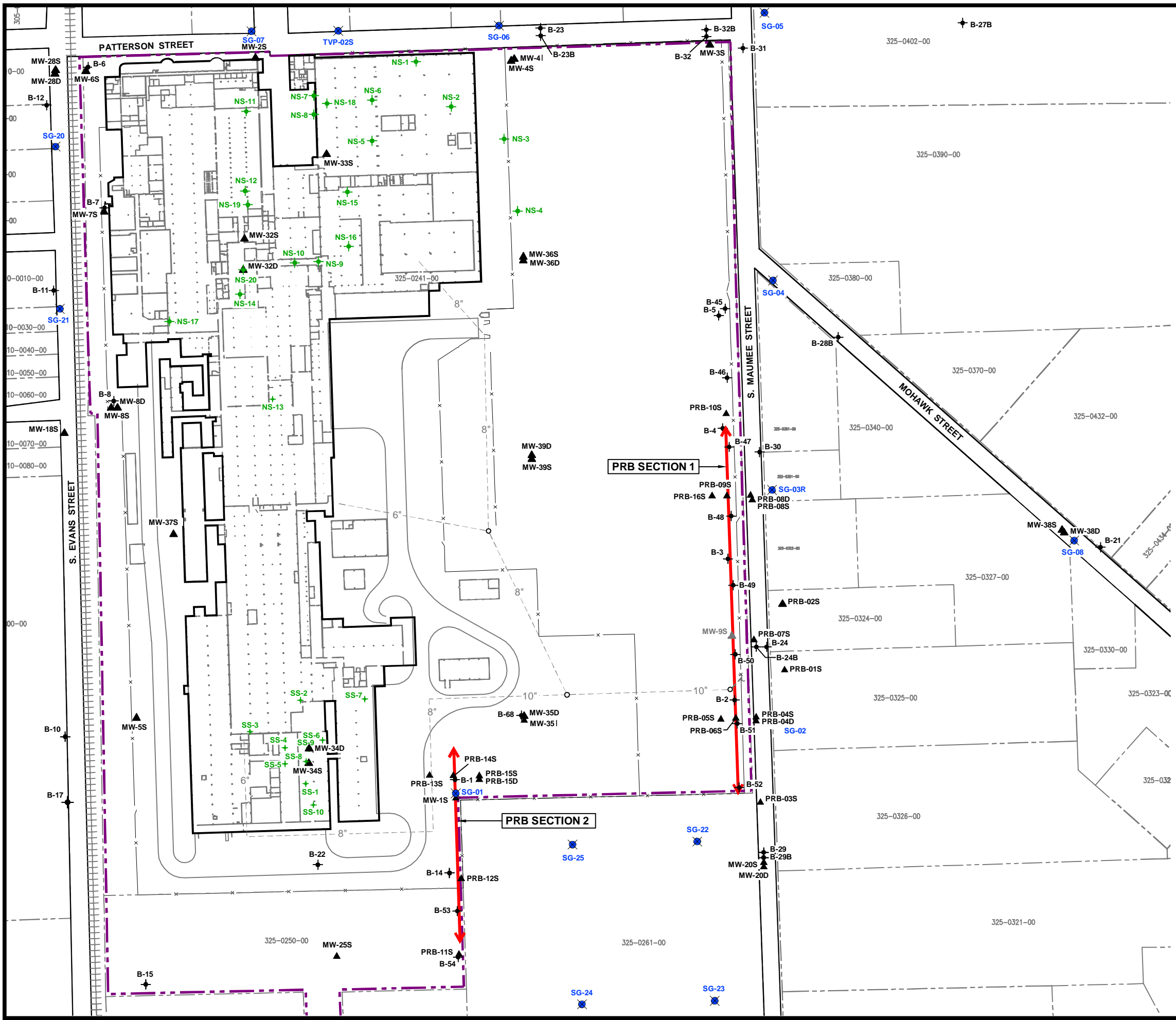
Analyte		Methane	Carbon Dioxide	Oxygen	Balance Gas
Units		%	%	%	%
SG-02	11/4/2011	0.0	1.2	18.3	80.4
	12/14/2011	0.0	1.0	13.5	85.5
	2/15/2012	0.0	0.6	18.0	81.5
	3/21/2012 ⁽³⁾	0.0	0.5	18.9	79.3
	8/16/2013	0.0	4.5	12.8	82.5
	11/5/2013	0.0	1.6	18.1	80.2
	1/28/2014 ⁽⁵⁾	--	--	--	--
	2/26/2014 ⁽⁵⁾	--	--	--	--
	3/21/2014	0.0	0.1	21.7	78.2
	5/21/2014 ⁽³⁾	--	--	--	--
	7/16/2014	0.0	5.6	13.9	80.3
11/12/2014	0.1	1.8	20.1	77.9	
12/4/2014	0.0	0.8	19.3	79.8	
SG-03	11/4/2011	0.0	4.9	8.1	86.9
	12/14/2011	0.0	1.5	19.5	79.0
	2/15/2012	0.0	0.0	20.9	79.0
	3/21/2012	0.0	0.1	20.6	79.3
SG-03R	8/16/2013	0.0	2.6	18.7	78.7
	11/5/2013	0.0	0.5	20.6	78.8
	1/28/2014 ⁽⁵⁾	--	--	--	--
	2/26/2014 ⁽⁵⁾	--	--	--	--
	3/21/2014	0.0	0.1	21.6	78.3
	5/21/2014 ⁽³⁾	--	--	--	--
	7/16/2014	0.0	1.1	19.0	79.8
	11/12/2014	0.1	1.3	20.8	77.7
12/4/2014 ⁽³⁾	--	--	--	--	

Notes:

Passive vents were installed at all locations (V-01 through V-15) on October 27-28, 2011 in order to reduce methane concentrations in the subsurface soil gas to less than 5.1-percent.

- 1) Concentrations of methane at vent locations V-01, V-02, V-03 and V-04 triggered a pilot study for active soil gas removal which was conducted on December 22, 2011.
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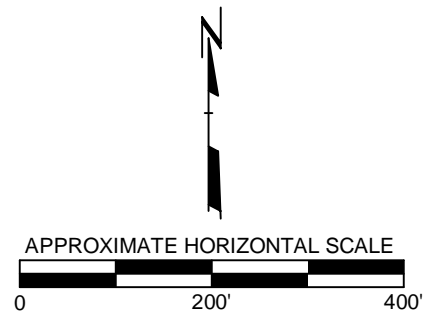
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 Dwg Size: 2.09 Mb
 Plot Date: January 13, 2015
 Plot Time: 1:18 PM
 Attached Xrefs: bmd033109
 Attached Images: FIG01 Site Plan & PRBs
 Layout:



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
- DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SOIL GAS SAMPLE LOCATION AND NUMBER
- PIPE DIAMETER AND APPROXIMATE LOCATION OF ON-SITE SANITARY SEWER
- PRB LOCATION
- FENCE LINE

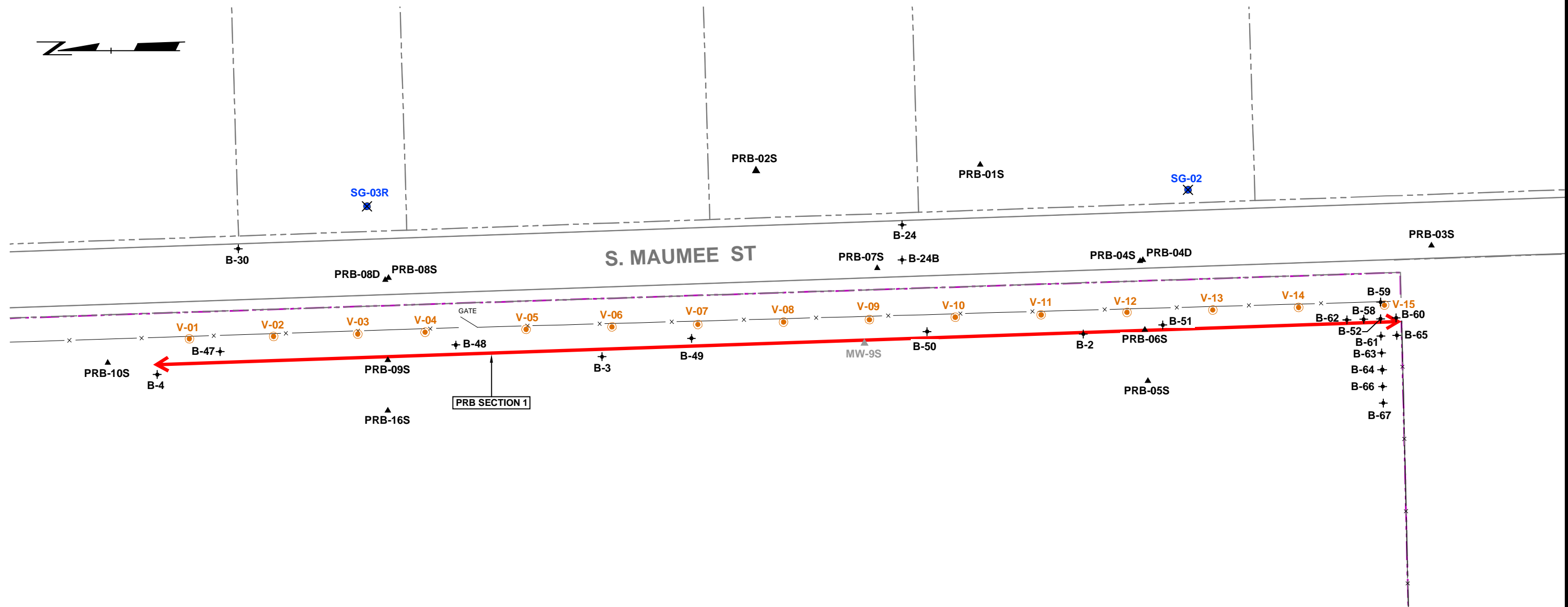
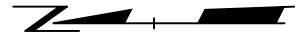
- NOTES**
1. BASE MAP DEVELOPED FROM SITE PLAN PROVIDED BY THE CITY OF TECUMSEH, DRAWING NO. CITY.DWG, MARCH 2009.
 2. GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S TOPOGRAPHIC QUADRANGLE MAP AND GROUND SURVEY DATA.



PROJECT: FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN			
TITLE: SITE PLAN AND PRB MONITORING LOCATIONS			
DRAWN BY: DGS	SCALE: AS INDICATED	PROJ. NO. 186299.0001.01	FILE NO. 186299.0001.01.01.dwg
CHECKED BY: SEM	DATE PRINTED:	FIGURE 1	
APPROVED BY: GC	DATE: JANUARY 2015		

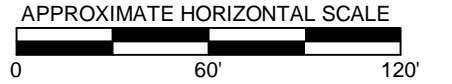


1540 Eisenhower Place
 Ann Arbor, MI 48108
 Phone: 734.971.7080
 Fax: 734.971.9022



Attached Xrefs: bm033109
 Attached Images: FIG02 Methane Vents
 Layout:
 Dwg Size: 2.24 Mb
 Plot Date: January 13, 2015
 Plot Time: 1:06 PM

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 Drawing Name: STEHLE, DIANAH
 Operator Name: STEHLE, DIANAH
 Drawing Plot Scale: 0:38683



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MONITORING WELL LOCATION AND NUMBER
- DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SOIL GAS SAMPLE LOCATION AND NUMBER
- METHANE VENT LOCATION AND NUMBER
- PRB LOCATION
- FENCE LINE

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.

PROJECT: FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN			
SHEET TITLE: METHANE VENT LOCATIONS			
DRAWN BY:	DGS	SCALE:	PROJ. NO. 186299.0001.01
CHECKED BY:	SEM	AS INDICATED	FILE NO. 186299.0001.01.02.dwg
APPROVED BY:	GC	DATE PRINTED:	FIGURE 2
DATE:	JANUARY 2015		



1540 Eisenhower Place
 Ann Arbor, MI 48108
 Phone: 734.971.7080
 Fax: 734.971.9022

PLOT DATA

Appendix B
Summary of the Fourth Quarter 2014
Soil Gas Sample Event

Technical Memorandum

To: Jason Smith, Tecumseh Products Company

From: Stacy Metz and Graham Crockford, TRC

Subject: Summary of the Fourth Quarter 2014 Soil Gas Sample Event –
RCRA 3008(h) Consent Order (RCRA-05-2010-0012) – Tecumseh Products Company

Date: January 13, 2015

cc: Joseph Kelly, USEPA
Bhooma Sundar, USEPA
Chris DeWetter, Tecumseh Products Company
Douglas McClure, Conlin, McKenney and Philbrick, PC

Project No.: 004308.0001

Tecumseh Products Company (TPC) retained TRC Environmental Corporation (TRC) to investigate the potential for off-site vapor intrusion near the former TPC site located in Tecumseh, Michigan. TRC has been assisting TPC with investigative activities in accordance with the RCRA Administrative Order on Consent (RCRA 05-2010-0012) for the site.

These investigation activities included the installation of 25 soil gas monitoring points (SG-XX locations) and one vacuum monitoring point (TVP-02s) which also serves as a soil gas sample collection point. Quarterly soil gas monitoring was initiated in April 2010. Quarterly sampling activities are conducted in general accordance with the Quality Assurance Project Plan (QAPP) which was submitted to the United States Environmental Protection Agency (USEPA) for review in August 2010 and the Quarterly Sampling Plan described in the July 15, 2014 Technical Memorandum titled *Third Quarter 2013 through Second Quarter 2014 Soil Gas Sample Events*. Active soil gas samples are collected quarterly at each of the following soil gas sample points: SG-01, SG-02, SG-03R, SG-04, SG-05, SG-06, SG-07, SG-08, SG-09, SG-10, SG-11, SG-12R¹, SG-13, SG-14R, SG-15R, SG-16, SG-17, SG-18, SG-19, SG-20, SG-21, SG-22, SG-23, SG-24, SG-25 and TVP-02s. The locations of soil gas

¹ Soil gas sample point SG-12R was installed due to water in the sample point at SG-12 which prevented sample collection during approximately half of the sample events. Tight, high-moisture soils at sample point SG-12 intermittently prevent the collection a sufficient sample volume at sample point SG-12R. Each quarter, sample collection is first attempted at SG-12R. If sample volume is insufficient from sample point SG-12R, sample collection is then attempted at soil gas sample point SG-12.

Technical Memorandum

monitoring points are illustrated on Figure 1. The sampling plan was developed to evaluate the volatilization to indoor air migration pathway. As such, sampling data are validated using level 4 data quality objectives.

Summary of Field Activities

- **Fourth Quarter 2014 Soil Gas Sample Event:** TRC completed the fourth quarter 2014 soil gas sample event between November 3, 2014 and November 5, 2014. Details of the fourth quarter soil gas sample event are summarized below:
 - Sample collection at all soil gas sample point locations (SG-01 through SG-25);
 - Sample collection at one exterior subsurface vacuum monitoring point (TVP-02s); and
 - Analysis of all soil gas samples by USEPA Method TO-15 for the project specific list of CVOCs.
- **Fourth Quarter 2014 Re-Sample Event:** A re-sample event was conducted on December 4, 2014 and December 12, 2014, to confirm (or not) the anomalous data reported for the samples collected at SG-12R and SG-19 during the regular fourth quarter 2014 sample event.

Summary of Soil Gas Data

Soil gas data are summarized and compared to soil gas screening levels for vapor intrusion (SGSLs) in Table 1, and soil gas sample locations are shown on Figure 1. Laboratory analytical reports are provided in Attachment 1. TRC conducted data quality assurance to verify that field practices and laboratory data met the project data quality objectives. Laboratory data validation reports are included in Attachment 2.

Soil gas concentrations at soil gas sample point SG-01 remained low compared to historical data throughout 2014. The observed decrease in concentrations at soil gas sample point SG-01 can be attributed to the installation and start-up of the perimeter soil vapor extraction system in March 2014. At other locations, soil gas data are generally consistent with historical data². As noted above, a likely data quality issue was identified with the unusually high tetrachloroethene concentration reported in November 2014 at sample location SG-12R and the unusually high cis-1,2-dichloroethene, trans-1,2-dichloroethene, and trichloroethene concentrations reported in November 2014 at soil gas sample location SG-19. These concentrations have been demonstrated to be invalid (see Attachment 2), and may be due to residual concentrations in the canister from a previous event or other similar sample contamination issues.

² The trichloroethene concentration at soil gas sample point SG-20 has exceeded the most restrictive residential soil gas screening level during one sample event for each of the last three years. In conjunction with the vapor intrusion evaluation north and northeast of the site, the potential for vapor intrusion at properties in the vicinity of this soil gas monitoring location will be evaluated further in 2015.

Technical Memorandum

Table

Table 1
 Summary of Chlorinated Volatile Organic Compounds at Off-Site Soil Gas Sample Locations
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride	
MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21	
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210	
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000	
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-01 (8-8.5')	4/5/2010	5.7	<2.3	4.4	17.0	<4.4	<2.3	279	396	<2.3
	5/20/2010 ⁽²⁾	52.4	<4.4	21.6	184	<4.4	52.1	1,690	2,800	<4.4
	10/21/2010	74.7	<16.8	<16.8	272	25.8	222	8,300	32,100	<16.8
	12/9/2010	<709	<709	<709	<709	<709	<709	6,440	17,800	<709
	4/13/2011	32.8	166	21.0	110	7.8	84.6	2,630	10,500	<6.7
	6/27/2011	<180	<90	<180	<180	<180	98.0	1,420	7,340	<90
	9/28/2011	<100	<100	<100	220	<200	150	4,300	19,000	<100
	11/21/2011 ⁽³⁾	--	--	--	--	--	--	--	--	--
	1/30/2012	10	<4.0	6.2	17	<8.0	<4.0	610	700	<4.0
	6/27/2012	53	<5.0	13	170	19	190	4,700	23,000	<5.0
	10/1/2012	56	<50	<50	190	<100	310	5,100	16,000	<50
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	10	1.9	<1.0
	3/14/2013	4.7	<1.0	4.7	6.7	<2.0	<1.0	300	190	<1.0
	5/30/2013 ⁽⁴⁾	<120	<24	<120	<120	<120	49	1,400	3,700	<19
	6/24/2013 ⁽³⁾	--	--	--	--	--	--	--	--	--
	8/8/2013	110	<1.0	30	440	45	2,200	12,000	110,000	<1.0
11/12/2013	42	<1.0	13	160	15	950	6,000	51,000	<1.0	
3/26/2014	<1.0	<1.0	<1.0	1.2	<2.0	11	31	310	<1.0	
5/21/2014	1.0	1.6	<1.0	3.0	<2.0	73	180	1,500	<1.0	
7/24/2014	<5.0	<5.0	<5.0	<5.0	<10	140	28	890	<5.0	
11/3/2014	<5.0	<5.0	<5.0	<5.0	<10	18	<5.0	97	<5.0	
SG-01 (DUP-01)	4/5/2010	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	
	5/20/2010 ⁽²⁾	63.2	<4.4	31.0	245	22.6	256	2,120	3,770	
	9/28/2011	<100	<100	<100	270	<200	200	5,800	28,000	
	11/21/2011	22 ⁽⁶⁾	<5.0	9.9	48	<10	25	1,700	8,500	
	1/30/2012	15	<4.0	9.3	26	<8.0	4.0	920	1,000	

Notes:

- As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
- Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
- Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (-).
- Elevated detection limit due to siloxane contamination in sample.
- Water in sample point prevented sample collection.
- Quality control results are outside the established control limits, the result is approximate.
- Analyte was evaluated for detection to the method detection limit.
- Potential data quality issues were identified with tetrachloroethene, 1,1,1-trichloroethane, and trichloroethene concentrations reported in July 2014. Data may be biased high. Data for these compounds, in the absence of additional data confirming these low-level detections, should be considered suspect and should not, in isolation, be used to trigger further action.
- Sample port is screened in the low permeability zone. Available sample volume insufficient for analysis.
- Elevated concentrations of tracer detected. Detection limits may be biased low.

Bold font denotes concentrations detected above laboratory reporting limits.

Denotes concentrations above one or more soil gas screening level

ppbv - parts per billion by volume

NS - No Sample

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 Tecumseh, Michigan

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MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-02 (5.5-6')	4/5/2010	<4.0	<4.0	<4.0	<4.0	<4.0	19.6	<4.0	<4.0
	10/21/2010	<12.5	<12.5	<12.5	<12.5	<12.5	532	328	1,610
	12/9/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011	8.5	<3.5	<7.0	28.0	8.6	1,240	943	3,970
	9/28/2011	<5.0	<5.0	<5.0	6.1	<10	1,100	230	550
	11/21/2011	2.3	<1.0	<1.0	2.6	2.5	400	120	310
	1/30/2012	<1.0	<1.0	2.1	<1.0	<2.0	<1.0	8.6	2.3
	6/27/2012	18	<1.0	4.2	1,300	52	780	430	2,200
	10/2/2012	11	<5.0	<5.0	260	33	280	510	1,900
	11/27/2012	4.6	<1.0	2.4	44	7.3	3.4	80	120
	3/26/2013	<2.0	<2.0	3.4	46	4.6	10	32	100
	5/30/2013 ⁽⁶⁾	7.3	<2.0	4.5	200	22	350	380	1,900
	8/9/2013	17	<1.0	12	220	46	4,800	990	9,100
	11/13/2013	7.4	<1.0	2.0	51	10	950	270	1,800
	3/26/2014 ⁽³⁾	--	--	--	--	--	--	--	--
	4/16/2014	<1.0	<1.0	<1.0	9.9	2.5	210	34	300
5/21/2014	7.6	<1.0	5.1	68	16	2,000	410	2,600	
7/24/2014	31	<10	<10	120	47	5,400	1,300	5,600	
9/22/2014	15	<10	<10	71	38	2,500	770	5,000	
11/5/2014	<10	<10	<10	17	<20	1,800	310	2,800	

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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-03 (5-5.5')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<5.1	<2.6	<2.6	<2.6
	10/21/2010	91.0	<15.7	<15.7	193	90.3	<15.7	<15.7	<15.7
	12/9/2010	47.7	<11.9	<11.9	98.0	48.5	<11.9	<11.9	<11.9
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.57
	6/27/2011	<0.36	<0.18	<0.37	<0.37	<0.37	6.8	4.8	22.3
	9/28/2011	3.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	11/21/2011	3.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.8
	1/30/2012 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2012	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	12
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
3/26/2013 ⁽³⁾	--	--	--	--	--	--	--	--	
4/15/2013 ⁽³⁾	--	--	--	--	--	--	--	--	
SG-03R (5-5.5')	5/30/2013	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/21/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.8	<1.0	<1.0
	9/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0

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MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-04 (5-5.5')	4/5/2010	<2.6	<1.3 ⁽⁷⁾	<2.6	<2.6	<4.9	<2.6	<2.6	<2.6
	9/23/2010	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
	12/9/2010	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
	3/31/2011	<1.6	<1.6	<1.6	<1.6	<1.6	2.0	<1.6	<1.6
	6/7/2011	<1.0	<0.53	<1.1	<1.1	<1.1	<0.52	<1.0	<0.53
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	2.4
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	4.7
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/21/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
7/24/2014 ⁽⁸⁾	<1.0	<1.0	<1.0	<1.0	<2.0	5.6	<1.0	<1.0	
11/5/2014	6.8	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	

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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21	
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Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-05 (7.5-8')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<4.9	<2.6	28.7	26.6	<2.5
	10/21/2010	<16.8	<16.8	<16.8	<16.8	<16.8	<16.8	708	1,320	<16.8
	12/9/2010	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	357	538	<15.7
	3/31/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011	<0.34	<0.17	<0.35	<0.35	<0.35	<0.17	2.2	0.20	<0.17
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	2.1	1.1	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	1/30/2012 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.1	<1.0	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	220	380	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	54	22	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	16	21	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	170	260	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	150	250	<1.0
5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.2	1.7	<1.0	
7/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.3	5.0	14	<1.0	
11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	34	36	<1.0	
SG-05 (DUP-01)	10/21/2010	<16.8	<16.8	<16.8	<16.8	<16.8	<16.8	581	1,020	<16.8
	12/9/2010	<211	<211	<211	<211	<211	<211	772	849	<211
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	190	370	<1.0

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MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000	
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-06 (8-8.5')	4/5/2010	<2.6	<2.6	<2.6	<2.6	<4.9	<2.6	<2.6	7.2	<2.5
	5/20/2010	<4.6	<4.6	<4.6	<4.6	<4.6	9.5	6.0	104	<4.6
	9/21/2010	<29.2	<29.2	<29.2	<29.2	<29.2	62.2	<29.2	263	<29.2
	12/9/2010	<3.9	<3.9	<3.9	6.1	<3.9	4.3	7.4	64.9	<3.9
	3/31/2011	0.73	<0.17	<0.35	<0.35	1.3	<0.17	1.7	14.1	<0.17
	6/7/2011	0.88	<0.18	<0.37	5.6	2.5	7.5	2.5	50.2	<0.18
	9/28/2011	3.6	<2.0	<2.0	35	6.4	16	7.7	150	<2.0
	11/21/2011	2.2	<1.0	<1.0	9.2	2.6	<1.0	5.1	29	1.1
	1/30/2012	1.4	<1.0	<1.0	5.4	<2.0	<1.0	1.3	9.7	<1.0
	6/27/2012	<1.0	<1.0	<1.0	7.7	<2.0	9.1	3.4	68	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	2.3 ⁽⁶⁾	<1.0	12 ⁽⁶⁾	<1.0
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	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	20	<1.0	10	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	8.9	<1.0	6.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	<1.0	1.1	<1.0
5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	5.0	<1.0	2.1	<1.0	
7/22/2014	<1.0	<1.0	<1.0	<1.0	<2.0	59	7.9	59	<1.0	
11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	3.7	<1.0	1.7	<1.0	

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Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-07 (8-8.5')	4/5/2010	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2	<75.2
	5/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	13.8	6.8	145
	9/21/2010	<69.6	<69.6	<69.6	<69.6	<69.6	140	<69.6	403
	12/9/2010	<22.2	<22.2	<22.2	<22.2	<22.2	24.4	<22.2	139
	3/31/2011	<0.34	<0.17	<0.35	<0.35	<0.35	5.9	4.3	47.2 ⁽⁶⁾
	6/7/2011	<0.36	<0.18	<0.37	<0.37	<0.37	23.6	4.4 ⁽⁶⁾	171 ⁽⁶⁾
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	76	16	260
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	2.7	3.1
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	2.4
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	67	9.0	250
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	16	8.8	130
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	3.4	34
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.4	13
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	27	4.0	120
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	260	13	510
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	160	7.7	340
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	41	2.5	79
5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	110	4.1	180	
7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	210	11 ⁽⁶⁾	320	
11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	180	7.0	330	
SG-07 (DUP-01)	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	7.9	5.0	90.6 ⁽⁶⁾
	6/7/2011	<0.36	<0.18	<0.37	<0.37	<0.37	28.4 ⁽⁶⁾	9.5 ⁽⁶⁾	97.2 ⁽⁶⁾
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	66	9.3	250
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	1.5	3.1	33
	5/23/2013 ⁽⁴⁾	<4,900	<970	<5,000	<5,000	<5,000	<580	<3,600	<730
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	220	12	420
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	160	7.6	350
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	42	2.6	82
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	110	4.3	180
7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	190	8.6 ⁽⁶⁾	300	
11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	180	6.8	320	

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 Tecumseh Products Company
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Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL ⁽¹⁾		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL ⁽¹⁾		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Deep SGSL ⁽¹⁾		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-08 (6.5-7')	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.4	12	<1.0
	4/5/2010	<2.6	<1.3 ⁽⁷⁾	<2.6	<2.6	<5.1	<2.6	<2.6	<2.6	<2.6
	9/23/2010	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.5	3.5	<2.0
	12/9/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/31/2011	<0.34	<0.17	<0.35	<0.35	<0.35	<0.35	0.29	3.4	<0.17
	6/27/2011	<0.34	<0.17	<0.35	<0.35	<0.35	<0.35	<0.17	0.97	<0.18
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.9	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	6.9	1.3	1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.8	2.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.7	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	5.4	8.6	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	2.6	3.2	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.2	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.4	4.0	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.2	4.0	5.2	<1.0
11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	4.2	2.2 ⁽⁶⁾	<1.0	
SG-08 (DUP-02)	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	4.8	7.1	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	2.5	3.7	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	1.6	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.8	3.9	5.2	<1.0
	11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	4.7	8.6 ⁽⁶⁾	<1.0

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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-09 (5.5-6')	4/5/2010 ⁽³⁾	--	--	--	--	--	--	--	--
	5/20/2010	10.6	<4.4	<4.4	<4.4	<4.4	123	176	<4.4
	9/23/2010	<23.4	<23.4	<23.4	<23.4	<23.4	142	436	<23.4
	12/9/2010	<13.2	<13.2	<13.2	<13.2	<13.2	61.8	51.7	<13.2
	3/31/2011	4.3	<0.17	<0.35	1.3	<0.35	<0.17	52.5	13.9
	6/27/2011	5.4	<0.17	<0.35	1.4	<0.35	<0.17	52.8	45.8
	9/28/2011	1.7	<1.0	<1.0	<1.0	<2.0	<1.0	13	7.9
	11/21/2011	3.8	<1.0	<1.0	<1.0	<2.0	<1.0	32	9.1
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	7.2	1.3
	6/29/2012	<1.0	<1.0	<1.0	1.0	<2.0	<1.0	89	190
	10/2/2012	1.0	<1.0	<1.0	<1.0	<2.0	<1.0	56	74
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	4.3	1.9
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	5.4	4.0
	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	18	27
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	67	270
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	35	170
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	6.2	36
5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	15	73	
7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	23	99	
11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	11	67	
SG-09 (DUP-02)	6/29/2012	<1.0	<1.0	<1.0	1.2	<2.0	<1.0	93	200

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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21	
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210	
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000	
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-10 (5-5.5')	4/5/2010	<40.3 ⁽⁷⁾	<40.3 ⁽⁷⁾	<80.6	<80.6	<80.6	<40.3 ⁽⁷⁾	<80.6	<40.3 ⁽⁷⁾	<40.3 ⁽⁷⁾
	9/21/2010	<4.4	<2.2 ⁽⁷⁾	<4.4	<4.4	<4.4	<4.4	<4.4	11.5	<4.4
	12/9/2010	<8.7	<4.4 ⁽⁷⁾	<8.7	<8.7	<8.7	<4.4 ⁽⁷⁾	<8.7	<8.7	<8.7
	3/31/2011	<0.61	<0.61	<0.62	<0.62	<0.62	<0.61	<0.59	<0.60	<0.62
	6/27/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.4	19	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	19	56	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	4.8	<2.0	1.9	46	210	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 ⁽³⁾	--	--	--	--	--	--	--	--	--
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	1.6	<2.0	29	6.9	53	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	
7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	
11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	

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Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-11 (5.5-6')	4/5/2010	<2.8	<1.4 ⁽⁷⁾	<2.8	<2.8	<5.4	<2.8	<2.8	<2.8
	9/23/2010	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	12/9/2010	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.57
	6/7/2011	<0.39	<0.19	<0.40	<0.40	<0.40	0.89	0.54	1.2
	9/28/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	6.8	18
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	1.2	<1.0	3.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	<1.0
5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
SG-12 (5-5.5')	4/5/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	5/20/2020 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	9/21/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	12/9/2010	<2.5	<1.3 ⁽⁷⁾	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	3/31/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	6/27/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	9/28/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	1/30/2012 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
3/26/2013 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
5/24/2013 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	

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 Tecumseh Products Company
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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-12R (7-7.5')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/28/2012 ⁽⁹⁾	NS	NS	NS	NS	NS	NS	NS	NS
	3/26/2013 ⁽⁹⁾	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2013 ⁽⁹⁾	NS	NS	NS	NS	NS	NS	NS	NS
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	1.9	<2.0	<1.0	<1.0	5.6
	3/26/2014 ⁽³⁾	--	--	--	--	--	--	--	--
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/19/2014	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
7/22/2014 ⁽³⁾	--	--	--	--	--	--	--	--	
12/5/2014 ⁽¹⁰⁾	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
SG-13 (5.5-6')	4/5/2010	<2.5	<1.3 ⁽⁷⁾	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	5/20/2010	<4.5	<2.2 ⁽⁷⁾	<4.5	<4.5	<4.5	<4.5	<4.5	6.1
	9/23/2010	<1.5	<1.5	<1.5	2.5	5.6	<1.5	<1.5	<1.5
	12/9/2010	<1.6	<1.6	<1.6	<1.6	2.9	<1.6	<1.6	<1.6
	3/31/2011	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.56	<0.58
	6/7/2011	1.5	<0.19	<0.40	4.8	10.8	0.77	0.81	1.6
	9/28/2011	1.1	<1.0	<1.0	6.2	10	<1.0	<1.0	<1.0
	11/21/2011	1.9	<1.0	<1.0	2.0	4.0	<1.0	<1.0	<1.0
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	6/26/2012	<1.0	<1.0	<1.0	4.9	7.7	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	3.4 ⁽⁶⁾	5.9 ⁽⁶⁾	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	1.7	2.7	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	1.3	8.8	<1.0	<1.0	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	4.5	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
5/20/2014	<1.0	<1.0	<1.0	1.3	4.0	<1.0	<1.0	<1.0	
7/23/2014	<1.0	<1.0	<1.0	1.4	6.6	<1.0	<1.0	<1.0	
11/4/2014	<1.0	<1.0	<1.0	<1.0	4.5 ⁽⁶⁾	<1.0	<1.0	<1.0	

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MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21	
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MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000	
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-14 (6.5-7') ⁽⁵⁾	4/5/2010	NS	NS	NS	NS	NS	NS	NS	NS	
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	
	9/21/2010	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2010	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2011	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2011	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	
	11/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	
SG-14R (6.5-7')	1/30/2012	NS	NS	NS	NS	NS	NS	NS	NS	
	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.3	<1.0
	10/3/2012 ⁽⁹⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/28/2012 ⁽⁹⁾	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/14/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2013 ⁽³⁾	--	--	--	--	--	--	--	--	--
	8/9/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.6	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
7/22/2014 ⁽³⁾	--	--	--	--	--	--	--	--	--	
11/4/2014	<100	<100	<100	<100	<200	<100	<100	<100	<100	
SG-15 (11-11.5')	9/23/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
	12/15/2010 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2011 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	10	30	<1.0
	1/30/2012 ⁽⁵⁾	NS	NS	NS	NS	NS	NS	NS	NS	

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Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-15R (8.75-9.25')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/24/2013 ^(4,7)	<1.6	<1.6	<1.9	<1.6	<1.2	<1.0	<1.0	<1.2
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
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	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	7/23/2014 ⁽⁸⁾	<1.0	<1.0	<1.0	<1.0	<2.0	1.4	<1.0	8.5
11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
SG-16 (7.5-8')	9/23/2010	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	<2.5	<2.5
	12/9/2010	<15.7	<7.8 ⁽⁷⁾	<15.7	<15.7	<15.7	<7.8 ⁽⁷⁾	<15.7	<7.8 ⁽⁷⁾
	3/31/2011	<0.61	<0.61	<0.60	<0.60	<0.60	<0.61	<0.59	<0.62
	6/7/2011	<1.1	<0.53	<1.1	<1.1	<1.1	<0.54	<1.1	0.62
	9/28/2011	<1.0	<1.0	<1.0	3.3	<2.0	7.4	<1.0	28
	11/21/2011	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.1
	1/30/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	5/23/2013 ⁽⁴⁾	<4,900	<970	<5,000	<5,000	<5,000	<580	<3,600	<730
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	13
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	
7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	1.1	
11/4/2014	<1.0	<1.0	<1.0	5.2	3.1 ⁽⁶⁾	11	<1.0	4.4	
SG-16 (DUP-02)	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0

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Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-17 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	1.8	330	5.7	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	250	<1.0	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	42	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	42	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	83	<1.0	<1.0
	8/8/2013	<2.0	<2.0	<2.0	<2.0	<4.0	6.0	550	<2.0	<2.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	5.1	300	6.2	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	81	<1.0	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	1.8	120	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	4.6	330	<1.0	<1.0
11/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.4	370	<1.0	<1.0	
SG-18 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.1	2.3	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	2.1	<1.0	6.4	<1.0
	11/13/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.1	<1.0	1.9	<1.0
11/4/2014	<1.0	<1.0	<1.0	2.8	6.1 ⁽⁶⁾	<1.0	<1.0	<1.0	<1.0	
SG-19 (8-8.5')	6/26/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
12/4/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	

Notes:

- As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
- Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
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- Elevated detection limit due to siloxane contamination in sample.
- Water in sample point prevented sample collection.
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- Sample port is screened in the low permeability zone. Available sample volume insufficient for analysis.
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Bold font denotes concentrations detected above laboratory reporting limits.

Denotes concentrations above one or more soil gas screening level

ppbv - parts per billion by volume

NS - No Sample

Table 1
 Summary of Chlorinated Volatile Organic Compounds at Off-Site Soil Gas Sample Locations
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride	
MDEQ Residential Sub-Slab SGSL ⁽¹⁾	4,100	8.2	1,700	58	580	170	36,000	12	21	
MDEQ Residential Deep SGSL ⁽¹⁾	41,000	82	17,000	580	5,800	1,700	360,000	120	210	
MDEQ Non-Residential Deep SGSL ⁽¹⁾	690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000	
Units	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	
SG-20 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	5.4	1.5	17	<1.0
	10/2/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.9	<1.0
	11/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.3	<1.0
	5/24/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	3.6	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	3.1	1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	13	1.4	23	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.9	<1.0	5.3	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	7.8	<1.0	12	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	12	1.5	21	<1.0	
SG-20 (DUP-02)	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.7	<1.0	5.8	<1.0
SG-21 (8-8.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.1	2.3	<1.0
	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/24/2013 ⁽⁴⁾	<120	<24	<120	<120	<120	<15	<91	<18	<19
	6/24/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/16/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/20/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/24/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
11/5/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	
SG-21 (DUP-01)	3/14/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-21 (DUP-02)	11/29/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
SG-22 (6-6.5')	10/2/2014	120	<20	<20	<20	<40	230	7,000	6,200	<20
	11/3/2014	81	<20	<20	<20	<40	160	5,100	4,500	<20
SG-23 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	2.3	<1.0	<1.0	<1.0
SG-23 (DUP-01)	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	

Notes:

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- Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (--).
- Elevated detection limit due to siloxane contamination in sample.
- Water in sample point prevented sample collection.
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- Potential data quality issues were identified with tetrachloroethene, 1,1,1-trichloroethane, and trichloroethene concentrations reported in July 2014. Data may be biased high. Data for these compounds, in the absence of additional data confirming these low-level detections, should be considered suspect and should not, in isolation, be used to trigger further action.
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Table 1
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 Tecumseh, Michigan

Analyte		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
MDEQ Residential Sub-Slab SGSL ⁽¹⁾		4,100	8.2	1,700	58	580	170	36,000	12	21
MDEQ Residential Deep SGSL ⁽¹⁾		41,000	82	17,000	580	5,800	1,700	360,000	120	210
MDEQ Non-Residential Deep SGSL ⁽¹⁾		690,000	1,600	280,000	9,800	98,000	33,000	6,100,000	2,100	15,000
Units		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
SG-24 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	3.2	<1.0	<1.0	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	3.3	<1.0
SG-25 (5-5.5')	10/2/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	210	58	<1.0
	11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	140	34	<1.0
TVP-02s (10-10.5')	6/27/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.2	8.8	<1.0
	10/1/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.2	<1.0
	11/28/2012	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/18/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/23/2013 ⁽⁴⁾	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
	8/8/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	5/19/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
	7/23/2014 ⁽⁸⁾	<1.0	<1.0	<1.0	<1.0	<2.0	18	2.9	20	<1.0
11/3/2014	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	

Notes:

- 1) As recommended by USEPA in an email dated August 1, 2013, soil gas screening levels (SGSLs) are taken from the May 2013 Michigan Department of Environmental Quality (MDEQ) Final Guidance Document for the Vapor Intrusion Pathway.
- 2) Elevated concentrations of 2-propanol (tracer) detected; DUP-01 results from 5/20/10 reflect true soil gas concentrations. Tracer concentration from SG-01 and analytical data from DUP-01 suggests that sample was diluted with approximately 30-percent ambient air.
- 3) Elevated concentrations of tracer detected. Analytical data for other analytes are presumed to be invalid (-).
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- 6) Quality control results are outside the established control limits, the result is approximate.
- 7) Analyte was evaluated for detection to the method detection limit.
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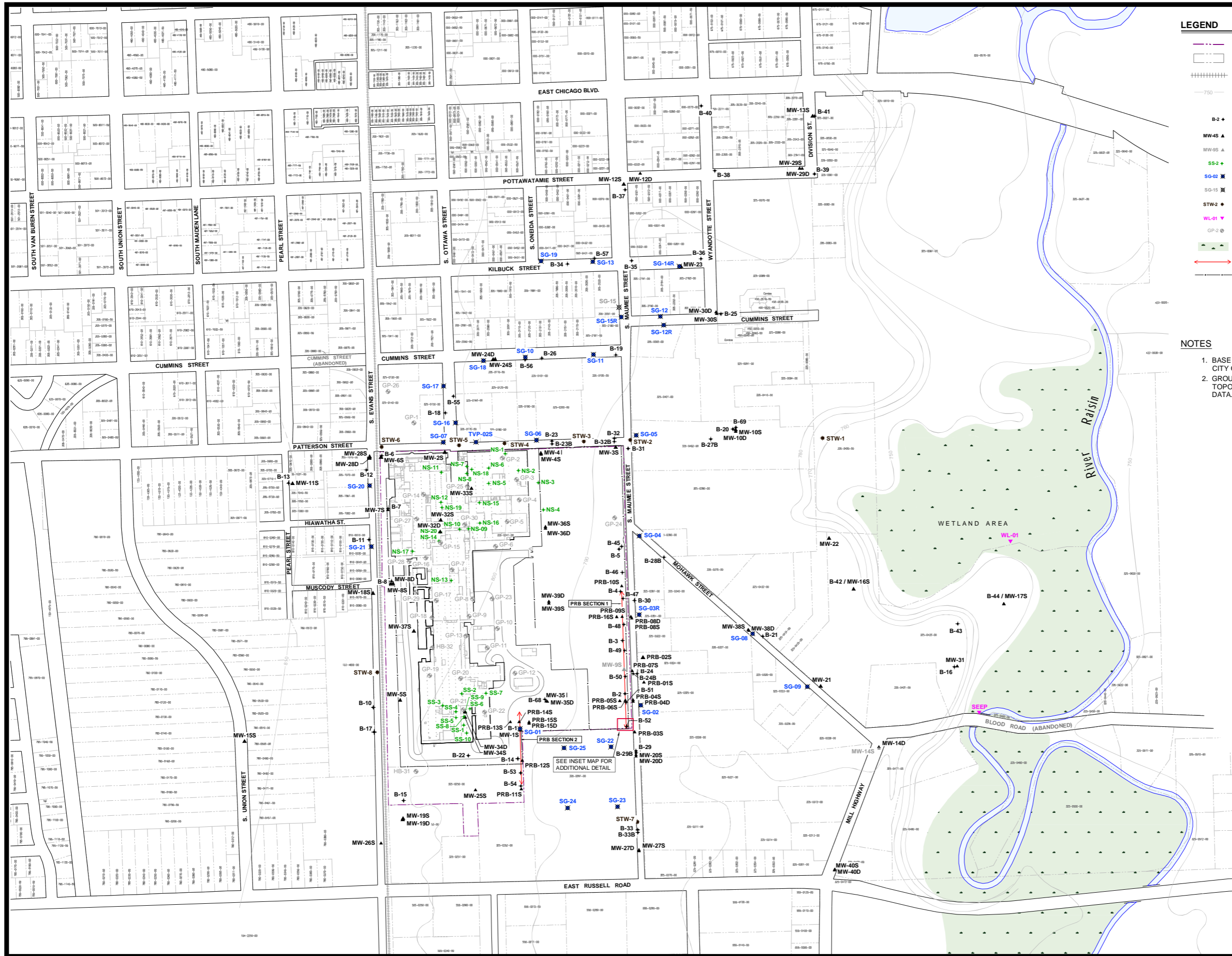
ppbv - parts per billion by volume

NS - No Sample

Technical Memorandum

Figure

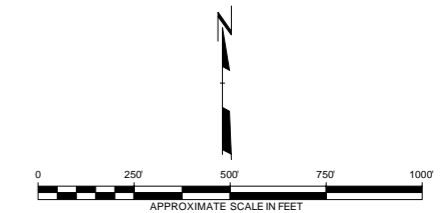
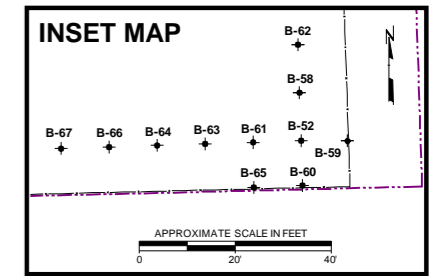
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 Drawing Name: STABLE DWAH
 Drawing Title: STABLE DWAH
 Drawing Date: 01/05/2015
 Drawing Time: 8:10 AM
 User: JG
 Plot Date: January 13, 2015
 Plot Time: 8:10 AM
 Plot Size: 11x17 in
 Plot Scale: As Shown
 Plot Orientation: Landscape
 Plot Title: FIG01 Site L3 Sample



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- B-2 + PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MW-4S ▲ MONITORING WELL LOCATION AND NUMBER
- MW-9S ▲ DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SS-2 + SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SG-02 ✕ SOIL GAS SAMPLE LOCATION AND NUMBER
- SG-19 ✕ DECOMMISSIONED SOIL GAS SAMPLE LOCATION AND NUMBER
- STW-2 + STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- WL-01 ▼ APPROXIMATE SURFACE WATER SAMPLE LOCATION
- GP-2 ⊙ ATC PHASE II ESA BORING LOCATION AND NUMBER
- FLOODPLAIN / WOODED WETLAND AREA
- PRB LOCATION
- FENCE LINE

- 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.



NO.	BY	DATE	REVISED INVESTIGATION LOCATIONS	SEM
FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN				
SITE LAYOUT AND SAMPLE LOCATIONS				
DRAWN BY: DGS		SCALE: AS INDICATED		PROJ. NO: 004308.0001.01
CHECKED BY: SEM		DATE PRINTED: JANUARY 2015		FILE NO: 004308.0001.01.dwg
APPROVED BY: GC		FIGURE 1		
DATE: JANUARY 2015				

Technical Memorandum

Attachment 1 Laboratory Analytical Data

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108



H&P Project: TRC110714-10 Rev 2
Client Project: 004308.0001 Phase 1 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 07-Nov-14 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

A handwritten signature in black ink, appearing to read "Janis Villarreal".

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-14R	E411029-01	Vapor	04-Nov-14	07-Nov-14
SG-12R	E411029-02	Vapor	03-Nov-14	07-Nov-14
SG-01	E411029-03	Vapor	03-Nov-14	07-Nov-14
SG-05	E411029-04	Vapor	03-Nov-14	07-Nov-14
SG-06	E411029-05	Vapor	03-Nov-14	07-Nov-14
SG-07	E411029-06	Vapor	03-Nov-14	07-Nov-14
DUP-01	E411029-07	Vapor	03-Nov-14	07-Nov-14
TVP-02s	E411029-08	Vapor	03-Nov-14	07-Nov-14
SG-16	E411029-09	Vapor	04-Nov-14	07-Nov-14
SG-17	E411029-10	Vapor	04-Nov-14	07-Nov-14
SG-18	E411029-11	Vapor	04-Nov-14	07-Nov-14
SG-10	E411029-12	Vapor	04-Nov-14	07-Nov-14
SG-11	E411029-13	Vapor	04-Nov-14	07-Nov-14
SG-15R	E411029-14	Vapor	04-Nov-14	07-Nov-14
SG-13	E411029-15	Vapor	04-Nov-14	07-Nov-14
SG-19	E411029-16	Vapor	04-Nov-14	07-Nov-14
SG-20	E411029-17	Vapor	05-Nov-14	07-Nov-14
SG-21	E411029-18	Vapor	05-Nov-14	07-Nov-14
SG-02	E411029-19	Vapor	05-Nov-14	07-Nov-14
SG-03R	E411029-20	Vapor	05-Nov-14	07-Nov-14
SG-04	E411029-21	Vapor	05-Nov-14	07-Nov-14
SG-08	E411029-22	Vapor	05-Nov-14	07-Nov-14
DUP-02	E411029-23	Vapor	05-Nov-14	07-Nov-14
SG-09	E411029-24	Vapor	05-Nov-14	07-Nov-14

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

DETECTIONS SUMMARY

Sample ID: **SG-14R**

Laboratory ID: **E411029-01**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	340000	3600	ppbv	EPA TO-15	E

Sample ID: **SG-12R**

Laboratory ID: **E411029-02**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	83000	3600	ppbv	EPA TO-15	E
Tetrachloroethene	510	100	ppbv	EPA TO-15	

Sample ID: **SG-01**

Laboratory ID: **E411029-03**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Trichloroethene	97	5.0	ppbv	EPA TO-15	
Tetrachloroethene	18	5.0	ppbv	EPA TO-15	

Sample ID: **SG-05**

Laboratory ID: **E411029-04**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	4100	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	34	1.0	ppbv	EPA TO-15	
Trichloroethene	36	1.0	ppbv	EPA TO-15	

Sample ID: **SG-06**

Laboratory ID: **E411029-05**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	4600	3600	ppbv	EPA TO-15	E
Trichloroethene	1.7	1.0	ppbv	EPA TO-15	
Tetrachloroethene	3.7	1.0	ppbv	EPA TO-15	

Sample ID: **SG-07**

Laboratory ID: **E411029-06**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1,1-Trichloroethane	7.0	1.0	ppbv	EPA TO-15	
Trichloroethene	330	1.0	ppbv	EPA TO-15	
Tetrachloroethene	180	1.0	ppbv	EPA TO-15	

TRC Solutions - MI
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Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Sample ID: **DUP-01**

Laboratory ID: **E411029-07**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1,1-Trichloroethane	6.8	1.0	ppbv	EPA TO-15	
Trichloroethene	320	1.0	ppbv	EPA TO-15	
Tetrachloroethene	180	1.0	ppbv	EPA TO-15	

Sample ID: **TVP-02s**

Laboratory ID: **E411029-08**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
No Detections Reported					

Sample ID: **SG-16**

Laboratory ID: **E411029-09**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	5600	3600	ppbv	EPA TO-15	E
trans-1,2-Dichloroethene	3.1	2.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	5.2	1.0	ppbv	EPA TO-15	
Trichloroethene	4.4	1.0	ppbv	EPA TO-15	
Tetrachloroethene	11	1.0	ppbv	EPA TO-15	

Sample ID: **SG-17**

Laboratory ID: **E411029-10**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	4000	3600	ppbv	EPA TO-15	E
1,1,1-Trichloroethane	370	1.0	ppbv	EPA TO-15	
Tetrachloroethene	2.4	1.0	ppbv	EPA TO-15	

Sample ID: **SG-18**

Laboratory ID: **E411029-11**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
1,1-Difluoroethane (LCC)	5200	3600	ppbv	EPA TO-15	E
trans-1,2-Dichloroethene	6.1	2.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	2.8	1.0	ppbv	EPA TO-15	

Sample ID: **SG-10**

Laboratory ID: **E411029-12**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
No Detections Reported					

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Project Manager: Ms. Stacy Metz

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Sample ID: **SG-11**

Laboratory ID: **E411029-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-15R**

Laboratory ID: **E411029-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-13**

Laboratory ID: **E411029-15**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	4.5	2.0	ppbv	EPA TO-15	

Sample ID: **SG-19**

Laboratory ID: **E411029-16**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	2.1	2.0	ppbv	EPA TO-15	
cis-1,2-Dichloroethene	5.6	1.0	ppbv	EPA TO-15	
Trichloroethene	18	1.0	ppbv	EPA TO-15	

Sample ID: **SG-20**

Laboratory ID: **E411029-17**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	1.5	1.0	ppbv	EPA TO-15	
Trichloroethene	21	1.0	ppbv	EPA TO-15	
Tetrachloroethene	12	1.0	ppbv	EPA TO-15	

Sample ID: **SG-21**

Laboratory ID: **E411029-18**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **SG-02**

Laboratory ID: **E411029-19**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	28000	3600	ppbv	EPA TO-15	E
cis-1,2-Dichloroethene	17	10	ppbv	EPA TO-15	
1,1,1-Trichloroethane	310	10	ppbv	EPA TO-15	
Trichloroethene	2800	10	ppbv	EPA TO-15	
Tetrachloroethene	1800	10	ppbv	EPA TO-15	

TRC Solutions - MI 1540 Eisenhower Place Ann Arbor, MI 48108	Project: TRC110714-10 Rev 2 Project Number: 004308.0001 Phase 1 / Tecumseh, MI Project Manager: Ms. Stacy Metz	Reported: 02-Dec-14 11:20
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Sample ID:	Laboratory ID:	Analyte	Result	Reporting Limit	Units	Method	Notes
SG-03R	E411029-20	No Detections Reported					
SG-04	E411029-21	1,1-Difluoroethane (LCC)	8600	3600	ppbv	EPA TO-15	E
		1,1-Dichloroethane	6.8	2.0	ppbv	EPA TO-15	
SG-08	E411029-22	1,1-Difluoroethane (LCC)	5900	3600	ppbv	EPA TO-15	E
		1,1,1-Trichloroethane	4.2	1.0	ppbv	EPA TO-15	
		Trichloroethene	2.2	1.0	ppbv	EPA TO-15	
DUP-02	E411029-23	1,1,1-Trichloroethane	4.7	1.0	ppbv	EPA TO-15	
		Trichloroethene	8.6	1.0	ppbv	EPA TO-15	
SG-09	E411029-24	1,1,1-Trichloroethane	11	1.0	ppbv	EPA TO-15	
		Trichloroethene	67	1.0	ppbv	EPA TO-15	

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-14R (E411029-01) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	340000	3600	ppbv	100	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	E
Vinyl chloride	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	100	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 93.3 % 76-134 " " " "

Surrogate: Toluene-d8 103 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 115 % 77-127 " " " "

SG-12R (E411029-02) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	83000	3600	ppbv	100	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	E
Vinyl chloride	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	100	"	"	"	"	"	"	
Trichloroethene	ND	100	"	"	"	"	"	"	
Tetrachloroethene	510	100	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 91.8 % 76-134 " " " "

Surrogate: Toluene-d8 102 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 112 % 77-127 " " " "

TRC Solutions - MI
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Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-01 (E411029-03) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	5	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	5.0	"	"	"	"	"	"	
Trichloroethene	97	5.0	"	"	"	"	"	"	
Tetrachloroethene	18	5.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 90.1 % 76-134 " " " "

Surrogate: Toluene-d8 99.1 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 114 % 77-127 " " " "

SG-05 (E411029-04) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	4100	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	34	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	36	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 120 % 76-134 " " " "

Surrogate: Toluene-d8 108 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 95.0 % 77-127 " " " "

TRC Solutions - MI
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Project Manager: Ms. Stacy Metz

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-06 (E411029-05) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	4600	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	1.7	1.0	"	"	"	"	"	"	
Tetrachloroethene	3.7	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 119 % 76-134 " " " "

Surrogate: Toluene-d8 111 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 94.4 % 77-127 " " " "

SG-07 (E411029-06) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	7.0	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	330	1.0	"	"	"	"	"	"	
Tetrachloroethene	180	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 121 % 76-134 " " " "

Surrogate: Toluene-d8 110 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 92.4 % 77-127 " " " "

TRC Solutions - MI
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Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-01 (E411029-07) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	6.8	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	320	1.0	"	"	"	"	"	"	
Tetrachloroethene	180	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 76-134 " " " "

Surrogate: Toluene-d8 112 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 92.2 % 77-127 " " " "

TVP-02s (E411029-08) Vapor Sampled: 03-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 119 % 76-134 " " " "

Surrogate: Toluene-d8 110 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 94.9 % 77-127 " " " "

TRC Solutions - MI
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Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-16 (E411029-09) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	5600	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	3.1	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	5.2	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	4.4	1.0	"	"	"	"	"	"	
Tetrachloroethene	11	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 116 % 76-134 " " " "

Surrogate: Toluene-d8 111 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 95.8 % 77-127 " " " "

SG-17 (E411029-10) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	4000	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	370	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	2.4	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 122 % 76-134 " " " "

Surrogate: Toluene-d8 110 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 95.9 % 77-127 " " " "

TRC Solutions - MI
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Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-18 (E411029-11) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	5200	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	6.1	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2.8	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4

116 % 76-134

"

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"

"

Surrogate: Toluene-d8

110 % 78-125

"

"

"

"

Surrogate: 4-Bromofluorobenzene

95.3 % 77-127

"

"

"

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SG-10 (E411029-12) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14

1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4

118 % 76-134

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"

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Surrogate: Toluene-d8

110 % 78-125

"

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"

"

Surrogate: 4-Bromofluorobenzene

92.5 % 77-127

"

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TRC Solutions - MI
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Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-11 (E411029-13) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 119 % 76-134 " " " "

Surrogate: Toluene-d8 109 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 94.4 % 77-127 " " " "

SG-15R (E411029-14) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 76-134 " " " "

Surrogate: Toluene-d8 109 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 94.0 % 77-127 " " " "

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-13 (E411029-15) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	13-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	4.5	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 117 % 76-134 " " " "

Surrogate: Toluene-d8 109 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 94.9 % 77-127 " " " "

SG-19 (E411029-16) Vapor Sampled: 04-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	A
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	2.1	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	5.6	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	18	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 116 % 76-134 " " " "

Surrogate: Toluene-d8 104 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 93.9 % 77-127 " " " "

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-20 (E411029-17) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.5	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	21	1.0	"	"	"	"	"	"	
Tetrachloroethene	12	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 76-134 " " " "

Surrogate: Toluene-d8 106 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 95.0 % 77-127 " " " "

SG-21 (E411029-18) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 76-134 " " " "

Surrogate: Toluene-d8 105 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 96.8 % 77-127 " " " "

TRC Solutions - MI
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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-02 (E411029-19) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	28000	3600	ppbv	10	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	E
Vinyl chloride	ND	10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1-Dichloroethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	17	10	"	"	"	"	"	"	
1,1,1-Trichloroethane	310	10	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	"	"	"	"	"	"	
Trichloroethene	2800	10	"	"	"	"	"	"	
Tetrachloroethene	1800	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 91.2 % 76-134 " " " "

Surrogate: Toluene-d8 103 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 110 % 77-127 " " " "

SG-03R (E411029-20) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 117 % 76-134 " " " "

Surrogate: Toluene-d8 105 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 97.9 % 77-127 " " " "

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-04 (E411029-21) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	8600	3600	ppbv	2	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	E
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1-Dichloroethane	6.8	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 124 % 76-134 " " " "

Surrogate: Toluene-d8 109 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 89.1 % 77-127 " " " "

SG-08 (E411029-22) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	5900	3600	ppbv	1	EK41208	13-Nov-14	14-Nov-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	4.2	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	2.2	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 76-134 " " " "

Surrogate: Toluene-d8 109 % 78-125 " " " "

Surrogate: 4-Bromofluorobenzene 91.9 % 77-127 " " " "

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-02 (E411029-23) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	4.7	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	8.6	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	90.9 %	76-134	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>	104 %	78-125	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>	116 %	77-127	"	"	"	"	"	"

SG-09 (E411029-24) Vapor Sampled: 05-Nov-14 Received: 07-Nov-14									
1,1-Difluoroethane (LCC)	ND	3600	ppbv	1	EK41503	14-Nov-14	14-Nov-14	EPA TO-15	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	11	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	67	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.2 %	76-134	"	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>	102 %	78-125	"	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>	113 %	77-127	"	"	"	"	"	"

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Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41208 - TO-15

Prepared & Analyzed: 13-Nov-14

Blank (EK41208-BLK1)

1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	58.2		"	50.2		116	76-134			
<i>Surrogate: Toluene-d8</i>	53.8		"	49.8		108	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	47.2		"	50.2		94.0	77-127			

LCS (EK41208-BS1)

Prepared & Analyzed: 13-Nov-14

Vinyl chloride	20	1.0	ppbv	20.1		101	70-130			
1,1-Dichloroethene	25	1.0	"	20.1		123	70-130			
trans-1,2-Dichloroethene	23	2.0	"	20.1		114	70-130			
1,1-Dichloroethane	23	1.0	"	20.1		114	70-130			
cis-1,2-Dichloroethene	19	1.0	"	19.9		97.9	70-130			
1,1,1-Trichloroethane	19	1.0	"	20.2		96.0	70-130			
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		102	70-130			
Trichloroethene	18	1.0	"	20.1		90.7	70-130			
Tetrachloroethene	16	1.0	"	20.1		78.5	70-130			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.5		"	50.2		111	76-134			
<i>Surrogate: Toluene-d8</i>	51.1		"	49.8		103	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	51.1		"	50.2		102	77-127			

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Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41208 - TO-15

LCS Dup (EK41208-bsd1)

Prepared & Analyzed: 13-Nov-14

Vinyl chloride	21	1.0	ppbv	20.1	104	70-130	2.62	25	
1,1-Dichloroethene	25	1.0	"	20.1	126	70-130	2.25	25	
trans-1,2-Dichloroethene	18	2.0	"	20.1	87.6	70-130	26.2	25	QR-02
1,1-Dichloroethane	20	1.0	"	20.1	100	70-130	13.1	25	
cis-1,2-Dichloroethene	18	1.0	"	19.9	93.0	70-130	5.16	25	
1,1,1-Trichloroethane	19	1.0	"	20.2	96.3	70-130	0.309	25	
1,2-Dichloroethane (EDC)	21	1.0	"	20.1	102	70-130	0.732	25	
Trichloroethene	18	1.0	"	20.1	90.9	70-130	0.274	25	
Tetrachloroethene	16	1.0	"	20.1	79.5	70-130	1.32	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.8		"	50.2	111	76-134			
<i>Surrogate: Toluene-d8</i>	52.1		"	49.8	105	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.4		"	50.2	98.3	77-127			

Batch EK41503 - TO-15

Blank (EK41503-BLK1)

Prepared & Analyzed: 14-Nov-14

1,1-Difluoroethane (LCC)	ND	3600	ppbv						
Vinyl chloride	ND	1.0	"						
1,1-Dichloroethene	ND	1.0	"						
trans-1,2-Dichloroethene	ND	2.0	"						
1,1-Dichloroethane	ND	1.0	"						
cis-1,2-Dichloroethene	ND	1.0	"						
1,1,1-Trichloroethane	ND	1.0	"						
1,2-Dichloroethane (EDC)	ND	1.0	"						
Trichloroethene	ND	1.0	"						
Tetrachloroethene	ND	1.0	"						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	45.9		"	50.2	91.5	76-134			
<i>Surrogate: Toluene-d8</i>	50.4		"	49.8	101	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	56.0		"	50.2	111	77-127			

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Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41503 - TO-15

LCS (EK41503-BS1)

Prepared & Analyzed: 14-Nov-14

Vinyl chloride	17	1.0	ppbv	20.1		83.6	70-130			
1,1-Dichloroethene	22	1.0	"	20.1		107	70-130			
trans-1,2-Dichloroethene	20	2.0	"	20.1		100	70-130			
1,1-Dichloroethane	21	1.0	"	20.1		106	70-130			
cis-1,2-Dichloroethene	20	1.0	"	19.9		99.5	70-130			
1,1,1-Trichloroethane	20	1.0	"	20.2		100	70-130			
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		101	70-130			
Trichloroethene	21	1.0	"	20.1		103	70-130			
Tetrachloroethene	18	1.0	"	20.1		89.7	70-130			

Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.2		89.2	76-134			
Surrogate: Toluene-d8	48.6		"	49.8		97.6	78-125			
Surrogate: 4-Bromofluorobenzene	59.9		"	50.2		119	77-127			

LCS Dup (EK41503-BSD1)

Prepared & Analyzed: 14-Nov-14

Vinyl chloride	17	1.0	ppbv	20.1		82.8	70-130	0.959	25	
1,1-Dichloroethene	20	1.0	"	20.1		98.8	70-130	8.03	25	
trans-1,2-Dichloroethene	17	2.0	"	20.1		87.0	70-130	14.0	25	
1,1-Dichloroethane	20	1.0	"	20.1		99.7	70-130	6.53	25	
cis-1,2-Dichloroethene	20	1.0	"	19.9		99.7	70-130	0.252	25	
1,1,1-Trichloroethane	20	1.0	"	20.2		99.1	70-130	0.897	25	
1,2-Dichloroethane (EDC)	20	1.0	"	20.1		99.9	70-130	1.44	25	
Trichloroethene	21	1.0	"	20.1		102	70-130	0.775	25	
Tetrachloroethene	18	1.0	"	20.1		91.3	70-130	1.70	25	

Surrogate: 1,2-Dichloroethane-d4	44.6		"	50.2		88.8	76-134			
Surrogate: Toluene-d8	48.8		"	49.8		97.9	78-125			
Surrogate: 4-Bromofluorobenzene	60.2		"	50.2		120	77-127			

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- A The result exceeds the linear range of the calibration but is less than the reporting limit.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC110714-10 Rev 2
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
02-Dec-14 11:20

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory (Certification # L11-175) in accordance with the DoD-ELAP program. H&P is approved by the State of Arizona under Certification Numbers AZM758 and AZ0779. H&P is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

Hexachlorobutadiene by EPA TO-15 & TO-14A	1,3-Dichlorobenzene by EPA TO-15 & TO-14A
1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A	Trichlorofluoromethane by EPA TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A	Naphthalene by H&P SOP TO-15/GC-MS
Dichlorotetrafluoroethane by EPA TO-14A	1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A	1,2-Dibromo-3-chloropropane by EPA TO-15
Benzene by EPA TO-15 & TO-14A	1,3-Butadiene by EPA TO-15
Chlorobenzene by EPA TO-15 & TO-14A	1,1,2-Trichlorotrifluoroethane by EPA TO-14A
Ethyl benzene by EPA TO-15 & TO-14A	Carbon disulfide by EPA TO-15
Styrene by EPA TO-15 & TO-14A	1,4-Dioxane by EPA TO-15
Toluene by EPA TO-15 & TO-14A	
Total Xylenes by EPA TO-15	
1,1,1-Trichloroethane by EPA TO-15 & TO-14A	
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A	
1,1,2-Trichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethene by EPA TO-15 & TO-14A	
1,2-Dichloroethane by EPA TO-15 & TO-14A	
1,2-Dichloropropane by EPA TO-15 & TO-14A	
Benzyl Chloride by EPA TO-15 & TO-14A	
Bromoform by EPA TO-15	
Bromomethane by EPA TO-15 & TO-14A	
Carbon tetrachloride by EPA TO-15 & TO-14A	
Chloroethane by EPA TO-15 & TO-14A	
Chloroform by EPA TO-15 & TO-14A	
Chloromethane by EPA TO-15 & TO-14A	
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A	
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Methylene chloride by EPA TO -15 & TO-14A	
Tetrachloroethane by EPA TO-15 & TO-14A	
trans-1,2-Dichloroethene by EPA TO-15	
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Trichloroethene by EPA TO-15 & TO-14A	
Vinyl chloride by EPA TO -15	
2-Butanone by EPA TO-15	
4-Methyl-2-Pentanone by EPA TO-15	
Hexane by EPA TO-15	
Methyl tert-butyl ether by EPA TO-15	
Vinyl acetate by EPA TO-15	

This certification applies to samples analyzed in summa canisters.

Lab Client and Project Information	
Lab Client/Consultant: TRC Solutions	Project Name / #: TRC Soil Gas / 4308.0001
Lab Client Project Manager: Stacy Metz	Project Location: Tecumseh, MI
Lab Client Address: 1540 Eisenhower PI	Report E-Mail(s): rsortor@trcsolutions.com smetz@trcsolutions.com
Lab Client City, State, Zip: Ann Arbor, MI 48108	
Phone Number: 734-585-7825	

Sample Receipt (Lab Use Only)	
Date Rec'd: 11/7/14	Control #: 140827.01
H&P Project # TRC 110714-10	
Lab Work Order # E411029	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
Outside Lab:	
Receipt Notes/Tracking #: 7717 5780 5346/5313	
Lab PM Initials: SN	

Reporting Requirements	Turnaround Time	Sampler Information
<input type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input checked="" type="checkbox"/> Level IV <input checked="" type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____	<input checked="" type="checkbox"/> 5-7 day Std <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	Sampler(s): Rachel Sortor Signature: Rachel T. Sortor Date: 11/3/14

Additional Instructions to Laboratory:

Check if Project Analyte List is Included:
* Preferred VOC units (please choose one):
 µg/L µg/m³ ppbv ppmv

Purchase Order #66655-54219

Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA

<input type="checkbox"/> VOCs Standard Full List	<input type="checkbox"/> TO-15
<input type="checkbox"/> VOCs Short List / Project List	<input type="checkbox"/> TO-15
<input type="checkbox"/> Oxygenates	<input type="checkbox"/> TO-15
<input type="checkbox"/> Naphthalene	<input type="checkbox"/> TO-15
<input type="checkbox"/> TPHv as Gas	<input type="checkbox"/> TO-15m
<input type="checkbox"/> TPHv as Diesel (sorber tube)	<input type="checkbox"/> TO-17m
<input type="checkbox"/> Aromatic/Aliphatic Fractions	<input type="checkbox"/> TO-15m
<input type="checkbox"/> Leak Check Compound	<input type="checkbox"/> He
<input checked="" type="checkbox"/> Methane by EPA 8015m	
<input type="checkbox"/> Fixed Gases by ASTM D1945	<input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2
<input type="checkbox"/> VOCs Per Additional Instructions	<input checked="" type="checkbox"/> TO-15

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List <input type="checkbox"/> TO-15	VOCs Short List / Project List <input type="checkbox"/> TO-15	Oxygenates <input type="checkbox"/> TO-15	Naphthalene <input type="checkbox"/> TO-15	TPHv as Gas <input type="checkbox"/> TO-15m	TPHv as Diesel (sorber tube) <input type="checkbox"/> TO-17m	Aromatic/Aliphatic Fractions <input type="checkbox"/> TO-15m	Leak Check Compound <input checked="" type="checkbox"/> DFA <input type="checkbox"/> IPA <input type="checkbox"/> He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 <input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2	VOCs Per Additional Instructions <input type="checkbox"/> TO-15
SG-14R	NA	11/3/14	*See Note	SV	1L Summa	427	.05								X			X
SG-12R			1006-1750			363	.72											
SG-01			1035-1059			437	.71											
SG-05			1606-11027			172	.50											
SG-06			1640-1656			385	.17											
SG-07			1653-1728			425	.46											
DUP-01			XXX			179	.91											
TVP-025 (023)		11/17/14	1709-1724			403	.70											
SG-16		11/4/14	0826-0839			400	.40											
SG-17			0855-0918			410	.73											

Approved/Relinquished by: Rachel T. Sortor	Company: TRC	Date: 11/5/14	Time: 1600	Received by: Fed Ex	Company: H&P	Date: 11/5/14	Time: 1600
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

* 11/3/14 : 0946-1738
11/4/14 : 0750-1013
(ven = low collection rate over two days)

Lab Client and Project Information		
Lab Client/Consultant:	TRC Solutions	Project Name / #: 004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location: Tecumseh, MI
Lab Client Address:	1540 Eisenhower PI	Report E-Mail(s): rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108	smetz@trcsolutions.com
Phone Number:	734-585-7825	
Reporting Requirements	Turnaround Time	Sampler Information
<input type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input checked="" type="checkbox"/> Level IV <input checked="" type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____	<input checked="" type="checkbox"/> 5-7 day Stnd <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	Sampler(s): Rachel Sortor Signature: <i>Rachel Sortor</i> Date: 11/4/14

Sample Receipt (Lab Use Only)	
Date Rec'd: 11/7/14	Control #: 140827.01
H&P Project # TRC 110714-10	
Lab Work Order # E411029	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
Outside Lab:	
Receipt Notes/Tracking #: SEEPG1	
Lab PM Initials: SN	

Additional Instructions to Laboratory:		Purchase Order #54219																	
<input checked="" type="checkbox"/> Check if Project Analyte List is Included: * Preferred VOC units (please choose one): <input type="checkbox"/> µg/L <input type="checkbox"/> µg/m ³ <input checked="" type="checkbox"/> ppbv <input type="checkbox"/> ppmv		Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA																	
SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	VOCs Short List / Project List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Oxygenates <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Naphthalene <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15 <input type="checkbox"/> TO-17m	TPHv as Gas <input type="checkbox"/> 8260SVm <input type="checkbox"/> TO-15m	TPHv as Diesel (sorber tube) <input type="checkbox"/> TO-17m	Aromatic/Aliphatic Fractions <input type="checkbox"/> 8260SVm <input type="checkbox"/> TO-15m	Leak Check Compound <input checked="" type="checkbox"/> DFA <input type="checkbox"/> IPA <input type="checkbox"/> He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 <input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2	VOCs Per Additional Instructions <input type="checkbox"/> 8260SV <input checked="" type="checkbox"/> TO-15	
S6-18	NA	11/4/14	0924-0950	SV	1L Summa	428	-0.10								<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
S6-10			0944-1006			432	.12												
S6-11			1030-1050			417	-0.35												
S6-15R			1229-1249			361	.17												
S6-13			1303-1316			415	.11												
S6-19			1315-1338			438	.04												
S6-20		11/5/14	0836-0851			392	.05												
S6-21			0903-0913			424	1.01												
S6-02			0958-1014			436	.50												
S6-03R			1028-1053			444	.36												
Approved/Relinquished by: <i>Rachel Sortor</i>		Company: TRC	Date: 11/5/14	Time: 1600	Received by: Fed Ex		Company: H&P	Date: 11/5/14	Time: 1600	Received by: <i>Handp</i>		Company: H&P	Date: 11/7/14	Time: 1000	Approved/Relinquished by:		Company:	Date:	Time:
Approved/Relinquished by:		Company:	Date:	Time:	Received by:		Company:	Date:	Time:	Approved/Relinquished by:		Company:	Date:	Time:	Approved/Relinquished by:		Company:	Date:	Time:

Lab Client and Project Information	
Lab Client/Consultant: TRC Solutions	Project Name / #: 004308.0001 Phase 1
Lab Client Project Manager: Stacy Metz	Project Location: Tecumseh, MI
Lab Client Address: 1540 Eisenhower Pl	Report E-Mail(s): rsortor@trcsolutions.com
Lab Client City, State, Zip: Ann Arbor, MI 48108	smetz@trcsolutions.com
Phone Number: 734-585-7825	

Sample Receipt (Lab Use Only)	
Date Rec'd: 11/7/14	Control #: 140827.01
H&P Project # TRC110714-10	
Lab Work Order # E411029	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 11167	Temp: 22°C
Outside Lab:	
Receipt Notes/Tracking #: SEE PA1	
Lab PM Initials: SN	

Reporting Requirements	Turnaround Time	Sampler Information
<input type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input checked="" type="checkbox"/> Level IV <input checked="" type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____	<input checked="" type="checkbox"/> 5-7 day Stnd <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	Sampler(s): Rachel Sortor Signature: Rachel Sortor Date: 11/5/14

Additional Instructions to Laboratory: <input checked="" type="checkbox"/> Check if Project Analyte List is Included: * Preferred VOC units (please choose one): <input type="checkbox"/> µg/L <input type="checkbox"/> µg/m ³ <input checked="" type="checkbox"/> ppbv <input type="checkbox"/> ppmv	Purchase Order #54219 Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA
--	--

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List		VOCs Short List / Project List		Oxygenates		Naphthalene		TPHv as Gas		TPHv as Diesel (sorbent tube)		Aromatic/Aliphatic Fractions		Leak Check Compound		Methane by EPA 8015m		Fixed Gases by ASTM D1945		VOCs Per Additional Instructions	
								<input type="checkbox"/> 8260SV	<input type="checkbox"/> TO-15	<input type="checkbox"/> 8260SV	<input type="checkbox"/> TO-15	<input type="checkbox"/> 8260SV	<input type="checkbox"/> TO-15	<input type="checkbox"/> 8260SV	<input type="checkbox"/> TO-15	<input type="checkbox"/> TO-17m	<input type="checkbox"/> 8260SV/m	<input type="checkbox"/> TO-15m	<input type="checkbox"/> TO-17m	<input type="checkbox"/> DFA	<input type="checkbox"/> IPA	<input type="checkbox"/> He	<input type="checkbox"/> EPA 8015m	<input type="checkbox"/> CO2	<input type="checkbox"/> O2	<input type="checkbox"/> N2	<input type="checkbox"/> 8260SV	<input checked="" type="checkbox"/> TO-15	
56-04	NA	11/5/14	1106-1131	SV	1L Summa	421	-12															X						X	
56-08			1155-1230			181	-36																						
Dup-02			XXXX			373	-14																						
56-07-09			1205-1213			439	-04																						

Approved/Relinquished by: Rachel Sortor	Company: TRC	Date: 11/5/14	Time: 11:00	Received by: Fed Ex	Company: Fed Ex	Date: 11/5/14	Time: 11:00
Approved/Relinquished by:	Company:	Date:	Time:	Received by: [Signature]	Company: H&P	Date: 11/7/14	Time: 11:00
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

15 December 2014

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108



H&P Project: TRC120814-10
Client Project: 004308.0001 Phase 1 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 08-Dec-14 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

A handwritten signature in cursive script that reads "Janis Villarreal".

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-19	E412028-01	Vapor	04-Dec-14	08-Dec-14

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

DETECTIONS SUMMARY

Sample ID: **SG-19**

Laboratory ID: **E412028-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	11000	3600	ppbv	EPA TO-15	E

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-19 (E412028-01) Vapor Sampled: 04-Dec-14 Received: 08-Dec-14									
1,1-Difluoroethane (LCC)	11000	3600	ppbv	1	EL41106	11-Dec-14	11-Dec-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>115 %</i>		<i>76-134</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>107 %</i>		<i>78-125</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>86.6 %</i>		<i>77-127</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch EL41106 - TO-15

Blank (EL41106-BLK1)

Prepared & Analyzed: 11-Dec-14

1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	56.8		"	50.2		113	76-134			
<i>Surrogate: Toluene-d8</i>	53.7		"	49.8		108	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.2		"	50.2		88.0	77-127			

LCS (EL41106-BS1)

Prepared & Analyzed: 11-Dec-14

Vinyl chloride	17	1.0	ppbv	20.1		85.4	70-130			
1,1-Dichloroethene	20	1.0	"	20.1		99.8	70-130			
trans-1,2-Dichloroethene	20	2.0	"	20.1		98.1	70-130			
1,1-Dichloroethane	19	1.0	"	20.1		96.3	70-130			
cis-1,2-Dichloroethene	16	1.0	"	19.9		82.8	70-130			
1,1,1-Trichloroethane	17	1.0	"	20.2		85.1	70-130			
1,2-Dichloroethane (EDC)	18	1.0	"	20.1		87.3	70-130			
Trichloroethene	17	1.0	"	20.1		86.3	70-130			
Tetrachloroethene	15	1.0	"	20.1		75.4	70-130			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.1		"	50.2		110	76-134			
<i>Surrogate: Toluene-d8</i>	51.0		"	49.8		102	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	55.4		"	50.2		110	77-127			

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL41106 - TO-15

LCS Dup (EL41106-BSD1)

Prepared & Analyzed: 11-Dec-14

Vinyl chloride	18	1.0	ppbv	20.1		91.1	70-130	6.50	25	
1,1-Dichloroethene	21	1.0	"	20.1		103	70-130	2.76	25	
trans-1,2-Dichloroethene	15	2.0	"	20.1		75.7	70-130	25.8	25	QR-02
1,1-Dichloroethane	18	1.0	"	20.1		91.7	70-130	4.88	25	
cis-1,2-Dichloroethene	17	1.0	"	19.9		83.5	70-130	0.907	25	
1,1,1-Trichloroethane	17	1.0	"	20.2		85.7	70-130	0.697	25	
1,2-Dichloroethane (EDC)	18	1.0	"	20.1		90.4	70-130	3.53	25	
Trichloroethene	18	1.0	"	20.1		88.7	70-130	2.67	25	
Tetrachloroethene	16	1.0	"	20.1		78.6	70-130	4.14	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.2		"	50.2		110	76-134			
<i>Surrogate: Toluene-d8</i>	51.5		"	49.8		103	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	56.0		"	50.2		112	77-127			

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC120814-10
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
15-Dec-14 11:16

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory (Certification # L11-175) in accordance with the DoD-ELAP program. H&P is approved by the State of Arizona under Certification Numbers AZM758 and AZ0779. H&P is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

Hexachlorobutadiene by EPA TO-15 & TO-14A	1,3-Dichlorobenzene by EPA TO-15 & TO-14A
1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A	Trichlorofluoromethane by EPA TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A	Naphthalene by H&P SOP TO-15/GC-MS
Dichlorotetrafluoroethane by EPA TO-14A	1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A	1,2-Dibromo-3-chloropropane by EPA TO-15
Benzene by EPA TO-15 & TO-14A	1,3-Butadiene by EPA TO-15
Chlorobenzene by EPA TO-15 & TO-14A	1,1,2-Trichlorotrifluoroethane by EPA TO-14A
Ethyl benzene by EPA TO-15 & TO-14A	Carbon disulfide by EPA TO-15
Styrene by EPA TO-15 & TO-14A	1,4-Dioxane by EPA TO-15
Toluene by EPA TO-15 & TO-14A	
Total Xylenes by EPA TO-15	
1,1,1-Trichloroethane by EPA TO-15 & TO-14A	
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A	
1,1,2-Trichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethene by EPA TO-15 & TO-14A	
1,2-Dichloroethane by EPA TO-15 & TO-14A	
1,2-Dichloropropane by EPA TO-15 & TO-14A	
Benzyl Chloride by EPA TO-15 & TO-14A	
Bromoform by EPA TO-15	
Bromomethane by EPA TO-15 & TO-14A	
Carbon tetrachloride by EPA TO-15 & TO-14A	
Chloroethane by EPA TO-15 & TO-14A	
Chloroform by EPA TO-15 & TO-14A	
Chloromethane by EPA TO-15 & TO-14A	
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A	
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Methylene chloride by EPA TO -15 & TO-14A	
Tetrachloroethane by EPA TO-15 & TO-14A	
trans-1,2-Dichloroethene by EPA TO-15	
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Trichloroethene by EPA TO-15 & TO-14A	
Vinyl chloride by EPA TO -15	
2-Butanone by EPA TO-15	
4-Methyl-2-Pentanone by EPA TO-15	
Hexane by EPA TO-15	
Methyl tert-butyl ether by EPA TO-15	
Vinyl acetate by EPA TO-15	

This certification applies to samples analyzed in summa canisters.

Lab Client and Project Information		
Lab Client/Consultant:	TRC Solutions	Project Name / #: 004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location: Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s): rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108	smetz@trcsolutions.com
Phone Number:	734-585-7825	
Reporting Requirements	Turnaround Time	Sampler Information
<input type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input checked="" type="checkbox"/> Level IV <input checked="" type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____	<input checked="" type="checkbox"/> 5-7 day Std <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	Sampler(s): <i>Stacy Metz / Christine Giesg</i> Signature: <i>[Signature]</i> Date: <i>12/4/14</i>

Sample Receipt (Lab Use Only)	
Date Rec'd: <i>8 DEC 14</i>	Control #: <i>140952.01</i>
H&P Project # <i>TRC 120814-10</i>	
Lab Work Order # <i>E412028</i>	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: <i>1167</i>	Temp: <i>21</i>
Outside Lab:	
Receipt Notes/Tracking #: <i>7721 1676 4890</i>	
Lab PM Initials: <i>SN</i>	

Additional Instructions to Laboratory:				Purchase Order #54219														
<input checked="" type="checkbox"/> Check if Project Analyte List is Included: * Preferred VOC units (please choose one): <input type="checkbox"/> µg/L <input type="checkbox"/> µg/m ³ <input checked="" type="checkbox"/> ppbv <input type="checkbox"/> ppmv				Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA														
SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	VOCs Short List / Project List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Oxygenates <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Naphthalene <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15 <input type="checkbox"/> TO-17m	TPHv as Gas <input type="checkbox"/> 8260SV/m <input type="checkbox"/> TO-15m	TPHv as Diesel (sorbent tube) <input type="checkbox"/> TO-17m	Aromatic/Aliphatic Fractions <input type="checkbox"/> 8260SV/m <input type="checkbox"/> TO-15m	Leak Check Compound <input checked="" type="checkbox"/> DFA <input type="checkbox"/> IPA <input type="checkbox"/> He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 <input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2	VOCs Per Additional Instructions <input type="checkbox"/> 8260SV <input checked="" type="checkbox"/> TO-15
SG-19	NA	12/04/14	1454-2532	SV	1L	271	1.6Z								X			X
Approved/Relinquished by: <i>Stacy Metz</i>	Company: <i>TRC</i>	Date: <i>12/5/14</i>	Time: <i>1454</i>	Received by: <i>Fed Ex</i>	Company: <i>Fed Ex</i>	Date: <i>12/5/14</i>	Time: <i>1100</i>											
Approved/Relinquished by: <i>[Signature]</i>	Company: <i>H&P</i>	Date: <i>12/8/14</i>	Time: <i>1100</i>															
Approved/Relinquished by: _____	Company: _____	Date: _____	Time: _____															

29 December 2014

Ms. Stacy Metz
TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108



H&P Project: TRC121614-12
Client Project: 004308.0001 Phase 1 / Tecumseh, MI

Dear Ms. Stacy Metz:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 16-Dec-14 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

A handwritten signature in cursive script that reads "Janis Villarreal".

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-12R	E412066-01	Vapor	15-Dec-14	16-Dec-14

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

DETECTIONS SUMMARY

Sample ID: **SG-12R**

Laboratory ID: **E412066-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	2100000	3600	ppbv	EPA TO-15	E

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-12R (E412066-01) Vapor Sampled: 15-Dec-14 Received: 16-Dec-14									
1,1-Difluoroethane (LCC)	2100000	3600	ppbv	200	EL42206	22-Dec-14	23-Dec-14	EPA TO-15	E
Vinyl chloride	ND	1.0	"	1	"	"	22-Dec-14	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		117 %		76-134	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %		78-125	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		87.5 %		77-127	"	"	"	"	

TRC Solutions - MI
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Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL42206 - TO-15

Blank (EL42206-BLK1)

Prepared & Analyzed: 22-Dec-14

1,1-Difluoroethane (LCC)	ND	3600	ppbv							
Vinyl chloride	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	56.6		"	50.2		113	76-134			
<i>Surrogate: Toluene-d8</i>	52.4		"	49.8		105	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	43.1		"	50.2		85.9	77-127			

LCS (EL42206-BS1)

Prepared & Analyzed: 22-Dec-14

Vinyl chloride	16	1.0	ppbv	20.1		81.4	70-130			
1,1-Dichloroethene	19	1.0	"	20.1		95.5	70-130			
trans-1,2-Dichloroethene	17	2.0	"	20.1		85.9	70-130			
1,1-Dichloroethane	18	1.0	"	20.1		88.6	70-130			
cis-1,2-Dichloroethene	19	1.0	"	19.9		94.8	70-130			
1,1,1-Trichloroethane	17	1.0	"	20.2		86.0	70-130			
1,2-Dichloroethane (EDC)	17	1.0	"	20.1		86.5	70-130			
Trichloroethene	18	1.0	"	20.1		90.1	70-130			
Tetrachloroethene	15	1.0	"	20.1		77.1	70-130			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	51.2		"	50.2		102	76-134			
<i>Surrogate: Toluene-d8</i>	51.0		"	49.8		102	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.5		"	50.2		98.5	77-127			

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL42206 - TO-15

LCS Dup (EL42206-BSD1)

Prepared & Analyzed: 22-Dec-14

Vinyl chloride	18	1.0	ppbv	20.1		89.6	70-130	9.56	25	
1,1-Dichloroethene	21	1.0	"	20.1		104	70-130	8.54	25	
trans-1,2-Dichloroethene	19	2.0	"	20.1		93.6	70-130	8.55	25	
1,1-Dichloroethane	22	1.0	"	20.1		107	70-130	19.3	25	
cis-1,2-Dichloroethene	17	1.0	"	19.9		83.8	70-130	12.3	25	
1,1,1-Trichloroethane	18	1.0	"	20.2		90.8	70-130	5.44	25	
1,2-Dichloroethane (EDC)	19	1.0	"	20.1		92.3	70-130	6.58	25	
Trichloroethene	19	1.0	"	20.1		92.8	70-130	3.05	25	
Tetrachloroethene	16	1.0	"	20.1		78.5	70-130	1.85	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>55.1</i>		<i>"</i>	<i>50.2</i>		<i>110</i>	<i>76-134</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.1</i>		<i>"</i>	<i>49.8</i>		<i>105</i>	<i>78-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.3</i>		<i>"</i>	<i>50.2</i>		<i>98.1</i>	<i>77-127</i>			

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Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

Notes and Definitions

- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

TRC Solutions - MI
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: TRC121614-12
Project Number: 004308.0001 Phase 1 / Tecumseh, MI
Project Manager: Ms. Stacy Metz

Reported:
29-Dec-14 13:19

Appendix

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Hexachlorobutadiene by EPA TO-15 & TO-14A	1,3-Dichlorobenzene by EPA TO-15 & TO-14A
1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A	Trichlorofluoromethane by EPA TO-14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A	Naphthalene by H&P SOP TO-15/GC-MS
Dichlorotetrafluoroethane by EPA TO-14A	1,2-Dibromoethane (EDB) by EPA TO-15 & TO-14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A	1,2-Dibromo-3-chloropropane by EPA TO-15
Benzene by EPA TO-15 & TO-14A	1,3-Butadiene by EPA TO-15
Chlorobenzene by EPA TO-15 & TO-14A	1,1,2-Trichlorotrifluoroethane by EPA TO-14A
Ethyl benzene by EPA TO-15 & TO-14A	Carbon disulfide by EPA TO-15
Styrene by EPA TO-15 & TO-14A	1,4-Dioxane by EPA TO-15
Toluene by EPA TO-15 & TO-14A	
Total Xylenes by EPA TO-15	
1,1,1-Trichloroethane by EPA TO-15 & TO-14A	
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A	
1,1,2-Trichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethane by EPA TO-15 & TO-14A	
1,1-Dichloroethene by EPA TO-15 & TO-14A	
1,2-Dichloroethane by EPA TO-15 & TO-14A	
1,2-Dichloropropane by EPA TO-15 & TO-14A	
Benzyl Chloride by EPA TO-15 & TO-14A	
Bromoform by EPA TO-15	
Bromomethane by EPA TO-15 & TO-14A	
Carbon tetrachloride by EPA TO-15 & TO-14A	
Chloroethane by EPA TO-15 & TO-14A	
Chloroform by EPA TO-15 & TO-14A	
Chloromethane by EPA TO-15 & TO-14A	
cis-1,2-Dichloroethene by EPA TO-15 & TO-14A	
cis-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Methylene chloride by EPA TO -15 & TO-14A	
Tetrachloroethane by EPA TO-15 & TO-14A	
trans-1,2-Dichloroethene by EPA TO-15	
trans-1,3-Dichloropropene by EPA TO-15 & TO-14A	
Trichloroethene by EPA TO-15 & TO-14A	
Vinyl chloride by EPA TO -15	
2-Butanone by EPA TO-15	
4-Methyl-2-Pentanone by EPA TO-15	
Hexane by EPA TO-15	
Methyl tert-butyl ether by EPA TO-15	
Vinyl acetate by EPA TO-15	

This certification applies to samples analyzed in summa canisters.

Lab Client and Project Information			
Lab Client/Consultant:	TRC Solutions	Project Name / #:	004308.0001 Phase 1
Lab Client Project Manager:	Stacy Metz	Project Location:	Tecumseh, MI
Lab Client Address:	1540 Eisenhower Pl	Report E-Mail(s):	rsortor@trcsolutions.com
Lab Client City, State, Zip:	Ann Arbor, MI 48108		smetz@trcsolutions.com
Phone Number:	734-585-7825		
Reporting Requirements		Turnaround Time	
<input type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input checked="" type="checkbox"/> Level IV <input checked="" type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____		<input checked="" type="checkbox"/> 5-7 day Stnd <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	
Sampler Information			
Sampler(s): Rachel Sortor			
Signature: <i>Rachel N. Sortor</i>			
Date: 12/15/14			

Sample Receipt (Lab Use Only)	
Date Rec'd: 12-16-14	Control #: 140994.01
H&P Project # TRC/12/16/14-12	
Lab Work Order # E412066	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 1076084	Temp.: 21 °C
Outside Lab:	
Receipt Notes/Tracking #: FedEx: 7722 3985 4668	
Lab PM Initials:	

Additional Instructions to Laboratory:				Purchase Order #54219																
<input checked="" type="checkbox"/> Check if Project Analyte List is Included: * Preferred VOC units (please choose one): <input type="checkbox"/> µg/L <input type="checkbox"/> µg/m ³ <input checked="" type="checkbox"/> ppbv <input type="checkbox"/> ppmv				Project Analyte List: PCE, TCE, 1,1-DCE, 1,2-cis-DCE, 1,2-trans-DCE, vinyl chloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA and the tracer 1,1-DFA																
SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	VOCs Short List / Project List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Oxygenates <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Naphthalene <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15 <input type="checkbox"/> TO-17m	TPHv as Gas <input type="checkbox"/> 8260SV/m <input type="checkbox"/> TO-15m	TPHv as Diesel (sorber tube) <input type="checkbox"/> TO-17m	Aromatic/Aliphatic Fractions <input type="checkbox"/> 8260SV/m <input type="checkbox"/> TO-15m	Leak Check Compound <input checked="" type="checkbox"/> DFA <input type="checkbox"/> IPA <input type="checkbox"/> He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 <input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2	VOCs Per Additional Instructions <input type="checkbox"/> 8260SV <input checked="" type="checkbox"/> TO-15		
S6-12R	-	12/15/14	1025-1150	SV	1L Summa	187	7:59												X	X
S6-12R-Backup*	-	12/15/14	1203-1218			421	7:16												X	X
Approved/Relinquished by:	<i>Rachel N. Sortor</i>	Company:	TRC	Date:	12/15/14	Time:	1500	Received by:	<i>Fed Ex</i>	Company:	TRC	Date:	12/15/14	Time:	1500					
Approved/Relinquished by:	<i>Fed Ex</i>	Company:	Fed Ex	Date:	12-16-14	Time:	1430	Received by:	<i>J. Williams</i>	Company:	H+P	Date:	12-16-14	Time:	1430					
Approved/Relinquished by:		Company:		Date:		Time:		Received by:		Company:		Date:		Time:						

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

* Hold pending preliminary results for S6-12R

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Attachment 2 Data Quality Assurance

Data Quality Assurance Summary

Leak Testing – November 2014

Analytical results for the tracer 1,1-difluoroethane (1,1-DFA) were compared to the threshold concentration of 0.05-percent by volume. The 1,1-DFA concentration was below this threshold at all sample locations. All data are considered usable.

Laboratory Data – November 2014

Twenty-eight soil gas samples and two field duplicates were collected by TRC between November 3, 2014 and November 5, 2014. Samples were analyzed by H&P Mobile Geochemistry, Inc. (H&P), located in Carlsbad, California, for VOCs by USEPA Method TO-15 following protocols specified in the QAPP. TRC performed data validation on the VOC laboratory data. Overall, the data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data package contained all of the deliverables necessary for validation of the analytical data. The complete laboratory data validation report is attached.

Data from most locations were consistent with historic data. However, although data validation indicates that all data, are usable, TRC staff noted that the concentrations at soil gas sample points SG-12R and SG-19 were anomalous.

- At SG-12R, tetrachloroethene, which had not been detected at that location previously, was reported at 510 ppbv; similar to historic soil gas data, groundwater data do not suggest that tetrachloroethene is a notable constituent of concern in this area. A re-sample event was scheduled to confirm (or not) these data.
- At SG-19, trichloroethene (TCE), cis-1,2-dicholoroethene (cis-DCE), and trans-1,2-dicholoroethene (trans-DCE), which had not been detected at that location previously were reported at 18 ppbv, 5.6 ppbv and 2.1 ppbv. A re-sample event was scheduled to confirm (or not) these data.

Leak Testing – December 2014

Analytical results for the tracer 1,1-DFA were compared to the threshold concentration of 0.05-percent by volume. The 1,1-DFA concentration did not exceed 0.05-percent by volume at soil gas sample location SG-19. The 1,1-DFA concentration was approximately 4 times higher than the threshold concentration during the resample event at SG-12R.

Laboratory Data – December 2014

Two soil gas samples were collected by TRC on December 4, 2014 and December 15, 2014. Samples were analyzed by H&P, located in Carlsbad, California, for VOCs by

USEPA Method TO-15 following protocols specified in the QAPP. TRC performed data validation on the VOC laboratory data. Overall, the data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data package contained all of the deliverables necessary for validation of the analytical data. The complete laboratory data validation report is attached.

Resample data for SG-19 were consistent with historic data (prior to the November 2014 sample event). Therefore November 2014 data from SG-19 are not considered valid and have been replaced with the December 2014 data. Invalidated data will not be included in future data tables or trend analyses.

Consistent with historic data, the reported concentration of tetrachloroethene at SG-12R during the December sample event was <1.0 ppbv compared to a concentration of 510 ppbv in November. The presence of an elevated concentration of the leak test compound in December 2014 indicates that the reported detection limits may be biased low; however the magnitude of the difference between the November and December sampling events indicates that the November 2014 data are not valid. December 2014 data are reported in Table 1 with a qualifying note regarding the elevated tracer compound. Invalidated data will not be included in future data tables or trend analyses.

Laboratory Data Validation

November 2014 Soil Gas Sample Event Former Tecumseh Products Company Site Tecumseh, Michigan

Twenty-eight soil gas samples, including two field duplicates, were collected from November 3 to November 5, 2014 and analyzed by H&P Mobile Geochemistry, Inc., located in Carlsbad, California. The samples were analyzed for volatile organic compounds using USEPA Method TO-15 following procedures specified in the Quality Assurance Project Plan (QAPP) for the Tecumseh Products Company Site in Tecumseh, Michigan. The laboratory results were reported in laboratory reports TRC110714-10 Rev 2 and TRC110714-11. TRC reviewed the laboratory data. The following sections summarize the data review procedure and the results of the data review.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013) and the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (USEPA, 1999). The USEPA National Functional Guidelines for Organic Data Review were written for solid and aqueous samples. Professional judgment was used in applying the guidance to soil gas sample matrix. The data review included a review of the duplicate and blank results from the laboratory, as well as verification that the sample holding times were met. TRC reviewed additional QC information to check for appropriate matrix performance using the analytical methods specified by the laboratory. The procedures TRC used to evaluate data in general included the following items:

- Checked technical holding times for analyses
- Reviewed data for blanks, laboratory duplicates, and laboratory control samples
- Determined field precision from blind field duplicate data
- Assessed the usability of the data

The data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data
- Potential sample contamination due to blank contributions
- Actions regarding specific QC criteria exceedances

TRC reviewed internal standard areas and retention times, method blanks, field duplicate relative percent differences (RPDs), Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries and RPDs, and holding times. In addition, the 24-hour calibration clock was checked for each sample.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met the technical holding time of 30 days for all samples.
- The 24-hour calibration clock was not exceeded for any sample.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits according to the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013).
- Surrogate recoveries met QC limits for all samples.
- Contaminants were not detected in the method blanks.
- The laboratory performed one LCS/LCSD per analytical batch. LCS/LCSD recoveries and RPDs met QC limits with the following exception: the RPD for trans-1,2-dichloroethene in batch EK41208 (26.2%) exceeded QC limits (25%). trans-1,2-Dichloroethene was detected in several of the associated samples (SG-13, SG-16, SG-18 and SG-19). **Detections of trans-1,2-dichloroethene in samples SG-13, SG-16, SG-18 and SG-19 should be flagged as estimated (j) due to LCS/LCSD RPD exceedance.**
- Two field duplicate sample pairs were collected. Dup-01 corresponded with SG-07 and DUP-02 corresponded with SG-08. RPDs met QC limits for detected compounds with the following exception (note that 1,1-difluoroethane detections were not evaluated):
 - Trichloroethene in sample pair SG-08/DUP-02 (118.5%) exceeded QC limits (20%). **Trichloroethene detections in these samples should be flagged as estimated (j).**
- It should be noted that the laboratory flagged the 1,1-difluoroethane detections in the following samples as estimated (E) because the value exceeded the calibration limit: SG-14R, SG-12R, SG-05, SG-06, SG-16, SG-17, SG-18, SG-02, SG-04, and SG-08. The laboratory also flagged 1,1-difluoroethane non-detections in the following samples as detected at concentrations exceeding the linear range of the calibration, but less than the reporting limit (A): SG-07, TVP-02s, SG-10, SG-11, and SG-19.
- It should also be noted that the internal standards data and calibration documentation were mislabeled for sample SG-09 (E7411029-24) as SG-07. This sample ID was corrected by hand on the chain of custody.

Prepared by: Jennifer Meek

Reviewed by: Terry Hertz

Laboratory Data Validation

December 2014 Soil Gas Re-Sample Event Former Tecumseh Products Company Site Tecumseh, Michigan

Two soil gas samples (SG-19 and SG-12R) were collected on December 4 and December 15, 2014, respectively, and analyzed by H&P Mobile Geochemistry, Inc., located in Carlsbad, California. The samples were analyzed for volatile organic compounds using USEPA Method TO-15 following procedures specified in the Quality Assurance Project Plan (QAPP) for the Tecumseh Products Company Site in Tecumseh, Michigan. The laboratory results were reported in laboratory reports TRC120814-10 and TRC121614-12. TRC reviewed the laboratory data. The following sections summarize the data review procedure and the results of the data review.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013) and the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (USEPA, 1999). The USEPA National Functional Guidelines for Organic Data Review were written for solid and aqueous samples. Professional judgment was used in applying the guidance to soil gas sample matrix. The data review included a review of the duplicate and blank results from the laboratory, as well as verification that the sample holding times were met. TRC reviewed additional QC information to check for appropriate matrix performance using the analytical methods specified by the laboratory. The procedures TRC used to evaluate data in general included the following items:

- Checked technical holding times for analyses
- Reviewed data for blanks, laboratory duplicates, and laboratory control samples
- Assessed the usability of the data

The data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data
- Potential sample contamination due to blank contributions
- Actions regarding specific QC criteria exceedances

TRC reviewed internal standard areas and retention times, method blanks, field duplicate relative percent differences (RPDs), Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries and RPDs, and holding times. In addition, the 24-hour calibration clock was checked for each sample.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met the technical holding time of 30 days for all samples.
- The 24-hour calibration clock was not exceeded for any sample.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits according to the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2013).
- Surrogate recoveries met QC limits for all samples.
- Contaminants were not detected in the method blanks.
- The laboratory performed one LCS/LCSD per analytical batch. LCS/LCSD recoveries and RPDs met QC limits with the following exception: the RPD for trans-1,2-dichloroethene in batch EL41106 (25.8%) exceeded QC limits (25%). trans-1,2-Dichloroethene was not detected in the associated samples (SG-19); therefore, data qualification is not necessary.
- It should be noted that the laboratory flagged the 1,1-difluoroethane detections in the samples SG-19 and SG-12R as estimated (E) because the value exceeded the calibration limit.

Prepared by: Jennifer Meek

Reviewed by: Terry Hertz

Appendix C
Summary of the Fourth Quarter 2014
Groundwater Monitoring Event

Technical Memorandum

To: Jason Smith, Tecumseh Products Company

From: Stacy Metz and Graham Crockford, TRC

Subject: Summary of the Fourth Quarter 2014 Groundwater Monitoring Event:
Former Tecumseh Products Company Site in Tecumseh, Michigan
(RCRA-05-2010-0012)

Date: January 12, 2015

cc: Chris DeWetter, Tecumseh Products Company
Douglas McClure, Conlin, McKenney & Philbrick, PC

Project No.: 004304.0001.0000, Phase 2

Tecumseh Products Company (TPC) retained TRC Environmental Corporation (TRC), to investigate soil and groundwater conditions at the former TPC site located in Tecumseh, Michigan. TRC is assisting TPC with investigative activities for the site in accordance with the RCRA Administrative Order on Consent (“AOC”)(RCRA 05-2010-0012).

Extensive investigation activities have been conducted to define the nature and extent of groundwater contamination in the vicinity of the site. Results of previous investigation activities were documented as they became available in a series of technical memoranda and reports. These investigation activities included the installation of 57 groundwater monitoring wells, and 13 temporary monitoring points. This Technical Memorandum documents groundwater sampling activities conducted during the fourth quarter of 2014, and summarizes the findings of those field activities.

Summary of Field Activities

Sampling activities are conducted in accordance with the Quality Assurance Project Plan (QAPP) which was submitted to the United States Environmental Protection Agency (USEPA) for review in August 2010 and the most recent Groundwater and Surface Water Monitoring Program, described in the July 10, 2014, Technical Memorandum titled *First and Second Quarter 2014 Groundwater Monitoring Events* and summarized in Table 1. The fourth quarter 2014 sampling event was an annual sampling event.

Sample locations are shown on Figure 1. All groundwater samples are collected for volatile organic compound (VOC) analyses using low-flow sampling techniques. The following field parameters are

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measured during groundwater sample collection: pH, specific conductivity, redox potential, dissolved oxygen, turbidity and temperature. Groundwater and surface water samples are analyzed by TriMatrix Laboratories, Inc. (TriMatrix) using Level 4 data quality objectives.

Between November 10, 2014 and December 1, 2014, the fourth quarter sample event was conducted in accordance with the groundwater monitoring program which is described above and summarized in Table 1. Monitoring activities conducted during the fourth quarter of 2014, including deviations from the monitoring program, if any, are described below:

- Collection of static groundwater measurements at each of the existing compliance monitoring wells¹ and monitoring wells PRB-01s and PRB-02s. Note PRB-01s and PRB-02s, which are part of the permeable reactive barrier (PRB) monitoring network, are included to help define groundwater elevations and flow direction along the eastern perimeter of the site;
- Collection of static water levels at each of the two gauge point locations on the River Raisin;
- Collection of groundwater samples at all groundwater monitoring well locations, except at monitoring wells MW-08s and MW-10d as summarized in Table 1 (54 total);
- Collection of groundwater samples from 13 temporary monitoring locations as summarized in Table 1;
- Measurement of field parameters at groundwater sample locations;
- Collection of surface water samples from the wetland area downgradient of the site (WL-01) and the seep near the former Blood Road bridge (SEEP); and
- Analysis of all groundwater and surface water samples for VOCs.

Groundwater Elevation Data

The groundwater elevation data collected in November 2014 were used to construct a groundwater contour map and to verify the direction of groundwater flow and hydraulic gradient within the unconsolidated sand underlying the site (Figure 2). Six years of water level data (March 2009 through November 2014) have been collected (Table 2). Groundwater flow patterns are consistent with those observed in the past. Groundwater flow at the former TPC site and surrounding study area 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 former TPC property. Data from *in situ* hydraulic conductivity tests performed on monitoring wells screened in the unconfined sand and gravel aquifer were used to calculate a geometric mean hydraulic conductivity. The geometric mean hydraulic conductivity is 9.5×10^{-3} centimeters per second (cm/s) with an upper 95-percent confidence limit of 2.2×10^{-1} cm/s and a lower 95-percent confidence limit of 4.2×10^{-4} cm/s. Assuming an effective porosity of 0.3, the resultant estimated groundwater flow

¹ Monitoring well MW-16s has been consistently dry since installation, and has been eliminated from the sample program. As such, MW-16s is not considered a compliance monitoring well.

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velocity is 3.2×10^{-5} cm/s (33 feet per year). 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 vertical hydraulic gradient in the upper sand/gravel aquifer was evaluated at fifteen of the eighteen nested well pairs (MW-04s/i, MW-08s/d, MW-10s/d, MW-12s/d, MW-19s/d, MW-20s/d, MW-24s/d, MW-27s/d, MW-28s/d, MW-29s/d, MW-30s/d, MW-35i/d, MW-36s/d, MW-39s/d, and MW-40s/d). The vertical gradient at nested well pair MW-38s/d was not evaluated because water at MW-38s is perched with an unsaturated zone between MW-38s and MW-38d. The vertical gradients were not calculated at well nests MW-32s/d and MW-34s/d because, due to limited building access and demolition activities, monitoring wells MW-32d and MW-34d have not yet been surveyed.

Table 3 summarizes the calculated vertical gradients. Consistent with previous observations, at MW-08s/d, MW-19s/d, MW-24s/d, and MW-28s/d along the western (up gradient) portion of the site, the measured vertical hydraulic gradient was essentially neutral (ranging from -0.007 to 0.003). Similarly on-site nested pairs (MW-04s/i, MW-35i/d, MW-36s/d, and MW-39s/d) also exhibit near neutral vertical gradients (ranging from -0.009 to 0.006). Northeast of the site the hydraulic gradient varied from downward at MW-29s/d (-0.046 to -0.084) and MW-12s/d (-0.013 to -0.029) to near neutral at MW-30s/d (-0.003 to 0.008). At MW-10s/d (-0.11 to -0.23), MW-20s/d (-0.23 to -0.33), and MW-27s/d (-0.63 to -0.68) near the downgradient (east/southeast) perimeter of the site, a downward hydraulic gradient was measured, with the downward hydraulic gradient increasing to the south. This significant vertical downward gradient in the upper sand/gravel aquifer east/southeast of the site, is the result of the presence of a higher hydraulic conductivity sand and gravel deposit that underlies the sand deposit, and a significant change in surface topography. At MW-40s/d, near the river, the vertical gradient returns to near neutral (-0.003 to 0.004). Vertical gradients observed during the fourth quarter 2014 are consistent with previous site observations.

As noted in previous reports, TRC staff have noted a downward trend in groundwater elevation data from the fourth quarter 2012 through the fourth quarter 2013. In order to evaluate this phenomenon further, the average groundwater elevation and the standard deviation of the groundwater elevation data for each of the wells installed before 2012 (41 total) were calculated for the period from fourth quarter 2009 through third quarter 2012 (12 events).

As noted in the January 10, 2014 technical memorandum summarizing the fourth quarter 2013 groundwater data, the following observations were made regarding groundwater elevation data between the fourth quarter 2012 and the fourth quarter 2013:

- At 34 of the wells the groundwater elevations were more than one standard deviation below average for all observed groundwater monitoring elevation events from the fourth quarter of 2012 through the fourth quarter 2013;
- At 30 of those wells the groundwater elevations were more than two standard deviations below average for all observations made during 2013;

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- One additional well (MW-29s) was below average during the fourth quarter 2012 sample event and more than a standard deviation below average in 2013; and
- Five of the remaining six wells (MW-14d, MW-17s, MW-21, MW-22 and MW-31) are located in the area where surface topography results in an increase in horizontal hydraulic gradient and a decrease in saturated thickness. In this area this trend in decreasing groundwater elevations likely manifests as a lower horizontal gradient rather than a smaller saturated thickness.

Although groundwater elevations during the second quarter 2014 remained below average at most locations, overall groundwater elevations were closer to average during this event. In summary:

- 33 of the 34 locations consistently more than one standard deviation below average between the fourth quarter of 2012 through the fourth quarter 2013 remained below average;
- Of those locations, 20 were more than one standard deviation below average;
- No locations were more than two standard deviations below average;
- Groundwater elevations at monitoring wells MW-13s and MW-29s were no longer below average; and
- Wells located where surface topography results in a high horizontal gradient (MW-14d, MW-17s, MW-21, MW-22 and MW-31) were all above average.

On average, groundwater elevations declined again during the fourth quarter 2014. In summary:

- Groundwater elevations were more than one standard deviation below average at 33 sample locations;
- Groundwater elevations were two standard deviations below average at seven of those sample locations (MW-01s, MW-03s, MW-07s, MW-19d, MW-20s, MW-25s, and MW-29d);
- Groundwater elevations were below average at six (MW-13s, MW-14d, MW-22, MW-27d, MW-29s, and MW-31) of the remaining eight sample locations, including three locations where surface topography results in a high horizontal gradient (MW-14d, MW-22, and MW-31); and
- Groundwater elevations were at or above average at only two sample locations (MW-17s and MW-21) both located where surface topography results in a high horizontal gradient.

Summary of Groundwater Chemical Data

Field-collected data (pH, specific conductivity, redox potential, dissolved oxygen, turbidity and temperature) are provided in Table 4. Laboratory analytical data are provided in Attachment 1. Table 5 provides a summary of detected VOCs in groundwater. The constituents of concern at the site are chlorinated VOCs (CVOCs), specifically trichloroethene (TCE), 1,1,1-trichloroethane (TCA) and their breakdown products (cis-1,2-dichloroethene [cis-DCE] and vinyl chloride). CVOc concentrations were compared to Michigan Department of Environmental Quality (MDEQ) Part 201 criteria and groundwater screening levels (GWSLs) for vapor intrusion. The observed groundwater concentrations are generally consistent with those observed during previous sample events.

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Groundwater elevation and VOC concentration data will continue to be collected so that the potential correlation between groundwater elevations and groundwater concentrations may be evaluated further.

Data Quality Assurance

Field Data

Field data were reviewed in accordance with the QAPP. TRC field personnel collected water quality data (pH, specific conductivity, redox potential, dissolved oxygen, turbidity and temperature) consistent with the sampling plan described above. No problems were noted. The data quality objectives for the field data were met, and the data are usable.

Laboratory Data

Seventy-three water samples, including four field duplicates, were collected by TRC between November 11, 2014 and December 1, 2014. Samples were analyzed by TriMatrix, located in Grand Rapids, Michigan for VOCs analysis by USEPA Method 8260B following protocols specified in the QAPP. TRC performed data validation on the VOC laboratory data. Overall, the data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data package contained all of the deliverables necessary for validation of the analytical data. The complete laboratory data validation report is included as Attachment 2.

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Tables

Table 1
 Groundwater and Surface Water Monitoring Program
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Groundwater Sample Location	Water Level				VOCs Analysis			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Groundwater Sample Locations								
MW-01s		√		√		√		√
MW-02s		√		√		√		√
MW-03s		√		√		√		√
MW-04s		√		√		√		√
MW-04i	√	√	√	√	√	√	√	√
MW-05s		√		√				√
MW-06s		√		√				√
MW-07s		√		√				√
MW-08s		√		√				
MW-08d	√	√	√	√	√	√	√	√
MW-09s	Well Decommissioned							
MW-10s		√		√		√		√
MW-10d		√		√				
MW-11s		√		√				√
MW-12s		√		√		√		√
MW-12d		√		√		√		√
MW-13s		√		√		√		√
MW-14s	Well Decommissioned							
MW-14d	√	√	√	√	√	√	√	√
MW-15s		√		√				√
MW-16s								
MW-17s		√		√		√		√
MW-18s		√		√				√
MW-19s		√		√				√
MW-19d		√		√				√
MW-20s	√	√	√	√	√	√	√	√
MW-20d	√	√	√	√	√	√	√	√
MW-21	√	√	√	√	√	√	√	√
MW-22	√	√	√	√	√	√	√	√
MW-23	√	√	√	√	√	√	√	√
MW-24s		√		√		√		√
MW-24d		√		√		√		√
MW-25s	√	√	√	√	√	√	√	√
MW-26s		√		√				√
MW-27s		√		√		√		√
MW-27d		√		√		√		√
MW-28s		√		√				√
MW-28d		√		√				√
MW-29s		√		√		√		√
MW-29d		√		√		√		√

Notes:

1. Water levels are monitored at PRB-01s and PRB-02s to facilitate preparation of a site-wide groundwater contour map. This table does not reflect sample requirements associated with routine PRB performance monitoring.

Table 1
 Groundwater and Surface Water Monitoring Program
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Groundwater Sample Location	Water Level				VOCs Analysis			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Groundwater Sample Locations								
MW-30s		√		√		√		√
MW-30d		√		√		√		√
MW-31	√	√	√	√	√	√	√	√
MW-32s		√		√		√		√
MW-32d	√	√	√	√	√	√	√	√
MW-33s		√		√		√		√
MW-34s		√		√		√		√
MW-34d	√	√	√	√	√	√	√	√
MW-35i	√	√	√	√	√	√	√	√
MW-35d	√	√	√	√	√	√	√	√
MW-36s	√	√	√	√	√	√	√	√
MW-36d	√	√	√	√	√	√	√	√
MW-37s	√	√	√	√	√	√	√	√
MW-38s	√	√	√	√	√	√	√	√
MW-38d	√	√	√	√	√	√	√	√
MW-39s	√	√	√	√	√	√	√	√
MW-39d	√	√	√	√	√	√	√	√
MW-40s	√	√	√	√	√	√	√	√
MW-40d	√	√	√	√	√	√	√	√
NS-18s					√	√	√	√
NS-18i					√	√	√	√
NS-18d					√	√	√	√
NS-19s					√	√	√	√
NS-19i					√	√	√	√
NS-19d					√	√	√	√
NS-20s					√	√	√	√
NS-20i					√	√	√	√
SS-09s					√	√	√	√
SS-09i					√	√	√	√
SS-10s					√	√	√	√
SS-10i					√	√	√	√
SS-10d					√	√	√	√
PRB-01s ⁽¹⁾		√		√				
PRB-02s ⁽¹⁾		√		√				
Surface Water Sample Locations								
E. Chicago Blvd		√		√				
Russell Road		√		√				
WL-01						√		√
Seep						√		√

Notes:

1. Water levels are monitored at PRB-01s and PRB-02s to facilitate preparation of a site-wide groundwater contour map. This table does not reflect sample requirements associated with routine PRB performance monitoring.

Table 3
 Vertical Gradient Calculations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-4s/i	4/2/2013	777.31	777.33	0.003
	11/14/2013	777.41	777.35	-0.009
	5/13/2014	778.08	778.09	0.002
	11/10/2014	777.70	777.74	0.006
MW-8s/d	4/2/2013	778.14	778.04	-0.006
	11/14/2013	778.16	778.09	-0.004
	5/13/2014	778.99	778.88	-0.007
	11/10/2014	778.62	778.51	-0.007
MW-10s/d	12/7/2009	777.08	776.30	-0.13
	3/23/2010	777.10	776.42	-0.11
	5/10/2010	777.45	776.80	-0.11
	9/2/2010	776.80	775.99	-0.13
	12/10/2010	776.50	775.72	-0.13
	2/14/2011	776.19	775.41	-0.13
	4/25/2011	777.56	776.92	-0.11
	7/19/2011	777.31	776.35	-0.16
	10/3/2011	777.11	776.10	-0.17
	1/3/2012	777.89	776.90	-0.17
	4/2/2012	778.05	776.83	-0.20
	7/2/2012	777.25	775.84	-0.23
	4/2/2013	776.08	775.29	-0.13
	11/14/2013	776.04	775.13	-0.15
5/13/2014	777.07	776.07	-0.17	
11/10/2014	776.51	775.45	-0.18	
MW-12s/d	3/23/2010	776.84	776.55	-0.014
	5/10/2010	777.00	776.67	-0.016
	12/10/2010	776.56	776.25	-0.015
	2/14/2011	776.20	775.87	-0.016
	4/25/2011	776.95	776.58	-0.018
	7/19/2011	777.56	777.24	-0.015
	10/3/2011	777.29	776.99	-0.014
	1/3/2012	777.84	777.47	-0.018
	4/2/2012	778.15	777.82	-0.016
	7/2/2012	777.45	777.13	-0.015
	10/2/2012	776.41	776.14	-0.013
	4/2/2013	775.94	775.64	-0.014
	11/14/2013	776.31	775.76	-0.026
	5/13/2014	777.05	776.45	-0.029
11/10/2014	776.55	775.98	-0.027	

Notes:

ft MSL - feet above mean sea level

* Anomalous, datum was not used.

Table 3
 Vertical Gradient Calculations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-19s/d	12/7/2009	779.87	779.87	0.000
	3/23/2010	779.66	779.63	-0.002
	5/10/2010	779.67	779.69	0.001
	9/2/2010	779.67	779.64	-0.002
	12/10/2010	779.01	779.01	0.000
	2/14/2011	778.72	778.70	-0.001
	4/25/2011	779.54	779.54	0.000
	7/19/2011	780.34	780.34	0.000
	10/3/2011	779.84	779.86	0.001
	1/3/2012	780.49	780.50	0.001
	4/2/2012	780.76	780.81	0.003
	7/2/2012	780.20	780.15	-0.003
	10/2/2012	778.90	778.92	0.001
	4/2/2013	778.32	778.31	-0.001
	11/14/2013	778.21	778.22	0.001
5/13/2014	779.06	779.03	-0.002	
11/10/2014	778.70	778.67	-0.002	
MW-20s/d	12/7/2009	778.31	771.31	-0.23
	3/23/2010	778.19	770.67	-0.25
	5/10/2010	778.36	770.49	-0.26
	9/2/2010	778.16	769.19	-0.29
	12/10/2010	777.63	768.38	-0.30
	2/14/2011	777.35	768.12	-0.30
	4/25/2011	778.30	768.74	-0.31
	7/19/2011	778.78	768.72	-0.33
	10/3/2011	778.43	772.01*	-0.21*
	1/3/2012	779.05	769.58	-0.31
	4/2/2012	779.20	769.61	-0.31
	7/2/2012	778.56	769.09	-0.31
	4/2/2013	776.75	768.16	-0.28
	11/14/2013	776.84	767.79	-0.30
	5/13/2014	777.66	768.02	-0.32
7/15/2014	777.56	767.82	-0.32	
11/10/2014	777.27	767.59	-0.32	

Notes:

ft MSL - feet above mean sea level

* Anomalous, datum was not used.

Table 3
 Vertical Gradient Calculations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-24s/d	12/7/2009	778.73	778.73	0.000
	3/23/2010	778.34	778.35	0.000
	5/10/2010	778.46	778.48	0.001
	9/2/2010	778.53	778.58	0.002
	12/10/2010	778.00	777.98	-0.001
	2/14/2011	777.59	777.62	0.001
	4/25/2011	778.40	778.41	0.000
	7/19/2011	779.10	779.08	-0.001
	10/3/2011	778.79	778.78	0.000
	1/3/2012	779.38	779.33	-0.002
	4/2/2012	779.80	779.79	0.000
	7/2/2012	778.99	778.97	-0.001
	4/2/2013	777.30	777.29	0.000
	11/14/2013	777.44	777.42	-0.001
5/13/2014	778.20	778.21	0.000	
11/10/2014	777.71	777.71	0.000	
MW-27s/d	3/23/2010	778.27	757.77	-0.67
	5/10/2010	778.56	757.90	-0.68
	9/2/2010	778.24	757.75	-0.67
	12/10/2010	777.81	757.46	-0.67
	2/14/2011	777.62	757.32	-0.67
	4/25/2011	778.60	758.00	-0.68
	7/19/2011	778.94	758.18	-0.68
	10/3/2011	778.55	757.85	-0.68
	1/3/2012	779.08	758.29	-0.68
	4/2/2012	779.09	758.27	-0.68
	7/2/2012	778.56	757.90	-0.68
	10/2/2012	777.74	757.55	-0.66
	4/2/2013	777.22	757.99	-0.63
	11/14/2013	777.30	757.80	-0.64
5/13/2014	778.10	758.22	-0.65	
11/10/2014	777.60	757.79	-0.65	

Notes:

ft MSL - feet above mean sea level

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Table 3
Vertical Gradient Calculations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-28s/d	3/23/2010	779.15	779.11	-0.002
	5/10/2010	779.23	779.22	0.000
	9/2/2010	779.48	779.42	-0.002
	12/10/2010	778.82	778.82	0.000
	2/14/2011	778.38	778.38	0.000
	4/25/2011	779.21	779.17	-0.002
	7/19/2011	779.98	779.97	0.000
	10/3/2011	779.76	779.76	0.000
	1/3/2012	780.19	780.21	0.001
	4/2/2012	780.59	780.59	0.000
	7/2/2012	779.86	779.84	-0.001
	10/2/2012	778.62	778.62	0.000
	4/2/2013	777.97	777.95	-0.001
11/14/2013	778.08	778.11	0.001	
5/13/2014	778.93	778.89	-0.002	
11/10/2014	778.44	778.43	0.000	
MW-29s/d	3/23/2010	772.36	769.42	-0.065
	5/10/2010	772.66	769.56	-0.068
	9/2/2010	772.61	769.61	-0.066
	12/10/2010	771.98	769.88	-0.046
	2/14/2011	771.94	769.21	-0.060
	4/25/2011	772.76	769.26	-0.077
	7/19/2011	772.66	769.88	-0.061
	10/3/2011	772.68	769.93	-0.060
	4/2/2012	773.24	770.41	-0.062
	7/2/2012	772.76	769.73	-0.067
	10/2/2012	772.25	769.02	-0.071
	4/2/2013	771.79	768.87	-0.064
	11/14/2013	771.96	768.14	-0.084
5/13/2014	772.66	769.26	-0.075	
11/10/2014	772.22	769.04	-0.070	
MW-30s/d	3/23/2010	777.80	777.81	0.001
	5/10/2010	777.94	777.98	0.003
	9/2/2010	777.79	777.86	0.005
	12/10/2010	777.33	777.39	0.004
	2/14/2011	776.95	777.03	0.006
	4/25/2011	778.11	778.41	0.021*
	7/19/2011	778.29	778.37	0.006
	10/3/2011	778.03	778.12	0.006
	1/3/2012	778.61	778.64	0.002
	4/2/2012	778.81	778.91	0.007
	7/2/2012	778.14	778.25	0.008
	10/2/2012	777.17	777.23	0.004
	4/2/2013	776.78	776.73	-0.003
11/14/2013	776.83	776.86	0.002	
5/13/2014	777.63	777.66	0.002	
11/10/2014	777.11	777.14	0.002	

Notes:

ft MSL - feet above mean sea level

* Anomalous, datum was not used.

Table 3
 Vertical Gradient Calculations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Well Pair Location	Measurement Date	Shallow Groundwater Elevation (ft MSL)	Deep Groundwater Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-35i/d	8/28/2013	777.70	777.74	0.002
	11/14/2013	777.39	777.35	-0.002
	3/27/2014	777.94	777.99	0.002
	5/13/2014	778.33	778.15	-0.008
	7/15/2014	778.10	778.16	0.003
	11/10/2014	777.83	777.82	0.000
MW-36s/d	4/2/2013	777.42	777.44	0.001
	8/28/2013	777.75	777.80	0.003
	11/14/2013	777.43	777.48	0.003
	3/27/2014	777.93	777.81	-0.008
	5/13/2014	778.20	778.18	-0.001
	7/15/2014	778.18	778.22	0.003
	11/10/2014	777.86	777.91	0.003
MW-39s/d	4/2/2013	777.46	777.47	0.001
	8/28/2013	777.84	777.83	-0.001
	11/14/2013	777.50	777.47	-0.002
	3/27/2014	777.99	778.08	0.005
	5/13/2014	778.25	778.20	-0.003
	7/15/2014	778.22	778.28	0.003
	11/10/2014	777.89	777.92	0.002
MW-40s/d	4/2/2013	754.37	754.38	0.001
	8/28/2013	754.43	754.43	0.000
	11/14/2013	754.16	754.14	-0.001
	3/27/2014	753.44	754.41	0.055*
	5/13/2014	754.46	754.41	-0.003
	7/15/2014	754.25	754.28	0.002
	11/10/2014	754.11	754.18	0.004

Notes:

ft MSL - feet above mean sea level

* Anomalous, datum was not used.

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-01s	12/9/2009	7.29	499	161	5.68	18.3	12.64
	3/17/2010	6.40	521	84	2.4	30.1	13.34
	5/18/2010	7.45	631	110	2.1	10	11.9
	9/10/2010	NM	678	29	3.4	38	15.96
	12/28/2010	6.85	603	140	4.54	29.4	13.08
	2/25/2011	7.67	603	-5	6.80	29.6	11.22
	5/11/2011	6.48	611	121	1.80	20.0	12.59
	7/28/2011	7.61	720	-74	0.20	21.8	15.40
	10/6/2011	7.16	692	33.1	41.3*	0.50	15.60
	1/9/2012	7.04	628	67	3.11	0.00	13.43
	4/4/2012	7.39	573	30	3.26	9.5	12.93
	7/11/2012	7.41	620	35	3.23	9.0	15.00
	10/8/2012	7.73	586	6	2.77	10.2	15.68
	6/11/2013	7.33	546	27	1.87	8.2	13.44
11/12/2013	7.11	695	24	4.29	25.9	13.78	
5/21/2014	7.46	750	46	4.36	30.1	11.67	
11/26/2014	7.21	775	67	7.26	31.9	12.49	
MW-02s	12/9/2009	6.67	1,238	192	3.92	79.1	14.78
	3/17/2010	7.31	859	55	0.80	18.7	14.81
	5/18/2010	7.41	1,379	156	1.2	84	13.9
	9/10/2010	NM	1,413	35	1.6	49	16.16
	12/22/2010	6.97	1,500	28	2.82	33.0	14.90
	2/24/2011	7.06	1,450	-25	2.41	32.7	14.50
	5/10/2011	7.61	1,094	17	2.00	22.9	15.22
	7/28/2011	7.66	1,380	54	1.50	19.1	16.55
	10/7/2011	7.30	1,602	116.9	46.2*	6.08	15.48
	1/10/2012	7.11	2,120	119	2.98	1.30	14.43
	4/5/2012	7.23	1,290	23	1.92	9.2	13.91
	7/11/2012	7.41	1,028	45	1.62	15.0	16.04
	10/25/2012	7.42	1,016	109	2.48	69.8	15.90
	6/11/2013	7.04	1,051	185	1.18	9.3	14.48
11/12/2013	6.88	1,160	140	2.09	26.9	13.58	
5/19/2014	7.51	1,146	21	1.07	25.0	13.61	
11/29/2014	7.25	1,560	37	2.55	32.0	13.05	

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-03s	12/8/2009	6.85	1,342	63	1.21	30.9	13.67
	3/17/2010	7.11	1,105	70	1.57	25.5	10.47
	5/18/2010	7.25	1,239	160	0.8	10	13.4
	9/10/2010	NM	1,320	11	0.5	39	18.70
	12/22/2010	6.96	1,298	24	0.44	31.9	13.42
	2/25/2011	6.82	1,466	38	0.80	25.2	8.84
	5/10/2011	7.15	1,199	39	1.55	21.5	11.00
	7/28/2011	7.14	1,347	50	0.93	19.5	17.83
	10/6/2011	6.80	1,294	63.0	28.8*	2.85	17.71
	1/10/2012	6.79	1,436	130	1.37	0.00	12.15
	4/4/2012	6.99	1,453	37	1.11	9.3	10.84
	7/11/2012	6.96	1,640	43	0.74	11.2	17.31
	10/8/2012	7.32	1,510	23	0.47	12.0	18.31
	6/3/2013	7.09	1,054	31	0.88	13.0	12.17
	11/11/2013	6.90	1,428	75	0.67	26.9	15.88
5/19/2014	6.99	972	133	2.24	24.0	10.21	
11/29/2014	6.82	1,234	49	0.89	29.9	13.59	
MW-04s	12/9/2009	6.87	970	68	7.17	4.70	15.47
	3/17/2010	6.57	763	78	0.22	16.7	15.69
	5/18/2010	7.20	928	168	0.4	5.0	13.6
	9/17/2010	7.03	817	49	0.4	33.3	18.14
	12/22/2010	6.99	838	-10	0.32	29.9	16.41
	2/25/2011	7.06	795	-9	0.60	24.5	14.15
	5/11/2011	6.84	815	50	0.93	20.2	13.75
	7/28/2011	7.26	777	-10	0.67	18.3	17.98
	10/6/2011	6.94	721	-20.0	13.8*	1.00	18.60
	1/10/2012	6.87	770	20	0.53	0.00	16.03
	4/4/2012	7.09	865	13	0.92	6.9	14.49
	7/11/2012	7.15	1,036	-2	0.28	9.7	17.73
	10/8/2012	7.39	926	-24	0.25	11.7	18.64
	6/3/2013	7.26	724	31	0.61	7.7	14.65
	11/11/2013	7.09	943	-8	0.58	26.1	16.63
5/19/2014	6.57	655	180	1.80	23.0	12.69	
11/29/2014	6.90	826	16	0.53	28.0	15.31	

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-04i	4/3/2013	7.08	865	-19	0.32	5.4	14.87
	6/3/2013	7.28	923	-68	0.29	11.9	16.06
	8/29/2013	7.22	1,013	-76	0.25	21.0	17.53
	11/11/2013	7.17	1,141	-89	0.26	27.6	15.77
	3/27/2014	7.23	1,070	-40	0.12	22.0	14.00
	5/19/2014	7.23	868	-54	0.21	27.9	15.07
	7/18/2014	6.69	944	31	0.30	28.0	14.82
	11/29/2014	7.04	1,130	-66	0.19	30.0	14.80
MW-05s	12/10/2009	7.41	765	131	7.19	NM	10.18
	3/17/2010	7.51	678	20	3.24	39.0	12.80
	5/17/2010	7.70	920	134	1.8	10	11.8
	9/9/2010	NM	886	46	3.5	56	13.80
	12/21/2010	7.28	852	25	4.52	33.6	11.77
	2/24/2011	6.94	857	65	4.32	28.0	11.78
	5/13/2011	7.53	810	45	7.92	29.3	13.12
	7/27/2011	7.47	880	136	4.80	25.8	13.00
	10/10/2011	7.13	999	74.4	7.19	3.35	13.06
	1/9/2012	6.64	999	192	5.62	6.84	11.74
	4/9/2012	7.43	972	47	5.94	11.0	12.73
	7/10/2012	7.48	993	71	3.91	13.5	13.31
	10/25/2012	7.31	979	275	5.99	69.5	12.78
	11/8/2013	7.06	772	139	6.12	28.1	11.85
11/25/2014	7.30	1,052	106	4.94	38.0	11.66	

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-06s	12/9/2009	7.18	635	171	2.32	22.0	11.72
	3/18/2010	7.40	856	0	0.85	28.5	12.94
	5/17/2010	7.77	768	86	0.7	39	12.6
	9/10/2010	NM	1,254	116	0.9	47	12.70
	12/21/2010	7.13	979	-8	1.19	32.0	12.38
	2/18/2011	6.74	977	35	0.83	27.3	12.51
	5/10/2011	7.47	870	31	1.60	25.0	12.47
	7/27/2011	7.17	1,175	150	1.68	22.0	13.64
	10/5/2011	6.53	1,183	93.8	31.9*	0.50	13.60
	1/9/2012	7.01	988	193	1.53	5.66	11.95
	4/3/2012	7.36	1,220	30	1.95	9.0	12.69
	7/10/2012	7.26	1,560	73	2.10	14.0	13.45
	10/4/2012	6.69	805	-19.8	1.85	4.3	13.87
	11/7/2013	7.26	1,038	66	1.40	26.1	12.90
11/24/2014	7.41	503	124	3.75	33.0	12.21	
MW-07s	12/10/2009	7.27	822	95	3.41	NM	10.43
	3/17/2010	7.20	770	-2	1.69	22.9	11.91
	5/17/2010	7.73	930	151	1.5	10	11.80
	9/10/2010	NM	833	109	3.2	39	13.00
	12/21/2010	7.13	846	15	2.80	35.0	12.45
	2/24/2011	6.90	871	92	2.68	25.9	11.95
	5/13/2011	7.41	703	38	6.20	24.8	13.30
	7/27/2011	7.44	806	138	4.15	26.3	13.73
	10/10/2011	7.16	708	79.5	5.67	4.40	14.77
	1/9/2012	7.10	858	182	4.03	1.35	12.22
	4/9/2012	7.33	912	19	3.58	9.5	13.12
	7/10/2012	7.30	1,090	65	2.25	12.0	13.69
	10/19/2012	7.58	969	-10	2.50	106	13.60
	11/8/2013	6.80	711	143	3.52	27	12.37
11/25/2014	7.24	844	97	3.27	36.8	11.94	
MW-08s	12/10/2009	7.49	828	119	8.60	NM	10.91

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-08d	4/2/2013	6.95	771	-5	0.31	1.9	11.40
	6/11/2013	7.20	1,230	-45	0.12	16.0	14.77
	8/28/2013	7.19	1,040	-56	0.22	18.9	14.57
	11/13/2013	7.06	1,019	-73	0.45	29.9	10.93
	3/26/2014	8.56	1,188	-126	0.25	31.3	10.89
	5/21/2014	7.22	1,214	-58	0.22	31.5	14.37
	7/16/2014	7.15	825	-31	0.21	30.8	12.89
	11/13/2014	7.20	901	-53	0.43	38.7	11.31
MW-09s	12/9/2009	7.14	661	172	6.32	15.7	11.63
	3/18/2010	7.34	436	121	4.75	44.5	7.32
	5/18/2010	7.56	506	206	3.0	19	10.40
	9/17/2010	7.29	709	58	2.5	46.7	16.92
	2/25/2011	7.45	663	11	6.39	30.0	6.58
	5/11/2011	7.57	395	87	12.13*	24.6	9.48
MW-10s	12/9/2009	7.01	825	-1	6.16	144	9.99
	3/16/2010	7.28	816	-24	0.17	38.0	7.79
	5/12/2010	5.99	570	223	0.4	28	8.10
	9/3/2010	NM	925	-29	0.3	56	16.10
	12/16/2010	6.95	1,293	-53	0.18	49.5	10.40
	2/15/2011	6.85	1,251	-4	0.68	39.5	7.70
	5/9/2011	7.30	509	-20	0.22	38.6	7.71
	7/20/2011	7.24	878	-22	0.11	21.0	14.35
	10/4/2011	7.00	810	24.5	4.3*	2.00	14.88
	1/4/2012	6.77	754	109	0.21	24.9	9.65
	4/2/2012	7.20	785	-26	0.26	10.5	8.35
	7/5/2012	7.20	1,163	-21	0.16	16.0	13.14
	10/3/2012	6.73	806	-28.6	0.47	10.19	14.44
	6/12/2013	7.38	402	-10	0.15	11.8	10.30
11/14/2013	6.88	921	-17	0.31	34.5	13.05	
5/22/2014	7.46	573	60	0.48	48.9	8.50	
11/21/2014	7.12	401	6.8	0.31	2.79	11.79	
MW-10d	12/9/2009	6.98	1,150	6	1.69	0.88	10.05

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-11s	12/9/2009	7.14	969	140	8.59	27.2	10.18
	3/15/2010	7.31	632	83	7.05	199	11.43
	5/14/2010	6.89	728	195	2.7	85	12.1
	9/3/2010	NM	828	109	5.4	98	14.50
	12/17/2010	6.71	1,093	108	3.51	51.9	11.00
	2/17/2011	7.04	863	104	5.18	49.5	11.86
	5/12/2011	7.28	691	57	9.48	45.5	12.63
	7/22/2011	7.06	878	96	6.62	29.0	13.52
	10/7/2011	7.11	1,021	109.6	51.6*	6.40	12.68
	1/4/2012	6.96	930	122	5.81	28.5	11.34
	4/5/2012	7.24	1,220	64	7.35	24.3	11.95
	7/6/2012	7.11	1,022	65	6.98	19.0	13.60
	10/12/2012	6.74	701	205	0.18	43.7	11.96
11/4/2013	7.20	782	86	10.28	33.0	12.17	
11/24/2014	7.13	958	133	6.40	38.5	11.46	
MW-12s	12/10/2009	6.34	906	165	8.03	9.80	10.51
	3/15/2010	7.40	965	80	6.61	39.4	10.12
	5/14/2010	7.11	2,000	200	2.7	10	10.6
	9/3/2010	NM	1,650	108	5.4	46	16.30
	12/14/2010	6.97	1,371	34	6.61	35.3	11.70
	2/14/2011	NM	1,228	41	7.72	27.5	10.87
	5/12/2011	7.23	2,100	37	9.25	27.3	11.73
	7/20/2011	6.89	1,580	149	6.69	24.5	13.80
	10/7/2011	7.21	1,016	84.0	59.0*	5.35	15.60
	1/4/2012	6.94	1,201	123	4.35	21.6	12.01
	4/6/2012	6.97	1,142	40	6.06	9.3	10.43
	7/9/2012	7.26	1,103	48	6.20	13.0	13.85
	10/12/2012	8.33	867	14	6.06	185	15.55
	5/30/2013	7.27	1,490	82	5.84	14	12.32
	11/7/2013	6.84	1,145	88	8.11	33	13.90
5/14/2014	7.15	2,290	49	6.31	24	10.30	
11/19/2014	7.21	882	74.5	7.61	0.22	12.90	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-12d	3/18/2010	7.14	1,780	-94	0.23	59.2	12.07
	5/14/2010	7.19	1,880	-46	0.2	15	12.2
	9/3/2010	NM	2,200	-93	0.3	110	15.60
	12/14/2010	6.96	2,250	-91	0.30	32.8	7.60
	2/14/2011	6.84	2,370	-79	0.24	25.3	11.10
	5/12/2011	7.14	2,450	-96	0.95	25.5	14.78
	7/20/2011	6.97	2,450	-62	0.13	21.0	14.36
	10/7/2011	7.12	1,568	31.0	17.5*	6.50	14.89
	1/4/2012	6.94	2,040	-50	0.11	22.0	10.96
	4/6/2012	7.00	1,800	-75	0.70	9.7	11.77
	7/9/2012	7.19	1,620	-86	0.20	12.5	14.59
	10/12/2012	8.43	1,208	-141	0.26	199	12.91
	5/31/2013	7.22	1,650	-73	0.21	15	13.88
	11/7/2013	7.15	1,640	-61	0.28	28	11.86
5/15/2014	7.06	1,670	-34	0.45	29	12.04	
11/19/2014	7.18	1,124	-63.1	0.25	19.1	11.56	
MW-13s	12/10/2009	6.51	1,264	122	3.26	9.70	11.24
	3/15/2010	7.05	1,760	75	2.38	44.0	10.87
	5/14/2010	7.00	2,810	87	1.5	10	11.4
	9/3/2010	NM	2,170	71	2.6	44	15.70
	12/14/2010	6.85	2,050	18	4.70	45.2	11.30
	2/14/2011	6.80	1,870	8	9.32	261	8.86
	5/12/2011	7.23	2,010	20	8.30	37	12.68
	7/20/2011	6.91	2,610	77	4.79	22.6	15.59
	10/10/2011	6.78	1,976	114.9	3.49	4.79	14.74
	1/4/2012	6.74	2,160	50	3.04	23.4	12.10
	4/9/2012	6.93	2,240	164	6.52	9.0	10.30
	7/10/2012	6.69	1,980	117	3.00	19.0	13.85
	10/12/2012	8.32	1,323	-11	2.53	123	15.06
	5/31/2013	7.01	2,570	85	3.40	11	13.12
	11/7/2013	6.84	3,000	94	2.75	30	13.75
5/15/2014	6.96	2,840	46	4.35	38	10.57	
11/25/2014	6.96	2,550	91	3.18	42.0	11.40	

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-14s	12/8/2009	7.04	1,251	52	1.26	9.4	11.69
	3/15/2010	7.39	610	-7	4.83	29.9	6.63
	5/12/2010	6.96	733	197	3.0	4.5	9.9
	9/3/2010	NM	1,338	57	0.5	35	19.50
	12/20/2010	6.56	2,020	54	0.70	30.2	9.25
	2/16/2011	7.02	1,373	146	4.15	25.9	6.62
	5/11/2011	7.39	844	45	6.49	24.0	11.80
	7/21/2011	7.11	912	48	0.80	18.0	19.55
	10/7/2011	6.94	1,215	124.8	14.7*	0.23	16.85
	1/4/2012	7.08	837	49	2.67	22.3	8.08
4/5/2012	7.25	667	14	3.46	9.5	9.13	
7/3/2012	6.99	897	22	0.99	14.4	17.98	
MW-14d	3/23/2010	7.29	1,151	30	1.18	73.6	11.70
	5/14/2010	7.44	1,324	95	0.9	65	12.9
	9/3/2010	NM	1,371	81	1.2	58	14.30
	12/16/2010	6.91	1,397	45	0.88	57.9	10.90
	2/16/2011	7.01	1,403	114	0.94	32.3	11.06
	5/9/2011	7.15	1,278	46	2.56	39.9	12.32
	7/21/2011	7.24	1,264	75	1.55	37.5	14.84
	10/4/2011	7.18	974	145.7	12.0*	10.5	11.28
	1/4/2012	7.03	1,223	64	1.63	28.4	9.80
	4/2/2012	7.15	1,241	29	1.40	17.8	12.03
	7/3/2012	7.13	1,378	41	1.76	46.0	15.48
	10/4/2012	6.47	951	-4.1	2.11	4.99	11.86
	6/12/2013	7.23	982	77	1.87	17.2	13.02
	11/14/2013	6.75	969	152	2.08	37.8	11.11
5/22/2014	6.78	1,137	144	3.03	68.5	11.92	
7/16/2014	7.21	1,023	64	2.33	34.0	12.10	
11/20/2014	7.20	678	49.2	2.71	6.17	10.71	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-15s	12/10/2009	7.07	456	150	9.35	33.7	9.76
	3/15/2010	6.85	448	93	7.07	57.9	11.03
	5/14/2010	7.50	621	131	2.40	52.0	12.80
	9/8/2010	NM	895	129	5.50	59.0	12.54
	12/17/2010	7.14	743	82	4.18	44.0	10.69
	2/17/2011	7.01	662	98	4.71	39.0	11.26
	5/12/2011	7.20	720	48	5.83	25.0	11.95
	7/25/2011	7.04	1,043	123	4.92	20.0	13.24
	10/7/2011	6.95	622	129.4	48.7*	6.0	11.61
	1/5/2012	6.98	595	189	4.88	6.0	11.02
	4/5/2012	7.20	741	54	4.03	12.9	11.71
	7/9/2012	7.10	908	72	6.23	13.5	12.46
	10/2/2012	6.96	405	0	8.39	7.4	12.18
11/5/2013	7.10	666	88	6.10	28.2	11.77	
11/25/2014	7.03	757	80	5.17	39.0	10.88	
MW-17s	12/7/2009	7.32	810	124	8.06	8.5	8.82
	3/18/2010	7.47	847	28	3.27	29.2	5.19
	5/12/2010	7.35	870	218	3.10	10.0	9.10
	9/8/2010	NM	1,136	115	4.60	58.0	15.34
	12/16/2010	7.25	903	28	5.88	59.2	7.74
	2/15/2011	7.35	1,028	15	10.07	43.3	5.10
	5/11/2011	7.39	890	47	6.31	29.6	9.72
	7/21/2011	7.02	1,119	146	6.80	19.4	14.80
	10/4/2011	6.93	816	117.0	50.5*	NM	14.05
	1/5/2012	6.93	924	190	3.95	4.5	6.70
	4/2/2012	6.27	919	84	4.31	11.5	8.41
	7/3/2012	6.89	1,235	142	4.86	19.0	14.89
	10/3/2012	6.76	732	-4.6	5.84	10.0	13.97
	5/29/2013	7.07	897	81	3.92	15.0	11.65
	3/28/2014	7.34	818	146	3.68	29.5	4.70
5/22/2014	7.25	1,012	67	3.97	39.0	10.24	
11/11/2014	7.02	810	126	5.25	31.7	11.48	

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-18s	12/8/2009	7.31	1,043	56	4.52	79.2	11.59
	3/16/2010	6.08	732	107	1.14	97.7	11.82
	5/12/2010	7.82	1,990	208	2.3	10	11.3
	9/8/2010	NM	1,308	91	3.1	50	13.95
	12/20/2010	6.77	1,259	44	4.28	41.5	11.77
	2/17/2011	7.03	1,236	136	3.14	32.0	11.77
	5/9/2011	7.25	2,620	53	5.63	33.5	12.68
	7/22/2011	7.29	1,820	47	4.92	28.1	13.60
	10/5/2011	NM	1,164	110.8	33.2*	6.00	13.23
	1/5/2012	7.04	1,590	203	4.21	7.58	11.78
	4/3/2012	7.29	1,840	38	5.65	32.0	11.56
	7/6/2012	7.33	1,428	35	5.09	15.0	13.93
	10/4/2012	6.71	823	-5.9	3.92	7.6	13.03
11/4/2013	7.28	1,298	64	6.71	32.5	12.88	
11/21/2014	7.32	752	79.4	5.66	8.02	12.07	
MW-19s	12/8/2009	6.82	1,065	53	2.73	15.6	12.37
	3/16/2010	7.15	895	6	1.95	20.2	12.66
	5/18/2010	6.63	971	150	0.6	10	11.6
	9/10/2010	NM	1,470	114	2.7	43	13.34
	12/20/2010	7.04	1,131	7	1.93	31.9	12.49
	2/18/2011	7.17	1,229	36	2.65	25.5	12.25
	5/10/2011	7.19	1,043	12	1.25	22.5	12.67
	7/25/2011	7.17	1,310	30	1.17	19.5	16.90
	10/5/2011	NM	990	-170.4	18.0*	0.50	14.10
	1/5/2012	6.89	1,302	194	2.53	1.50	11.89
	4/3/2012	7.12	1,173	25	1.22	9.3	12.75
	7/10/2012	7.05	1,446	76	2.44	12.0	13.61
	10/4/2012	6.65	701	-36.9	1.13	7.2	14.35
	11/7/2013	7.14	809	50	0.73	26.2	12.70
11/24/2014	6.87	1,232	149	2.47	29.0	12.32	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-19d	12/8/2009	6.86	1,067	-84	0.71	66.6	10.99
	3/16/2010	7.00	913	-76	0.31	96.2	11.89
	5/12/2010	7.91	1,185	-30	0.4	23	11.7
	9/8/2010	NM	1,219	-103	0.2	80	15.75
	12/20/2010	7.18	1,162	-117	0.24	38.0	9.95
	2/18/2011	6.30	1,257	17	0.49	35.3	11.57
	5/10/2011	7.14	1,256	-120	0.26	64.2	12.78
	7/25/2011	7.20	1,293	-116	0.12	22.0	16.20
	10/5/2011	NM	985	-220	2.8*	0.50	15.10
	1/5/2012	7.09	1,041	-72	0.26	7.49	10.78
	4/3/2012	7.22	1,143	-119	0.23	25.9	12.15
	7/10/2012	NM	1,172	85	0.20	29.5	14.02
	10/4/2012	6.68	901	-61.5	1.94	4.9	13.75
	11/7/2013	7.41	866	-110	0.29	30.9	11.90
5/20/2014	7.26	898	-86	0.29	42.0	14.31	
11/25/2014	7.10	1,056	-90	0.22	39.0	10.45	
MW-20s	12/10/2009	7.48	418	15	2.93	8.30	9.75
	3/17/2010	7.15	411	125	2.08	43.0	6.34
	5/18/2010	6.94	488	177	1.4	47	10.7
	9/10/2010	NM	512	109	1.0	42	18.03
	12/21/2010	7.04	553	94	1.11	35.7	9.63
	2/18/2011	7.58	599	34	1.60	29.7	7.17
	5/13/2011	7.47	550	29	5.98	26.9	10.20
	7/25/2011	7.45	487	38	2.48	19.9	17.50
	10/10/2011	7.14	478	57.2	1.65	4.86	17.25
	1/9/2012	7.22	528	204	3.06	3.25	9.15
	4/9/2012	6.90	520	56	4.97	9.7	10.07
	7/10/2012	7.38	529	27	1.52	12.8	17.58
	10/19/2012	7.71	439	1	1.54	11.2	16.48
	5/31/2013	7.47	550	58	4.30	15.0	13.10
	11/8/2013	7.49	477	35	2.60	26.3	15.17
	5/15/2014	7.33	613	50	5.05	26.9	9.88
7/16/2014	7.14	527	94	2.10	31.0	15.60	
11/26/2014	7.07	581	148	3.15	37.0	12.88	

Notes:

S.U. = standard pH units

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-20d	12/10/2009	6.87	1,006	-41	0.82	0.77	11.18
	3/17/2010	6.98	928	-89	0.82	22.2	10.85
	5/18/2010	6.92	1,183	27	0.3	10	10.4
	9/10/2010	NM	1,184	-30	0.3	49	15.89
	12/21/2010	6.98	1,205	-110	0.19	34.7	11.08
	2/18/2011	7.38	1,216	-135	0.52	33.5	11.61
	5/13/2011	7.28	1,165	-118	0.26	37.0	12.70
	7/25/2011	7.24	1,155	-135	0.24	19.0	16.69
	10/10/2011	7.01	1,057	-73.0	1.30	0.50	14.87
	1/9/2012	6.98	1,106	-167	0.23	0.00	11.55
	4/9/2012	7.21	1,127	-139	0.31	20.0	12.11
	7/10/2012	7.39	1,237	-236	0.19	9.3	15.25
	10/19/2012	7.66	982	-201	0.24	9.0	13.99
	6/3/2013	7.17	1,056	-151	0.30	11.1	11.83
	11/8/2013	7.40	944	-128	0.35	26.1	12.78
5/15/2014	7.27	976	-179	0.20	25.0	12.14	
7/16/2014	7.27	986	-110	0.16	28.5	14.24	
11/26/2014	7.12	1,065	-127	0.37	30.0	12.36	
MW-21	12/8/2009	7.12	1,049	36	4.43	15.7	11.30
	3/23/2010	7.29	1,002	41	3.48	24.9	12.81
	5/18/2010	7.15	1,134	220	1.8	8.0	12.2
	10/15/2010	6.91	1,160	180	4.2	29.3	13.03
	12/22/2010	7.11	1,084	21	5.00	34.3	11.87
	2/24/2011	6.99	1,243	-10	5.02	28.5	12.03
	5/11/2011	7.23	965	92	6.71	23.2	13.08
	7/28/2011	7.32	1,141	60	3.21	18.0	13.42
	10/6/2011	6.95	971	65.3	65.0*	0.39	13.18
	1/10/2012	6.90	1,105	103	3.94	3.00	12.31
	4/4/2012	7.04	1,031	52	3.51	8.7	13.03
	7/11/2012	7.20	1,233	66	3.80	12.8	14.20
	10/8/2012	7.59	1,206	60	4.13	13.5	12.91
	3/7/2013	7.13	950	-74	1.77	1.82	12.32
	6/11/2013	7.06	943	79	0.28	9.5	13.47
	8/29/2013	7.12	1,001	41	0.88	17.6	13.49
	11/12/2013	6.98	1,183	83	2.52	26.1	12.13
	3/27/2014	7.19	1,131	130	1.33	19.5	12.08
5/19/2014	7.15	1,135	54	2.63	23.6	14.29	
7/18/2014	7.00	1,007	123	2.74	26.0	12.51	
11/29/2014	7.05	1,160	55	3.35	28.0	11.90	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-22	12/7/2009	5.73	1,220	190	1.75	4.9	9.62
	3/18/2010	7.37	1,010	-121	0.21	17.6	10.64
	5/18/2010	7.07	1,183	-7	0.3	9.2	9.20
	9/10/2010	NM	1,357	-114	0.2	41.0	11.12
	12/22/2010	7.00	1,304	-127	0.19	32.8	10.45
	2/24/2011	6.97	1,299	-139	0.38	33.2	10.03
	5/11/2011	7.24	1,066	-131	0.27	24.0	9.80
	7/21/2011	7.13	1,147	-107	0.16	22.7	11.25
	10/4/2011	6.72	981	-36.3	3.0*	4.0	10.90
	1/9/2012	6.95	1,163	-79	0.39	1.4	10.06
	4/5/2012	6.63	1,156	-60	0.30	9.3	9.50
	7/3/2012	7.09	1,365	-125	0.29	20.5	11.70
	10/3/2012	6.46	822	-76.6	0.76	2.6	10.90
	5/29/2013	7.23	1,164	-110	0.36	11.7	11.42
	3/28/2014	7.31	1,024	-93	0.23	29.0	8.97
5/22/2014	7.14	1,275	-76	0.22	39.0	9.95	
7/17/2014	7.29	1,063	-91	0.32	49.3	10.50	
11/11/2014	7.10	915	-100	0.97	28.7	11.26	
MW-23	12/8/2009	6.63	1,520	-29	0.68	49.0	12.91
	3/16/2010	6.84	1,280	-76	0.25	86.5	10.97
	5/18/2010	7.02	1,600	18	0.2	10.0	10.60
	9/10/2010	NM	1,550	-87	0.2	44.0	16.15
	12/21/2010	6.99	1,540	-110	0.65	33.0	12.64
	2/18/2011	6.95	1,540	-127	0.30	37.4	12.23
	5/10/2011	7.17	1,424	-102	0.16	39.7	11.78
	7/25/2011	7.17	1,424	-98	0.10	23.0	13.85
	10/5/2011	7.00	1,050	-48.3	12.8*	4.0	15.92
	11/4/2011	5.64	1,709	NM	NM	4.9	14.70
	1/9/2012	6.89	1,390	-77	0.24	3.0	13.12
	4/3/2012	7.10	1,413	-104	0.23	16.6	12.30
	7/10/2012	7.05	1,660	-92	0.15	13.8	14.66
	10/8/2012	6.27	1,630	49	0.16	29.2	15.53
	5/31/2013	7.16	1,305	-80	0.16	12.6	13.05
	11/8/2013	7.20	1,174	-98	0.28	25.5	14.65
	5/15/2014	7.12	1,239	-30	0.61	25.0	10.61
	7/17/2014	7.16	1,268	-71	0.20	31.8	13.03
11/25/2014	7.03	1,441	-80	0.27	37.0	13.10	

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 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-24s	12/8/2009	7.24	1,710	5	3.86	NM	13.10
	3/15/2010	7.49	1,142	-10	2.29	27.7	12.26
	5/12/2010	7.95	1,262	91	1.7	10.0	11.3
	9/8/2010	NM	1,495	54	3.2	43.0	16.10
	12/14/2010	6.76	1,308	152	2.04	32.5	10.85
	2/14/2011	NM	1,203	157	2.48	26.7	12.30
	5/9/2011	6.84	1,096	131	4.38	21.9	11.71
	7/19/2011	7.09	1,820	123	3.82	19.2	14.69
	10/4/2011	6.82	1,137	125.3	20.0*	1.0	14.66
	1/5/2012	7.10	1,087	70	3.81	3.8	13.33
	4/2/2012	7.08	1,498	77	2.95	12.6	11.79
	7/5/2012	7.32	1,950	49	4.24	15.0	14.95
	10/3/2012	6.93	582	-20.6	3.72	4.3	14.97
	5/29/2013	7.31	1,109	86	1.61	12.0	13.25
	11/4/2013	6.15	1,199	180	0.69	27.9	13.84
5/14/2014	6.99	941	129	2.24	26.0	11.68	
11/17/2014	7.21	841	28.4	2.52	3.05	12.61	
MW-24d	12/8/2009	6.89	3,760	-65	0.58	NM	11.89
	3/15/2010	7.16	2,900	-73	0.73	30.4	12.57
	5/12/2010	7.63	3,600	-9	0.3	9.0	11.9
	9/8/2010	NM	3,360	114	1.4	44	17.3
	12/14/2010	6.76	4,140	-78	0.40	34.8	7.92
	2/14/2011	NM	4,050	-72	0.32	25.5	11.79
	5/9/2011	6.89	3,730	-75	0.22	24.5	13.19
	7/19/2011	6.92	3,910	-56	0.16	19.2	18.85
	10/4/2011	6.84	3,163	-3.0	2.9*	5.8	14.65
	1/5/2012	6.80	3,560	-53	0.23	0.0	11.85
	4/2/2012	7.03	3,300	-76	0.39	15.0	11.96
	7/5/2012	7.14	3,640	-89	0.20	16.1	18.61
	10/3/2012	6.70	2,350	-39.7	0.70	3.8	13.59
	5/30/2013	7.18	2,910	-86	0.20	10.6	14.12
	11/4/2013	7.10	2,590	-87	0.22	31.8	12.42
5/14/2014	7.15	2,490	-42	0.42	29.5	13.25	
11/17/2014	7.22	1,691	-69.8	0.20	7.86	11.52	

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 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-25s	12/10/2009	7.08	743	71	0.93	31.3	11.01
	3/16/2010	7.09	830	38	1.49	23.8	11.69
	5/14/2010	7.72	1,066	118	0.8	52	11.8
	9/8/2010	NM	1,104	77	1.7	40	13.65
	12/22/2010	6.80	1,061	106	1.70	34.0	12.05
	2/24/2011	6.92	1,034	16	1.58	25.2	11.40
	5/13/2011	7.29	734	31	3.05	24.5	12.35
	7/28/2011	7.02	835	92	2.01	21.0	12.73
	10/10/2011	6.77	825	79.3	3.21	5.3	13.34
	1/5/2012	6.87	820	65	2.22	0.9	11.79
	4/9/2012	7.11	877	65	3.98	14.8	11.92
	7/11/2012	6.98	969	99	1.81	13.9	12.04
	10/25/2012	7.16	889	255	1.79	72.0	12.90
	6/3/2013	7.12	831	32	2.48	9.9	11.43
	11/8/2013	7.19	734	49	2.07	27.0	12.33
5/16/2014	7.11	744	111	2.65	25.0	10.04	
7/16/2014	7.14	849	84	1.99	29.0	11.60	
11/25/2014	6.94	952	58	1.74	31.6	11.20	
MW-26s	4/6/2010	6.09	1,116	140	0.31	16.2	13.08
	5/14/2010	7.81	1,024	-22	0.2	22	14.3
	9/8/2010	NM	1,128	-64	0.2	49	15.08
	12/17/2010	7.22	938	-86	0.15	31.0	11.06
	2/17/2011	6.37	951	91	0.75	63.5	12.29
	5/12/2011	7.01	953	-72	0.27	55.0	12.78
	7/25/2011	7.16	917	-76	0.21	19.5	15.85
	10/7/2011	6.99	1,005	-8.7	13.7*	2.67	12.55
	1/5/2012	6.93	1,264	-27	0.48	0.55	11.68
	4/5/2012	5.96	942	88	0.23	11.5	12.60
	7/9/2012	7.02	1,156	-68	0.32	11.9	13.49
	10/2/2012	6.93	680	-49.8	1.30	3.1	13.53
	11/5/2013	6.83	997	-9	0.68	26.1	12.81
11/25/2014	7.06	1,033	-17	0.32	34.5	11.31	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-27s	3/23/2010	7.38	1,198	-57	0.15	67.8	8.27
	5/17/2010	6.62	1,274	150	0.2	58	11.7
	9/9/2010	NM	1,660	-61	0.3	58	16.68
	12/20/2010	6.87	1,374	1	0.20	45.0	10.62
	2/16/2011	7.19	1,158	40	0.53	31.0	7.37
	5/9/2011	7.35	1,253	48	0.81	33.6	10.72
	7/21/2011	7.27	1,780	-34	0.16	29.0	18.90
	10/5/2011	6.10	1,268	8.4	2.3*	8.00	16.99
	1/6/2012	7.04	1,172	120	0.38	3.35	9.96
	4/3/2012	7.12	1,373	-31	0.24	12.6	9.71
	7/5/2012	7.01	1,459	-67	0.16	15.0	15.96
	10/4/2012	6.68	1,239	-44.6	0.94	1.03	16.99
	6/12/2013	7.27	1,228	86	0.16	16.5	14.26
	11/14/2013	6.65	1,228	131	0.34	31.9	13.57
5/22/2014	7.20	1,720	59	1.27	41.0	11.60	
11/17/2014	7.09	1,033	26.4	0.26	5.18	12.53	
MW-27d	3/23/2010	7.27	1,175	-108	0.21	23.9	12.79
	5/17/2010	6.90	1,429	127	0.3	3.0	12.7
	9/9/2010	NM	1,468	-12	0.4	35	12.89
	12/20/2010	7.01	1,510	-41	0.26	33.9	10.40
	2/16/2011	7.14	1,360	-102	0.29	30.4	12.45
	5/9/2011	7.26	1,363	-61	0.23	22.9	14.25
	7/22/2011	6.88	1,385	-41	0.36	20.0	15.10
	10/5/2011	6.23	1,231	3.0	3.3*	0.10	13.87
	1/6/2012	7.01	1,372	23	0.33	0.00	11.48
	4/3/2012	7.17	1,328	-20	0.84	9.6	12.03
	7/5/2012	7.11	1,500	-56	0.28	9.8	15.14
	10/4/2012	6.67	1,194	-38.8	0.78	1.11	13.49
	6/12/2013	6.90	1,185	96	0.25	12.9	15.75
	11/14/2013	6.91	1,148	-46	0.28	26.5	11.78
5/22/2014	7.27	1,475	60	0.31	35.5	15.50	
11/17/2014	7.15	920	-17.5	0.24	0.54	11.35	

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Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-28s	3/23/2010	7.30	778	-1	1.93	22.2	11.50
	5/17/2010	7.48	1,260	148	1.5	10	12.1
	9/9/2010	NM	779	42	1.5	41	12.85
	12/17/2010	6.92	736	130	1.19	35.0	10.10
	2/16/2011	7.18	916	26	1.67	26.0	11.99
	5/12/2011	7.72	1,165	51	3.37	23.5	12.86
	7/22/2011	7.08	880	57	1.87	20.0	12.81
	10/7/2011	7.26	688	88.7	28.3*	2.84	13.08
	1/6/2012	7.12	833	99	2.05	0.55	11.87
	4/6/2012	7.19	654	15	2.35	9.3	11.04
	7/6/2012	6.96	697	114	2.37	10.8	13.33
	10/12/2012	8.29	559	99	2.71	29.0	12.24
11/4/2013	7.09	665	49	1.66	26.3	12.25	
11/19/2014	7.21	746	92	3.72	2.47	11.33	
MW-28d	3/23/2010	7.26	827	-81	0.31	31.9	11.41
	5/17/2010	7.38	926	148	0.5	16	13.2
	9/9/2010	NM	901	10	0.9	58	13.37
	12/17/2010	7.00	999	-129	0.15	34.9	10.20
	2/16/2011	7.26	936	-174	0.21	29.0	11.33
	5/12/2011	7.35	940	-144	0.24	39.5	14.75
	7/22/2011	7.10	967	-113	0.10	19.1	14.27
	10/7/2011	7.15	957	-53.3	11.8*	5.35	14.25
	1/6/2012	7.20	1,034	-101	0.32	8.68	10.85
	4/6/2012	7.23	1,029	-133	0.79	22.0	10.10
	7/6/2012	7.13	1,165	-131	0.21	16.0	15.36
	10/19/2012	7.49	964	-152	0.22	142	11.84
	11/4/2013	7.18	940	-113	0.35	29	11.85
	11/19/2014	7.18	649	-68.5	0.44	4.40	10.91

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Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-29s	3/18/2010	7.05	2,820	-59	0.37	24.8	12.71
	5/17/2010	6.98	3,270	-16	0.2	18	12.8
	9/9/2010	NM	4,410	-107	0.3	35	16.30
	12/15/2010	6.61	6,020	-121	0.42	39.5	12.91
	2/15/2011	6.78	4,910	-241	0.34	33.9	12.65
	5/12/2011	6.78	3,900	-121	0.22	24.7	13.45
	7/20/2011	6.75	4,680	-80	0.15	23.0	15.55
	10/10/2011	6.30	5,620	-19.1	1.40	4.47	15.73
	1/6/2012	6.63	4,290	-220	0.28	1.50	14.52
	4/5/2012	6.90	4,250	-97	0.39	9.0	11.58
	7/9/2012	NM	5,880	22	0.17	13.0	15.25
	10/12/2012	8.19	3,990	-164	0.20	200	17.25
	5/30/2013	6.77	4,470	-86	0.17	10	14.79
	11/6/2013	6.52	5,260	-65	0.45	28	15.67
5/15/2014	6.68	4,370	-46	0.45	27	11.52	
11/20/2014	6.71	4,788	-32.8	0.28	6.58	13.32	
MW-29d	3/18/2010	7.24	1,182	-134	0.21	5,999	13.78
	5/17/2010	7.40	1,405	60	1.0	10	15.0
	9/9/2010	NM	1,437	6	0.6	35	19.35
	12/15/2010	6.99	1,570	-90	1.57	42.3	0.52
	2/15/2011	7.15	1,550	-202	0.30	1245	11.28
	5/12/2011	7.26	1,403	-54	6.65	40.5	21.01
	7/20/2011	7.03	1,482	-70	2.40	48.0	23.15
	10/10/2011	6.76	1,381	78.9	3.01	3.26	12.65
	1/6/2012	6.98	1,530	-42	1.30	0.00	11.76
	4/6/2012	7.13	1,560	-131	1.69	23.0	6.85
	7/9/2012	NM	1,780	87	0.78	20.3	23.82
	10/19/2012	6.08	1,510	86	0.51	83.5	11.77
	5/30/2013	6.38	1,750	-87	0.82	64.6	25.09
	11/7/2013	7.02	1,590	-90	0.40	427	10.95
5/15/2014	6.44	1,680	-90	0.54	34	12.88	
11/20/2014	7.10	1,201	-95.8	0.32	199	10.98	

Notes:

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Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-30s	3/23/2010	7.03	2,120	-14	1.68	102	9.98
	5/17/2010	7.40	2,430	69	0.2	22	12.1
	9/9/2010	NM	1,840	-85	0.2	52	17.01
	12/16/2010	6.78	1,800	-95	0.34	51.0	13.60
	2/15/2011	7.01	1,740	-115	0.18	61.0	11.38
	5/13/2011	6.90	2,340	-34	0.40	30.0	11.25
	7/20/2011	6.94	1,780	-6	0.11	25.0	15.70
	10/10/2011	6.77	1,565	-8.3	1.21	5.74	16.60
	1/6/2012	6.82	2,450	5	0.28	5.00	13.58
	4/9/2012	6.89	2,040	-40	0.84	10.3	10.93
	7/9/2012	6.95	1,760	-55	0.14	13.3	14.79
	10/19/2012	7.22	1,338	-103	0.29	17.4	16.33
	5/30/2013	7.07	2,100	-21	0.14	9.3	12.88
	11/5/2013	6.98	1,470	-63	0.29	29.5	16.03
5/14/2014	6.97	2,480	8	0.28	27.8	10.80	
11/19/2014	6.94	1,281	-10.1	0.21	1.90	14.19	
MW-30d	3/23/2010	6.92	1,670	-94	0.36	36.0	12.10
	5/17/2010	7.48	1,910	-5	0.2	44	13.6
	9/9/2010	NM	1,870	-98	0.2	52	16.35
	12/16/2010	6.88	1,830	-94	0.22	44.5	11.70
	2/15/2011	7.11	1,800	-146	0.78	40.3	12.60
	5/13/2011	7.03	1,740	-103	0.48	30.0	13.25
	7/20/2011	7.12	1,680	-88	0.18	28.9	16.40
	10/10/2011	6.87	1,546	-46.8	1.15	7.18	15.00
	1/6/2012	6.87	1,560	-68	0.23	0.00	13.90
	4/9/2012	7.01	1,570	-106	0.46	14.9	12.79
	7/9/2012	7.09	1,700	-94	0.18	11.3	14.89
	10/19/2012	7.45	1,348	-132	0.32	8.6	14.10
	5/30/2013	7.20	1,355	-92	0.16	56.3	15.41
	11/5/2013	7.12	1,251	-107	0.25	31.6	14.19
5/14/2014	7.10	1,217	-69	0.34	58.5	12.82	
11/19/2014	7.12	857	-78.9	0.21	4.03	12.76	

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Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-31	6/18/2010	6.93	1,416	139	4.96	14.8	12.96
	9/17/2010	7.03	1,052	107	4.6	86.9	11.79
	12/22/2010	7.05	1,176	11	6.99	34.9	10.75
	2/24/2011	6.88	1,208	8	6.51	32.7	10.91
	5/11/2011	7.25	1,090	39	10.20	26.0	12.70
	7/21/2011	7.13	1,055	68	6.32	21.7	16.85
	10/4/2011	6.88	889	113.8	48.3*	4.08	12.10
	1/10/2012	6.91	1,102	128	5.95	0.00	11.36
	4/5/2012	7.08	1,052	47	5.73	9.3	11.00
	7/16/2012	7.04	1,137	65	5.98	20.6	12.78
	10/3/2012	6.61	783	8.6	7.56	9.3	12.21
	3/7/2013	7.09	964	-74	5.88	7.50	11.13
	5/29/2013	6.93	1,015	110	4.38	12.2	13.09
	8/29/2013	7.15	1,079	88	4.48	28.5	14.49
	3/28/2014	7.25	874	150	4.15	32.0	10.95
5/22/2014	7.25	1,115	86	4.97	39.0	12.67	
7/17/2014	7.20	938	66	3.99	33.3	12.76	
11/11/2014	6.99	850	96	5.45	27.2	13.11	
MW-32s	9/17/2010	7.29	771	-20	0.31	46.8	17.52
	11/19/2010	7.08	800	-101	0.22	25.8	17.56
	12/28/2010	6.80	830	-62	0.24	31.5	17.20
	2/25/2011	7.14	868	-55	0.42	25.8	17.10
	5/10/2011	7.30	804	-85	0.64	21.7	17.22
	7/28/2011	7.40	804	-30	0.43	18.9	17.93
	10/6/2011	7.14	758	9.8	11.5*	1.00	17.32
	1/10/2012	7.02	819	-22	0.47	0.00	17.44
	4/4/2012	7.16	862	-20	0.42	15.0	16.66
	7/11/2012	7.14	990	27	0.30	14.0	17.38
	10/10/2012	NM	646	105	0.22	14.3	16.20
	5/20/2013	7.34	654	31	0.98	9.0	14.72
	11/5/2013	6.80	679	65	1.20	26.3	14.40
	5/19/2014	7.37	721	14	0.94	23.9	12.69
7/15/2014	7.12	825	15	0.49	28.9	13.43	
11/12/2014	7.29	695	-116	0.52	41.0	12.98	

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Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-32d	5/20/2013	7.30	999	-106	0.43	9.5	14.98
	8/28/2013	7.21	1,116	-82	0.49	21.0	15.60
	11/5/2013	7.15	980	-101	0.53	26.6	13.88
	3/27/2014	7.27	1,140	-158	0.23	22.0	11.94
	5/19/2014	7.25	959	-79	0.37	24.8	12.94
	7/15/2014	7.20	989	-44	0.33	50.9	13.90
	11/11/2014	7.08	867	-70	0.94	57.1	13.07
MW-33s	9/17/2010	7.13	1,006	-95	0.48	39.2	16.55
	11/19/2010	6.79	1,059	-101	0.22	26.7	17.42
	12/22/2010	6.98	1,056	-128	0.30	33.4	17.55
	2/24/2011	7.00	991	-157	0.37	23.0	17.28
	5/10/2011	7.20	1,267	-100	1.31	24.4	16.23
	7/28/2011	7.26	1,188	-64	0.42	19.0	16.09
	10/6/2011	7.03	949	-51.3	12.0*	0.50	16.91
	1/9/2012	6.99	1,055	-70	0.28	0.50	17.91
	4/4/2012	7.06	1,005	-91	0.35	9.0	16.09
	7/11/2012	7.10	1,068	-97	0.25	16.9	16.03
	10/10/2012	NM	763	-80	0.20	11.9	16.64
	5/20/2013	7.17	766	-85	0.66	8.4	14.85
	11/5/2013	7.08	815	-109	0.47	26.2	15.11
	5/19/2014	7.28	770	-96	0.52	23.7	13.40
11/12/2014	7.19	681	-110	0.57	39.5	14.01	
MW-34s	9/17/2010	7.40	562	21	3.83	44.2	16.02
	11/19/2010	7.22	580	27	4.30	30.0	16.07
	12/28/2010	7.08	585	21	5.68	32.5	15.70
	2/25/2011	7.40	630	-15	5.31	25.5	15.55
	5/10/2011	7.53	677	10	7.19	21.7	15.52
	7/28/2011	7.61	600	48	3.90	19.0	16.16
	10/6/2011	7.24	564	78	69.0*	4.85	15.80
	1/10/2012	7.13	652	98	4.97	5.28	15.59
	4/4/2012	7.32	647	25	4.95	8.0	14.68
	7/11/2012	7.34	650	60	4.55	16.9	15.48
	10/10/2012	NM	474	128	5.46	11.4	14.68
	5/20/2013	7.54	510	50	5.82	8.3	13.44
	11/12/2013	7.29	739	38	7.75	25.7	12.43
	5/19/2014	7.30	701	150	6.63	23.0	11.79
11/26/2014	7.20	745	75	6.10	33.0	13.28	

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Analyte	pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature	
Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-34d	5/20/2013	7.19	1,260	-122	0.42	9.3	13.31
	8/28/2013	7.22	1,298	-102	0.60	16.3	15.10
	11/12/2013	7.29	1,411	-128	0.29	26.2	11.11
	3/26/2014	8.62	1,191	-171	0.29	28.6	10.40
	5/21/2014	7.30	1,262	-104	0.27	28.8	14.34
	7/16/2014	7.15	1,157	-69	0.27	25.1	13.03
	11/13/2014	7.22	1,049	-88	0.75	35.8	11.49
MW-35i	10/25/2012	7.46	785	121	0.89	18.0	16.28
	3/27/2013	8.86	694	-42	1.28	0.0	12.55
	6/5/2013	7.87	724	-181	0.40	1.2	13.92
	8/29/2013	7.26	919	-40	0.58	20.9	16.35
	11/12/2013	7.40	994	-61	0.61	26.0	13.26
	3/27/2014	7.31	733	95	0.72	28.3	11.09
	5/21/2014	7.36	918	-38	0.91	30.5	13.44
	7/18/2014	7.29	931	13	0.55	26.0	14.37
	11/20/2014	7.28	563	48.2	0.81	0.87	12.43
MW-35d	10/25/2012	7.28	1,262	-44	0.33	131	15.47
	3/7/2013	7.12	1,112	-230	0.70	8.7	8.85
	6/11/2013	7.25	1,142	-108	0.31	32.5	15.82
	8/28/2013	7.18	1,461	-108	0.65	21.9	18.11
	11/12/2013	7.23	1,740	-133	0.38	31.2	11.98
	3/26/2014	8.52	1,466	-187	0.35	30.3	11.25
	5/20/2014	7.15	1,278	-98	0.38	24.0	13.40
	7/16/2014	7.00	1,288	-68	0.37	28.9	13.54
	11/13/2014	7.21	1,130	-83	0.88	43.2	10.71
MW-36s	4/3/2013	6.95	893	36	0.37	4.7	12.37
	5/31/2013	7.25	826	70	2.33	11.8	15.06
	8/29/2013	7.10	958	46	2.61	18.3	16.73
	11/8/2013	7.14	823	41	1.24	25.9	16.51
	3/27/2014	7.11	1,081	116	0.57	19.7	12.32
	5/15/2014	7.15	822	45	2.01	24.4	12.73
	7/18/2014	6.85	869	104	2.00	24.9	14.08
	11/25/2014	7.03	925	32	1.60	31.0	15.22

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Units	S.U.	umhos/cm	mV	mg/L	NTU	°C	
MW-36d	4/2/2013	6.79	1,780	-59	0.24	9.6	14.55
	6/11/2013	7.17	1,730	-83	0.12	22.9	16.39
	8/28/2013	7.00	2,050	-103	0.24	22.0	16.84
	11/12/2013	7.19	2,430	-123	0.24	34.0	13.99
	3/26/2014	8.32	2,120	-142	0.43	40.5	13.49
	5/21/2014	7.14	2,280	-87	0.28	58.0	15.99
	7/15/2014	7.12	1,850	-79	0.16	49.5	15.45
11/13/2014	7.11	1,760	-95	0.62	53.5	14.18	
MW-37s	4/3/2013	6.93	995	87	0.45	6.9	12.27
	6/3/2013	7.21	978	55	0.57	9.7	13.07
	8/29/2013	7.15	1,128	61	0.59	18.0	14.86
	11/11/2013	7.02	1,342	136	0.57	26.7	13.19
	3/27/2014	7.17	1,166	60	0.32	23.0	11.70
	5/16/2014	7.15	1,052	108	0.59	27.0	12.14
	7/18/2014	7.16	1,059	64	0.51	26.0	13.60
11/26/2014	7.11	1,099	67	0.51	34.0	12.80	
MW-38s	4/3/2013	6.99	878	64	0.48	8.9	8.71
	6/3/2013	7.20	1,095	54	1.17	9.7	12.14
	8/29/2013	7.04	1,204	108	0.49	18.0	17.55
	11/11/2013	6.45	1,409	166	1.21	26.1	15.52
	5/16/2014	7.14	1,390	113	4.48	28.5	8.35
	7/17/2014	7.12	1,170	60	0.57	29.0	15.60
11/26/2014	7.00	1,230	35	1.10	32.5	13.70	
MW-38d	4/3/2013	6.94	981	71	1.65	5.4	12.50
	6/12/2013	7.09	983	93	0.96	9.9	14.83
	8/28/2013	6.93	1,136	118	1.81	18.0	14.75
	11/14/2013	6.67	958	150	2.37	26.9	11.72
	3/27/2014	7.09	1,147	179	1.51	20.9	11.89
	5/22/2014	7.13	1,147	49	1.54	29.0	13.38
	7/17/2014	6.91	983	140	1.57	26.5	12.48
11/21/2014	7.04	640	110.3	3.24	4.37	11.14	
MW-39s	4/3/2013	6.98	1,058	83	0.50	9.7	12.50
	6/3/2013	7.15	1,099	62	0.41	13.2	14.06
	8/29/2013	7.14	1,145	60	0.40	22.3	17.46
	11/11/2013	6.84	1,031	90	0.63	26.5	15.25
	3/28/2014	7.05	860	140	0.94	32.8	12.39
	5/16/2014	7.11	979	102	1.42	31.9	12.45
	7/18/2014	7.12	1,035	53	0.65	25.6	15.47
11/29/2014	6.81	1,123	147	0.52	29.6	13.95	

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Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
MW-39d	4/2/2013	7.18	1,140	-105	0.22	5.9	13.90
	6/11/2013	7.27	1,129	-99	0.09	13.6	16.71
	8/28/2013	7.13	1,287	-99	0.22	18.0	17.50
	11/12/2013	7.32	1,378	-125	0.35	29.4	13.37
	3/26/2014	8.50	1,140	-134	0.28	32.0	12.00
	5/21/2014	7.26	1,273	-104	0.13	37.0	15.79
	7/15/2014	7.24	1,085	-92	0.12	27.2	15.93
11/13/2014	7.25	1,028	-107	0.34	43.9	13.54	
MW-40s	4/3/2013	7.15	716	-27	0.46	10.0	7.28
	6/12/2013	7.24	785	-71	0.13	27.0	13.45
	8/28/2013	7.33	890	-110	0.40	69.0	16.80
	11/13/2013	6.90	977	-76	0.43	37.0	12.46
	3/26/2014	8.67	850	-165	0.34	59.3	8.90
	5/21/2014	7.37	977	-112	0.20	49.5	14.24
	7/16/2014	7.19	834	-78	0.16	40.8	12.82
11/17/2014	7.22	605	-96	0.26	19.3	11.82	
MW-40d	4/3/2013	7.09	3,010	-88	0.31	9.9	11.05
	6/12/2013	7.24	3,120	-104	0.11	22.2	14.30
	8/28/2013	7.15	3,580	-103	0.52	28.5	15.15
	11/13/2013	7.22	4,000	-126	0.27	30.0	11.58
	3/26/2014	8.56	3,510	-182	0.22	42.0	11.40
	5/22/2014	7.27	3,730	-112	0.13	39.5	12.91
	7/16/2014	7.21	3,180	-90	0.13	34.9	13.20
11/17/2014	7.16	2,262	-101	0.36	3.6	11.50	
NS-18s	5/20/2014	7.48	570	-5	3.49	24.0	13.64
	7/14/2014	7.53	638	59	2.67	22.0	14.49
	11/12/2014	7.35	570	-2	1.55	40.9	15.22
NS-18i	3/26/2014	7.23	1,035	-103	0.66	25.6	13.70
	5/19/2014	7.21	854	-60	0.82	23.6	14.14
	7/14/2014	7.18	906	-48	0.59	24.2	15.27
	11/12/2014	7.15	845	-64	0.79	40.3	15.70
NS-18d	5/20/2014	7.22	910	-80	0.49	48.0	15.37
	7/14/2014	7.17	943	-47	0.42	69.5	15.46
	11/12/2014	7.12	902	-86	0.79	56.8	15.41
NS-19s	5/20/2014	7.36	799	-148	0.78	41.9	13.50
	7/14/2014	7.31	780	-123	0.68	24.1	14.77
	11/13/2014	7.22	751	-138	1.09	34.7	13.26

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 4
 Summary of Field Parameters at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte		pH	Conductivity	Redox Potential	Dissolved Oxygen	Turbidity	Temperature
Units		S.U.	umhos/cm	mV	mg/L	NTU	°C
NS-19i	5/20/2014	7.30	847	-86	0.61	45.5	13.72
	7/14/2014	7.23	929	-66	0.47	29.0	14.99
	11/13/2014	7.18	817	-72	1.10	36.4	13.35
NS-19d	5/20/2014	7.26	898	-86	0.29	42.0	14.31
	7/14/2014	7.20	927	-57	0.30	34.2	15.33
	11/11/2014	7.08	861	-69	0.75	37.1	13.86
NS-20s	5/20/2014	7.42	507	-76	2.80	46.0	12.56
	7/15/2014	7.28	545	-59	2.03	34.9	13.56
	11/12/2014	7.32	500	-102	1.00	58.6	12.63
NS-20i	5/20/2014	7.50	755	-206	0.67	50.0	12.89
	7/15/2014	7.45	799	-189	0.43	26.1	13.67
	11/12/2014	7.42	806	-222	0.68	45.7	12.79
SS-09s	5/20/2014	7.47	596	8	5.19	43.0	14.04
	7/17/2014	7.21	1,220	60	4.62	32.0	13.23
	11/21/2014	7.23	615	113.4	6.59	6.87	12.19
SS-09i	5/20/2014	7.35	989	-52	0.42	39.8	14.05
	7/17/2014	7.32	948	-17	0.65	29.5	13.44
	11/21/2014	7.31	585	-13.5	0.56	2.44	10.64
SS-10s	5/21/2014	7.38	665	162	4.57	29.4	13.62
	7/17/2014	7.51	611	73	4.02	29.0	13.28
	12/1/2014	7.40	861	50	5.78	29.7	11.30
SS-10i	5/21/2014	7.24	1,103	-23	0.48	40.0	13.75
	7/17/2014	7.28	918	-55	0.80	32.7	13.95
	12/1/2014	7.35	958	-46	0.64	36.2	11.12
SS-10d	5/21/2014	7.29	1,046	-108	0.19	41.8	13.25
	7/17/2014	7.27	912	-96	0.18	30.1	13.88
	11/13/2014	7.25	880	-96	0.76	46.4	10.91

Notes:

S.U. = standard pH units

umhos/cm = micromhos per centimeter

mV = millivolts

mg/L = milligrams per liter

NTU = nephelometric turbidity units

°C = degrees Celsius

* = Dissolved oxygen measurement recorded in percent of saturation, not mg/L

NM = not measured

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-01s (16-21') Depth to Groundwater Approx. 16 - 19'	3/13/2009	<100	<100	<20	<20	<20	<20	750	<20	2,700	<20	<20
	4/20/2009	NA	<500	<100	<100	<100	<100	1,100	<100	2,200	NA	<100
	12/9/2009	<100	<100	<20	<20	<20	<20	1,000	<20	3,400	<20	<20
	3/17/2010	<100	<100	<20	<20	<20	<20	1,400	<20	2,500	<20	<20
	5/18/2010	<100	<100	<20	<20	<20	<20	1,000	<20	2,700	<20	<20
	9/10/2010	<100	<100	<20	<20	<20	<20	750	<20	2,400	<20	<20
	12/28/2010	<100	<100	<20	<20	<20	<20	1,100	<20	2,500	<20	<20
	2/25/2011	<50	<50	<10	<10	<10	<10	560	<10	1,300	<10	<10
	5/11/2011 ⁽⁴⁾	<50	<50	<10	<10	<10	<10	860	<10	1,900	<10	<10
	7/28/2011	<100	<100	<20	<20	<20	<20	500	<20	1,900	<20	<20
	10/6/2011	<100	<100	<20	<20	<20	<20	540	<20	2,000	<20	<20
	1/9/2012	<100	<100	<20	<20	31	<20	530	<20	2,000	<20	<20
	4/4/2012	<100	<100	<20	<20	38	<20	480	<20	1,900	<20	<20
	7/11/2012	<100	<100	<20	<20	<20	<20	560	<20	2,100	<20	<20
	10/8/2012	<100	<100	<20	<20	<20	<20	650	<20	2,000	<20	<20
6/11/2013	<100	<100	<20	<20	<20	<20	470	<20	1,400	<20	<20	
11/12/2013	<100	<100	<20	<20	<20	<20	660	<20	1,800	<20	<20	
5/21/2014	<50	<50	<10	<10	<10	<10	370	<10	1,500	<10	<10	
11/26/2014	<100	<100	<20	<20	<20	<20	340	<20	2,000	<20	<20	
DUP-01 (MW-01s)	3/13/2009	<20	<20	<20	<20	<20	<20	720	<20	2,700	<20	<20
MW-02s (23-28') Depth to Groundwater Approx. 22 - 24'	3/13/2009	<10	<10	<2.0	<2.0	2.4	<2.0	2.2	2.5	<2.0	280	<2.0
	4/20/2009	NA	<50	<10	<10	<10	<10	<10	<10	130	NA	<10
	12/9/2009	<10	<10	<2.0	<2.0	3.7	<2.0	2.7	2.9	<2.0	250	<2.0
	3/17/2010	13	<10	<2.0	<2.0	4.1	<2.0	2.3	3.1	<2.0	290	<2.0
	5/18/2010	<10	<10	<2.0	<2.0	2.3	<2.0	2.4	2.6	<2.0	210	<2.0
	9/10/2010	<10	<10	<2.0	<2.0	2.3	<2.0	2.3	2.3	<2.0	220	<2.0
	12/22/2010	<10	<10	<2.0	<2.0	2.4	<2.0	2.3	3.1	<2.0	240	<2.0
	2/24/2011	<10	<10	<2.0	<2.0	2.0	<2.0	<2.0	2.6	<2.0	240	<2.0
	5/10/2011 ⁽⁴⁾	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	250	<2.0
	7/28/2011 ⁽⁵⁾	<10	<10	<2.0	<2.0	2.0	<2.0	2.2	2.4	<2.0	280	<2.0
	10/7/2011	<10	<10	<2.0	<2.0	<2.0	<2.0	2.5	2.5	<2.0	220	<2.0
	1/10/2012	<10	<10	<2.0	<2.0	<2.0	<2.0	2.8	2.5	<2.0	190	<2.0
	4/5/2012	<10	<10	<2.0	<2.0	2.7	<2.0	3.5	3.4	<2.0	210	<2.0
	7/11/2012	<10	<10	<2.0	<2.0	2.2	<2.0	2.5	3.5	<2.0	330	<2.0
	10/25/2012	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	2.6	<2.0	270	<2.0
6/11/2013	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	2.8	<2.0	300	<2.0	
11/12/2013	<12	<12	<2.5	<2.5	2.8	<2.5	<2.5	4.4	<2.5	410	<2.5	
5/19/2014	<12	<12	<2.5	<2.5	<2.5	<2.5	<2.5	3.1	<2.5	280	<2.5	
11/26/2014	<12	<12	<2.5	<2.5	<2.5	<2.5	<2.5	3.1	<2.5	380	<2.5	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
MW-03s (9-14') Depth to Groundwater Approx. 8 - 10'	3/13/2009	<10	<10	9.1	<2.0	240	9.1	<2.0	<2.0	<2.0	<2.0	140	
	4/20/2009	NA	<50	18	<10	490	18	<10	<10	<10	NA	210	
	12/8/2009	<120	<120	46	<25	2,200	83	<25	<25	<25	<25	130	
	3/17/2010	<25	<25	11	<5.0	460	17	<5.0	<5.0	<5.0	<5.0	42	
	5/18/2010	<25	<25	14	<5.0	630	24	<5.0	<5.0	<5.0	<5.0	34	
	9/10/2010	<50	<50	29	<10	1,600	63	<10	<10	<10	<10	83	
	12/22/2010	<50	<50	32	<10	1,800	82	<10	<10	<10	<10	70	
	2/25/2011	<100	<100	33	<20	2,200	110	<20	<20	<20	<20	<20	75
	5/10/2011 ⁽⁴⁾	<100	<100	25	<20	1,600	77	<20	<20	<20	<20	<20	52
	7/28/2011	<100	<100	23	<20	1,700	78	<20	<20	<20	<20	<20	65
	10/6/2011	<100	<100	24	<20	2,100	100	<20	<20	<20	<20	<20	91
	1/10/2012	<50	<50	22	<10	1,300	81	<10	<10	<10	<10	<10	51
	4/4/2012	<100	<100	<20	<20	1,600	84	<20	<20	<20	20	<20	170
	7/11/2012	<100	<100	23	<20	2,500	120	<20	<20	<20	25	<20	210
	10/8/2012	<100	<100	<20	<20	1,700	93	<20	<20	<20	<20	<20	100
	6/3/2013	<100	<100	24	<20	2,000	120	<20	<20	<20	<20	<20	220
	11/11/2013	<100	<100	35	<20	2,500	150	<20	<20	<20	<20	<20	350
5/19/2014	<100	<100	<20	<20	1,500	99	<20	<20	<20	<20	<20	150	
11/26/2014	<100	<100	21	<20	1,900	130	<20	<20	<20	<20	<20	210	
DUP-01 (MW-03s)	12/8/2009	<120	<120	42	<25	2,000	73	<25	<25	<25	<25	120	
MW-04s (15-20') Depth to Groundwater Approx. 15 - 17'	3/13/2009	<120	<120	<25	<25	2,100	70	<25	<25	<25	5,000	<25	460
	4/20/2009	NA	<500	<100	<100	1,700	<100	<100	<100	<100	4,000	NA	520
	12/9/2009	<250	<250	<50	<50	2,500	90	<50	<50	<50	<50	<50	270
	3/17/2010	<250	<250	<50	<50	2,900	82	<50	<50	<50	7,500	<50	520
	5/18/2010	<250	<250	<50	<50	2,100	58	<50	<50	<50	4,700	<50	280
	9/17/2010	<250	<250	<50	<50	2,400	70	<50	<50	<50	5,200	<50	200
	12/22/2010	<250	<250	<50	<50	2,700	91	<50	<50	<50	6,700	<50	270
	2/25/2011	<250	<250	<50	<50	2,500	82	<50	<50	<50	5,900	<50	280
	5/11/2011 ⁽⁴⁾	<250	<250	<50	<50	1,900	58	<50	<50	<50	4,600	<50	270
	7/28/2011	<250	<250	<50	<50	1,700	50	<50	<50	<50	4,600	<50	190
	10/6/2011	<250	<250	<50	<50	2,000	58	<50	<50	<50	4,600	<50	190
	1/10/2012	<250	<250	<50	<50	1,800	72	<50	<50	<50	4,800	<50	190
	4/4/2012	<250	<250	<50	<50	1,600	54	<50	<50	<50	4,300	<50	170
	7/11/2012	<250	<250	<50	<50	2,100	65	<50	<50	<50	5,600	<50	200
	10/8/2012	<250	<250	<50	<50	2,200	66	<50	<50	<50	6,700	<50	200
	6/3/2013	<250	<250	<50	<50	1,900	63	<50	<50	<50	5,700	<50	140
	11/11/2013	<250	<250	<50	<50	1,900	66	<50	<50	<50	6,600	<50	140
5/19/2014	<250	<250	<50	<50	1,100	<50	<50	<50	<50	3,900	<50	56	
11/26/2014	<250	<250	<50	<50	1,200	<50	<50	<50	<50	5,500	<50	80	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
MW-04i (21.5-26.5') Depth to Groundwater Approx. 16-17'	4/3/2013	<250	<250	<50	<50	3,100	100	<50	<50	<50	5,000	<50	53
	6/3/2013	<250	<250	<50	<50	3,400	96	<50	<50	<50	4,900	<50	53
	8/29/2013	<250	<250	<50	<50	3,900	120	<50	<50	<50	5,600	<50	68
	11/11/2013	<250	<250	<50	<50	4,200	120	<50	<50	<50	5,400	<50	78
	3/27/2014	<250	<250	<50	<50	3,000	79	<50	<50	<50	4,000	<50	<50
	5/19/2014	<250	<250	<50	<50	3,300	100	<50	<50	<50	4,600	<50	56
	7/18/2014	<250	<250	<50	<50	3,000	91	<50	<50	<50	4,100	<50	54
11/26/2014	<250	<250	<50	<50	3,400	110	<50	<50	<50	5,200	<50	61	
MW-05s (25-30') Depth to Groundwater Approx. 25 - 27'	3/13/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	120	<1.0	<1.0
	4/20/2009	NA	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	140	NA	<5.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.3	<1.0	<1.0	190	<1.0	<1.0
	3/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	6.3	<1.0	<1.0	160	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.6	<1.0	<1.0	160	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.6	<1.0	<1.0	140	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.9	<1.0	<1.0	160	<1.0	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	130	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.9	<1.0	<1.0	160	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	4.8	<1.0	<1.0	150	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.1	<1.0	<1.0	150	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.8	<1.0	<1.0	150	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.7	<1.0	<1.0	160	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	5.8	<1.0	<1.0	160	<1.0	<1.0
10/25/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	130	<1.0	<1.0	
11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	100	<1.0	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	110	<1.0	<1.0	
MW-06s (24-29') Depth to Groundwater Approx. 23 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	21	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	23	NA	<1.0
	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	37	<1.0	<1.0
	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	31	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	33	<1.0	<1.0
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	29	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	34	<1.0	<1.0
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	35	<1.0	<1.0
	5/10/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	27	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	27	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	30	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	31	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	32	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	32	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	28	<1.0	<1.0
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	27	<1.0	<1.0	
11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	24	<1.0	<1.0	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
MW-07s (23.5-28.5') Depth to Groundwater Approx. 24 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	10	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	11	NA	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	14	<1.0	<1.0
	3/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	13	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	13	<1.0	<1.0
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	12	<1.0	<1.0
	12/21/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	16	<1.0	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	12	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	12	<1.0	<1.0
	7/27/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	11	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	13	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	14	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	12	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	14	<1.0	<1.0
10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	14	<1.0	<1.0	
11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	13	<1.0	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	15	<1.0	<1.0	
MW-08s (23.5-28.5') Depth to Groundwater 23 - 26'	3/16/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	<1.0
	4/20/2009	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10	NA	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	<1.0
DUP-01 (MW-08s)	4/20/2009	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10	NA	<1.0
MW-08d (40-45') Depth to Groundwater Approx. 26 - 27'	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
DUP-01 (MW-08d)	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09s (7-12') Depth to Groundwater* Approx. 5 - 8'	3/16/2009	<100	<100	<20	<20	<20	<20	160	<20	1,700	<20	<20	
	4/20/2009	NA	<500	<100	<100	<100	<100	220	<100	2,100	NA	<100	
	12/9/2009	<100	<100	<20	<20	<20	<20	150	<20	2,400	<20	<20	
	3/18/2010	<100	<100	<20	<20	<20	<20	120	<20	1,500	<20	<20	
	5/18/2010	<100	<100	<20	<20	<20	<20	120	<20	1,700	<20	<20	
	9/17/2010	<100	<100	<20	<20	<20	<20	120	<20	1,700	<20	<20	
	2/25/2011	<50	<50	<10	<10	<10	<10	84	<10	1,100	<10	<10	
5/11/2011 ⁽⁴⁾	<50	<50	<10	<10	<10	<10	83	<10	1,200	<10	<10		

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-10s (8-13') Depth to Groundwater Approx. 7 - 9'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
DUP-02 (MW-10s)	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10d (14-19') Depth to Groundwater Approx. 9 -10'	12/9/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11s (29-34') Depth to Groundwater Approx. 29 - 32'	5/14/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/13/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
DUP-02 (MW-11s)	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-01 (MW-11s)	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12s (12-17) Depth to Groundwater Approx. 13 - 15'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
	12/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	
11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-12d (33-38) Depth to Groundwater Approx. 13 - 15'	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/31/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

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Bold font denotes concentrations detected above laboratory reporting limits

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- 2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
- 3) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-13s (13-18') Depth to Groundwater Approx. 15 - 17'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/10/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/14/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/31/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-14s (4-9') Depth to Perched Groundwater Approx. 3 - 7'	5/14/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/11/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

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 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-14d (37.5-42.5') Depth to Groundwater Approx. 30 - 31'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/3/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
DUP-01 (MW-14d)	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-02 (MW-14d)	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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

MW-15s (30-35') Depth to Groundwater Approx. 30 - 32'	5/15/2009	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/30/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-17s (3-8') Depth to Groundwater Approx. 6'	7/23/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/7/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/11/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/11/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic

Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed

Bold font denotes concentrations detected above laboratory reporting limits

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* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
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 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
MW-18s (26-31') Depth to Groundwater Approx. 25 - 27'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
11/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
MW-19s (25-30') Depth to Groundwater Approx. 24 - 26'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	31	<1.0	<1.0	
	1/13/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	2.3	36	<1.0	<1.0	
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.7	36	<1.0	<1.0	
	5/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	32	<1.0	<1.0	
	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	1.8	33	<1.0	<1.0	
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	37	<1.0	<1.0	
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.8	41	<1.0	<1.0	
	5/10/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	28	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.0	1.4	27	<1.0	<1.0	
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.7	28	<1.0	<1.0	
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	1.9	34	<1.0	<1.0	
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.5	32	<1.0	<1.0	
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	2.3	32	<1.0	<1.0	
10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	31	<1.0	<1.0		
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	25	<1.0	<1.0		
11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	1.6	30	<1.0	<1.0		
DUP-03 (MW-19s)	9/10/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.0	1.7	32	<1.0	<1.0	
	11/24/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.3	1.6	31	<1.0	<1.0	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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Bold font denotes concentrations detected above laboratory reporting limits

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* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
DUP-02 (MW-19s)	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.8	<1.0	39	<1.0	<1.0
	5/10/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	1.6	<1.0	29	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.4	<1.0	27	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.6	<1.0	28	<1.0	<1.0
	1/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	1.8	<1.0	34	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.1	1.6	<1.0	32	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.6	2.3	<1.0	32	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.3	1.3	<1.0	27	<1.0	<1.0
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.2	1.2	<1.0	26	<1.0	<1.0	
MW-19d (40-45') Depth to Groundwater Approx. 24 - 26'	12/8/2009	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/18/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/10/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
DUP-01 (MW-19d)	5/12/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

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Bold font denotes concentrations detected above laboratory reporting limits

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- 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 DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-25s (20-25') Depth to Groundwater Approx. 18 - 20'	12/10/2009	<5.0	<5.0	1.7	<1.0	8.8	<1.0	<1.0	4.8	<1.0	<1.0	<1.0
	3/16/2010	<5.0	<5.0	1.2	<1.0	<1.0	<1.0	<1.0	17	<1.0	1.1	<1.0
	5/14/2010	<5.0	<5.0	1.2	<1.0	<1.0	<1.0	<1.0	18	<1.0	1.0	<1.0
	9/8/2010	<5.0	<5.0	1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0	1.4	<1.0
	12/22/2010	<5.0	<5.0	1.2	<1.0	<1.0	<1.0	<1.0	26	<1.0	2.4	<1.0
	2/24/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0	2.2	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	21	<1.0	2.2	<1.0
	7/28/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0	2.5	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	20	<1.0	2.8	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	20	<1.0	3.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	20	<1.0	3.6	<1.0
	7/11/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	21	<1.0	4.2	<1.0
	10/25/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0	4.6	<1.0
	6/3/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0	6.1	<1.0
	11/8/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	22	<1.0	7.0	<1.0
5/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	20	<1.0	7.6	<1.0	
7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	15	<1.0	7.1	<1.0	
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	17	<1.0	8.9	<1.0	
DUP-01 (MW-25s)	3/16/2010	<5.0	<5.0	1.3	<1.0	<1.0	<1.0	<1.0	18	<1.0	1.0	<1.0
MW-26s (28-33') Depth to Groundwater Approx. 26 - 28'	4/6/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/14/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/17/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/25/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/2/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/25/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

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Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-27s (7-12') Depth to Groundwater* Approx. 3 - 4'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0
	7/21/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0
5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	
11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1⁽⁵⁾	<1.0	
DUP-02 (MW-27s)	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27d (37.5-42.5') Depth to Groundwater Approx. 24 - 25'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/20/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/9/2011 ⁽⁴⁾	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/5/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/3/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/14/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/22/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/17/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

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Bold font denotes concentrations detected above laboratory reporting limits

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- 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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- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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- 6) Headspace present in the sample, results are approximate.

Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
MW-28s (25-30') Depth to Groundwater Approx. 25 - 27'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/12/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-28d (49-54') Depth to Groundwater Approx. 25 - 27'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	2/16/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/22/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/7/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	7/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	11/4/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
DUP-03 (MW-28d)	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

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- 1) Criterion is not protective for surface water used as a drinking water source as described in footnote {X} of MDEQ Op Memo 1 Part 201, Attachment 1.
- 2) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.
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Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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

MW-29s (13-18') Depth to Groundwater Approx. 15 - 16'	3/18/2010	<5.0	<5.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/2010	<5.0	<5.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/12/2012	<5.0	<5.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/6/2013	<5.0	<5.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/20/2014	<5.0	<5.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-29d (58.5-63.5') Depth to Groundwater* Approx. 18 - 19'	3/18/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/12/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/5/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/7/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
5/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/20/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

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Table 5
Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
Former Tecumseh Products Company Site
Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-30s (11-16') Depth to Groundwater* Approx. 9 - 11'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-30d (25.5-30.5') Depth to Groundwater* Approx. 9 - 11'	3/23/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/9/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2010	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/15/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/13/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/20/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/10/2011	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/9/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/19/2012	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/30/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/5/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/14/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/19/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride	
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0	
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0	
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾	
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8	
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52	
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000	
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	
DUP-01 (MW-32d)	11/5/2013	<5.0	<5.0	<1.0	<1.0	1.7	3.1	<1.0	<1.0	<1.0	51	<1.0	<1.0
	5/19/2014	<5.0	<5.0	<1.0	<1.0	2.1	3.0	<1.0	<1.0	<1.0	51	<1.0	<1.0
	11/11/2014	<5.0	<5.0	<1.0	<1.0	2.3	3.4	<1.0	<1.0	<1.0	59	<1.0	<1.0
MW-33s (21-26') Depth to Groundwater Approx. 20 - 22'	9/17/2010	<5.0	<5.0	12	<1.0	13	<1.0	<1.0	<1.0	<1.0	76	<1.0	64
	11/18/2010	<5.0	<5.0	14	<1.0	22	<1.0	1.1	<1.0	<1.0	150	<1.0	56
	12/22/2010	<5.0	<5.0	14	<1.0	22	1.2	1.0	<1.0	<1.0	130	<1.0	57
	2/24/2011	<5.0	<5.0	12	<1.0	20	1.0	<1.0	<1.0	<1.0	110	<1.0	60
	5/10/2011 ⁽⁴⁾	<10	<10	11	<2.0	21	<2.0	<2.0	<2.0	<2.0	220	<2.0	55
	7/28/2011	<10	<10	8.9	<2.0	18	<2.0	<2.0	<2.0	<2.0	260	<2.0	22
	10/6/2011	<10	<10	11	<2.0	19	<2.0	<2.0	<2.0	<2.0	220	<2.0	48
	1/9/2012 ⁽⁶⁾	<5.0	8.9	15	<1.0	20	1.0	<1.0	1.3	<1.0	170	<1.0	51
	4/4/2012	<5.0	5.6	17	<1.0	21	<1.0	<1.0	1.2	<1.0	170	<1.0	48
	7/11/2012	<5.0	13	25	<1.0	32	1.3	<1.0	<1.0	<1.0	130	<1.0	52
	10/10/2012	<5.0	12	23	<1.0	31	1.2	<1.0	<1.0	<1.0	120	<1.0	57
	5/20/2013	<5.0	9.4	16	<1.0	23	9.4	<1.0	<1.0	<1.0	98	<1.0	100
	11/5/2013	<5.0	7.7	16	<1.0	28	<1.0	<1.0	<1.0	<1.0	77	<1.0	58
	5/19/2014	<5.0	7.4	12	<1.0	21	<1.0	<1.0	<1.0	<1.0	70	<1.0	63
11/12/2014	<5.0	9.2	12	<1.0	19	<1.0	<1.0	<1.0	<1.0	91	<1.0	58	
DUP-01 (MW-33s)	11/18/2010	<5.0	<5.0	14	<1.0	23	<1.0	<1.0	1.2	<1.0	150	<1.0	55
MW-34s (23-28') Depth to Groundwater Approx. 23 - 25'	9/17/2010	<100	<100	<20	<20	<20	<20	1,600	<20	1,100	<20	<20	
	11/18/2010	<100	<100	<20	<20	<20	<20	1,600	<20	1,200	<20	<20	
	12/28/2010	<50	<50	<10	13	<10	<10	1,400	<10	1,000	<10	<10	
	2/25/2011	<50	<50	<10	<10	<10	<10	1,100	<10	900	<10	<10	
	5/10/2011 ⁽⁴⁾	<50	<50	<10	<10	<10	<10	1,200	<10	970	<10	<10	
	7/28/2011	<50	<50	<10	<10	<10	<10	1,300	<10	1,100	<10	<10	
	10/6/2011	<50	<50	<10	<10	<10	<10	1,200	<10	1,000	<10	<10	
	1/10/2012	<50	<50	<10	14	<10	<10	1,500	<10	1,100	<10	<10	
	4/4/2012	<50	<50	<10	<10	<10	<10	1,400	<10	1,200	<10	<10	
	7/11/2012	<50	<50	<10	<10	<10	<10	1,400	<10	1,100	<10	<10	
	10/10/2012	<50	<50	<10	<10	<10	<10	1,400	<10	1,100	<10	<10	
	5/20/2013	<50	<50	<10	<10	<10	<10	720	<10	730	<10	<10	
	11/12/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	490	<5.0	450	<5.0	<5.0	
	5/19/2014	<25	<25	<5.0	5.6	<5.0	<5.0	690	<5.0	730	<5.0	<5.0	
11/26/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	690	<5.0	730	<5.0	<5.0		
DUP-01 (MW-34s)	5/20/2013	<50	<50	<10	<10	<10	<10	730	<10	730	<10	<10	
MW-34d (45-50') Depth to Groundwater Approx. 23 - 24'	5/20/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	
	11/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	
	7/16/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	
	11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

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- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
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Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
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Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
MW-35i (20.5-22.5') Depth to Groundwater Approx. 16 - 17'	10/29/2012	<250	<250	<50	94	<50	<50	<50	4,500	<50	3,000	<50
	3/27/2013	<250	<250	<50	110	<50	<50	<50	4,500	<50	2,700	<50
	6/5/2013	<250	<250	<50	160	<50	<50	<50	6,400	<50	4,300	<50
	8/29/2013	<250	<250	<50	160	<50	<50	<50	6,600	<50	4,900	<50
	11/12/2013	<250	<250	<50	190	<50	<50	<50	7,400	<50	5,100	<50
	3/28/2014	<250	<250	<50	170	<50	<50	<50	6,300	<50	4,600	<50
	5/21/2014	<250	<250	<50	140	50	<50	<50	5,300	<50	4,400	<50
	7/18/2014	<250	<250	<50	130	<50	<50	<50	5,300	<50	4,600	<50
11/20/2014	<250	<250	<50	100	<50	<50	<50	5,200	<50	4,700	<50	
MW-35d (42.5-44.5') Depth to Groundwater Approx. 15 - 16'	7/24/2012	<5.0	<5.0	<1.0	<1.0	180	53	<1.0	1.5	<1.0	20	<1.0
	10/25/2012	<5.0	<5.0	<1.0	<1.0	3.8	1.2	<1.0	<1.0	<1.0	2.2	<1.0
	3/6/2013	<5.0	<5.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	1.6	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	1.7	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	5.5	<1.0	<1.0	<1.0	<1.0	1.5	<1.0
	11/12/2013	<5.0	<5.0	<1.0	<1.0	9.1	1.1	<1.0	<1.0	<1.0	<1.0	3.3
	3/26/2014	<5.0	<5.0	<1.0	<1.0	24	3.2	<1.0	<1.0	<1.0	1.1	<1.0
	5/20/2014	<5.0	<5.0	<1.0	<1.0	22	3.0	<1.0	<1.0	<1.0	1.3	<1.0
	7/16/2014	<5.0	<5.0	<1.0	<1.0	12	1.4	<1.0	<1.0	<1.0	1.2	<1.0
11/13/2014	<5.0	<5.0	<1.0	<1.0	17	2.1	<1.0	<1.0	<1.0	1.1	<1.0	
MW-36s (16.5-21.5') Depth to Groundwater Approx. 16 - 17'	4/3/2013	<12	19	15	2.7	140	18	<2.5	35	2.9	260	<2.5
	5/31/2013	<12	20	14	2.6	150	18	<2.5	29	<2.5	280	<2.5
	8/29/2013	<12	15	16	2.9	160	20	<2.5	30	<2.5	370	<2.5
	11/8/2013	<12	21	20	3.0	200	22	<2.5	32	<2.5	440	<2.5
	3/27/2014	<25	<25	15	<5.0	130	15	<5.0	21	<5.0	430	<5.0
	5/15/2014	<25	<25	15	<5.0	120	16	<5.0	22	<5.0	370	<5.0
	7/18/2014	<25	<25	14	<5.0	120	15	<5.0	18	<5.0	410	<5.0
11/25/2014	<25	28	18	<5.0	150	19	<5.0	20	<5.0	540	<5.0	
MW-36d (31-36') Depth to Groundwater Approx. 16 - 17'	4/2/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/28/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/26/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/15/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/13/2014	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-37s (25.5-30.5') Depth to Groundwater Approx. 25 - 26'	4/3/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	570	<5.0
	6/3/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	580	<5.0
	8/29/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	580	<5.0
	11/11/2013	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	5.6	<5.0	640	<5.0
	3/27/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	550	<5.0
	5/16/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	5.6	<5.0	610	<5.0
	7/18/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	610	<5.0
	11/26/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	740	<5.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

ug/L = micrograms per liter; NC = No criteria; NA = Not analyzed

Bold font denotes concentrations detected above laboratory reporting limits

Green shading denotes concentrations above one or more criteria

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 5
 Summary of Detected Volatile Organic Compounds at Compliance Monitoring Well Locations
 Former Tecumseh Products Company Site
 Tecumseh, Michigan

Analyte	2-Butanone ⁽²⁾	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene ⁽²⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichloro-fluoromethane	Vinyl Chloride
Residential DW Criteria	13,000	430	880	7.0	70	100	5.0	200	5.0	5.0	2,600	2.0
Non-Residential DW Criteria	38,000	1,700	2,500	7.0	70	100	5.0	200	5.0	5.0	7,300	2.0
GSI Criteria	2,200	1,100 ⁽¹⁾	740	130	620	1,500 ⁽¹⁾	60 ⁽¹⁾	89	330 ⁽¹⁾	200 ⁽¹⁾	NC	13 ⁽¹⁾
Residential GWSLs for Vapor Intrusion	4.3E+06	44,000	4,300	370	83	360	94	17,000	96	10	28,000	2.8
Non-Residential GWSLs for Vapor Intrusion	1.8E+07	1.8E+05	18,000	1,600	350	1,500	460	71,000	480	41	1.2E+05	52
Groundwater Contact Criteria	2.4E+08	4.4E+05	2.4E+06	11,000	2.0E+05	2.2E+05	12,000	1.3E+06	21,000	13,000 ⁽³⁾	1.1E+06	1,000
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
SS-09s (23-28') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<50	<50	<10	<10	<10	<10	11	790	<10	560	<10
	5/20/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	13	370	<5.0	330	<5.0
	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	13	600	<5.0	470	<5.0
	11/21/2014	<25	<25	<5.0	6.8	<5.0	<5.0	21	820	<5.0	560	<5.0
DUP-04 (SS-09s)	5/20/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	13	380	<5.0	330	<5.0
DUP-02 (SS-09s)	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	13	550	<5.0	430	<5.0
SS-09i (34-39') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<50	<5.0	8.0	<1.0	37	5.4	<1.0	2.6	<1.0	<1.0	<1.0
	5/20/2014	<5.0	<5.0	7.1	<1.0	32	5.3	<1.0	2.2	<1.0	<1.0	<1.0
	7/17/2014	<5.0	<5.0	6.6	<1.0	30	4.6	<1.0	3.8	<1.0	2.5	<1.0
	11/21/2014	<5.0	<5.0	6.9	<1.0	29	4.9	<1.0	5.2	<1.0	3.9	<1.0
SS-10s (22.5-27.5') Depth to Groundwater Approx. '	8/2/2012	<50	<50	<10	<10	<10	<10	<10	160	<10	770	<10
	5/21/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	80	<5.0	570	<5.0
	7/17/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	83	<5.0	640	<5.0
	12/1/2014	<25	<25	<5.0	<5.0	<5.0	<5.0	<5.0	110	<5.0	780	<5.0
SS-10i (33-38') Depth to Groundwater Approx. 23 - 25'	8/2/2012	<5.0	<5.0	8.2	<1.0	24	1.7	<1.0	<1.0	<1.0	78	<1.0
	5/21/2014	<5.0	<5.0	7.2	<1.0	25	1.9	<1.0	<1.0	<1.0	54	<1.0
	7/17/2014	<5.0	<5.0	7.0	<1.0	24	1.7	<1.0	<1.0	<1.0	52	<1.0
	12/1/2014	<5.0	<5.0	6.6	<1.0	24	1.9	<1.0	<1.0	<1.0	57	<1.0
SS-10d (50-55') Depth to Groundwater Approx. 23 - 25'	8/3/2012	<5.0	<5.0	<1.0	<1.0	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/21/2014	<5.0	<5.0	<1.0	<1.0	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/17/2014	<5.0	<5.0	<1.0	<1.0	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/13/2014	<5.0	<5.0	<1.0	<1.0	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

Health-Based Residential and Non-Residential Drinking Water (DW) Criteria and Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Groundwater Contact (GC) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, September 28, 2012. Groundwater Screening Levels (GWSLs) for Vapor Intrusion were taken from the MDEQ Guidance Document for the Vapor Intrusion Pathway, May 2013.

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

* An asterisk indicates that the depth to groundwater intersects or may periodically intersect an overlying clay unit. The depth to the bottom of the upper clay unit is approximately 7.0 feet below ground surface (ft bgs) at MW-09s, 8.0 ft bgs at MW-20s (based on boring log for nearby soil boring B-29), 15.0 ft bgs at MW-23, 9.0 ft bgs at MW-27s, 20.5 ft bgs at MW-29d, and 14.0 ft bgs at MW-30s and MW-30d.

- 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) At the request of USEPA, a site-specific groundwater contact criteria for trichloroethene (TCE) was recalculated to reflect revised TCE toxicity data which was published by USEPA on September 28, 2011.
- 4) The average temperature in this sample shipment exceeded the recommended temperature range. Sample results are approximate.
- 5) Quality control results for trichloroethene are outside the established control limits, the result is approximate.
- 6) Headspace present in the sample, results are approximate.

Table 6
 Summary of Chlorinated Volatile Organic Compounds at Surface Water Sample Locations
 Tecumseh Products Company
 Tecumseh, Michigan

Analyte	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene ⁽¹⁾	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl Chloride
GSI Criteria	740	360 ⁽²⁾	130	620	1,500 ⁽²⁾	60 ⁽²⁾	89	200 ⁽²⁾	13 ⁽²⁾
Human Non-Cancer Value (Non-Drink)	400,000	420,000	33,000	36,000	19,000	1,800	1,300,000	550	4,400
Human Cancer Value (Non-Drink)	NC	360	NC	NC	NC	60	NC	370	13
Final Chronic Value	740	2,000	130	620	1,500	190	89	200	930
Aquatic Maximum Value	6,600	8,200	1,200	5,500	14,000	1,400	800	1,800	8,400
Final Acute Value	13,000	16,000	2,300	11,000	28,000	2,900	1,600	3,500	17,000
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SEEP	4/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/10/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/12/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/12/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
WL-01	4/6/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/18/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/8/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/10/2010 ⁽³⁾	--	--	--	--	--	--	--	--
	2/25/2011 ⁽³⁾	--	--	--	--	--	--	--	--
	5/11/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/5/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/2/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	7/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	10/3/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/29/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	

Notes:

Groundwater/Surface Water Interface (GSI) Criteria from MDEQ RRD Part 201 Generic Cleanup Criteria/Part 213 Risk Based Cleanup Levels, December 30, 2013. Human Non-Cancer Values (HNV), Human Cancer Values (HCV), Final Chronic Values (FCV), Aquatic Maximum Values (AMV) and Final Acute Values (FAV) from MDEQ Surface Water Assessment Rule 57 Water Quality Values, September 7, 2012.

ug/L = micrograms per liter

NC = No criteria

-- = No data

Bold font denotes concentrations detected above laboratory reporting limits

Denotes concentrations above one or more criteria

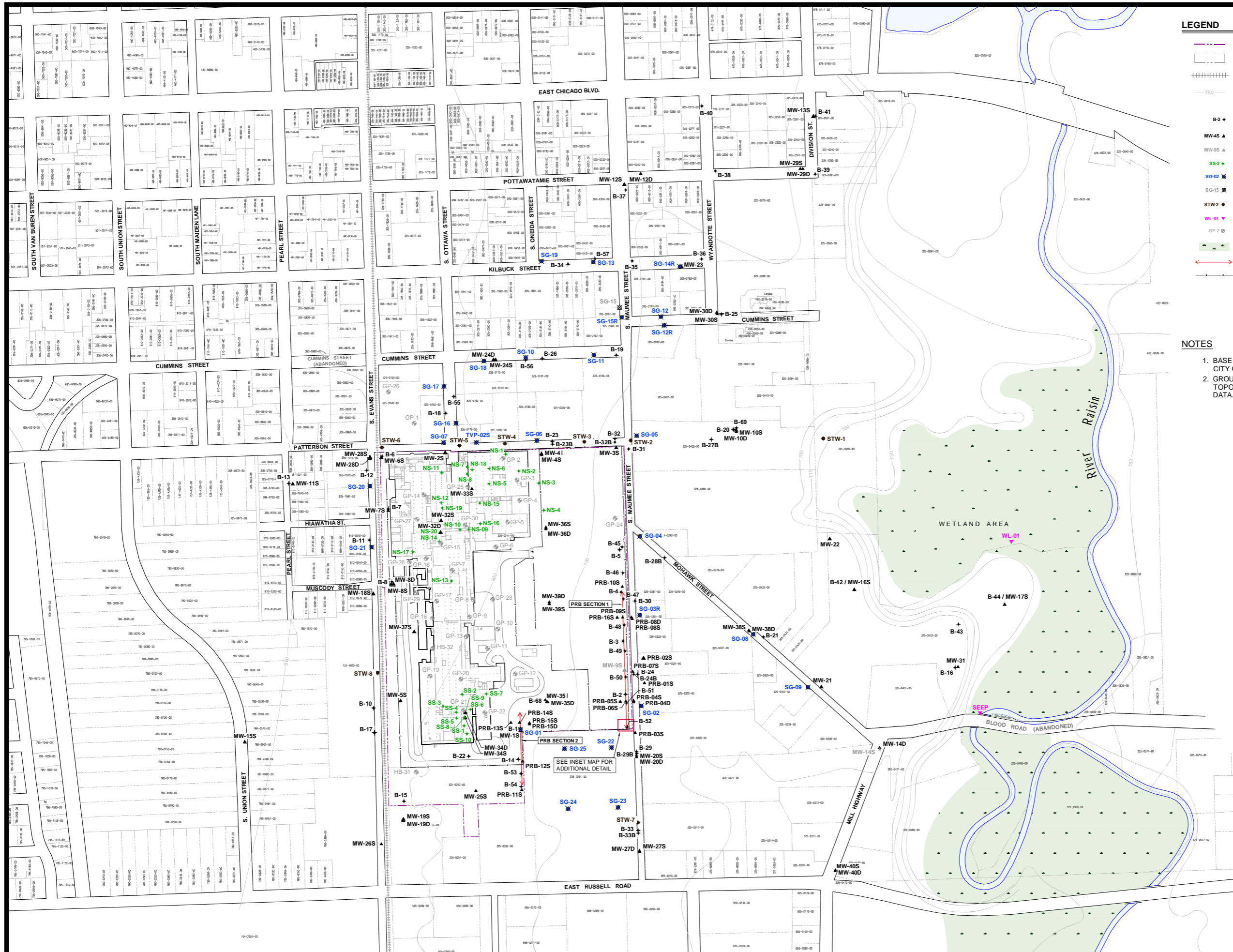
1) Compound may exhibit characteristic ignitability as defined in 40 C.F.R. § 261.21.

2) 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.

3) Frozen, no sample collected.

Technical Memorandum

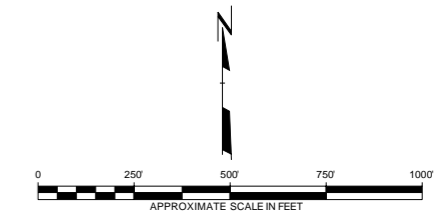
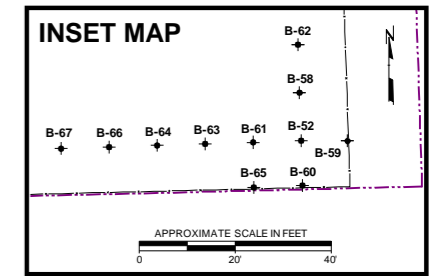
Figures



LEGEND

- FORMER TECUMSEH PRODUCTS SITE BOUNDARY
- PARCEL BOUNDARY
- RAILROAD TRACKS (APPROXIMATE LOCATION)
- APPROXIMATE GROUND TOPOGRAPHY BASED OFF 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP
- PERIMETER / OFF-SITE INVESTIGATION SOIL BORING LOCATION AND NUMBER
- MONITORING WELL LOCATION AND NUMBER
- DECOMMISSIONED MONITORING WELL LOCATION AND NUMBER
- SOURCE AREA INVESTIGATION BORING LOCATION AND NUMBER
- SOIL GAS SAMPLE LOCATION AND NUMBER
- DECOMMISSIONED SOIL GAS SAMPLE LOCATION AND NUMBER
- STORM WATER SEWER SAMPLE LOCATION AND NUMBER
- APPROXIMATE SURFACE WATER SAMPLE LOCATION
- ATC PHASE II ESA BORING LOCATION AND NUMBER
- FLOODPLAIN / WOODED WETLAND AREA
- PRB LOCATION
- FENCE 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.



3					
2					
1	DGS	02/19/13	REVISED INVESTIGATION LOCATIONS		SEM
NO	BY	DATE	REVISION		APPTD.
FORMER TECUMSEH PRODUCTS SITE TECUMSEH, MICHIGAN					
SITE LAYOUT AND SAMPLE LOCATIONS					
DRAWN BY:		DGS	SCALE:	PROJ. NO.:	004304.0001.02
CHECKED BY:		SEM	AS INDICATED	FILE NO.:	004904.0001.02.01.dwg
APPROVED BY:		GC	DATE PRINTED:		
DATE:		JANUARY 2015	FIGURE 1		
			1540 Eisenhower Place Ann Arbor, MI 48108 Phone: 734.971.7080 Fax: 734.971.9022		

J:\TRC\Tecumseh Products\Tecumseh MICHIGAN\004304\0001\02\01.dwg
 Drawing Name: STABLE.DWG
 Drawing Path: C:\Users\jg...
 Date: 01/15/2015 10:15 AM
 Plot Date: January 15, 2015
 Plot Time: 8:15 AM
 Plot Size: 11x17
 Plot Scale: 1:1
 Plot Orientation: Landscape
 Plot Title: 01.dwg

Technical Memorandum

Attachment 1 Analytical Data

December 17, 2014

TRC Companies. - Ann Arbor Office
Attn: Ms. Stacy Metz
1540 Eisenhower Place
Ann Arbor, MI 48108

Project: Tecumseh Products Groundwater

Dear Ms. Stacy Metz,

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

Work Order	Received	Description
1411277	11/13/2014	Laboratory Services
1411374	11/20/2014	Laboratory Services
1411467	11/25/2014	Laboratory Services
1412068	12/02/2014	Laboratory Services

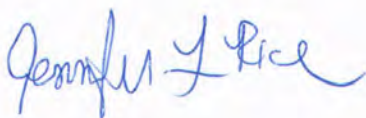
This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ACCLASS DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#E87622-24); Georgia EPD (#E87622-24); Illinois DEP (#200026/003329); Kansas DPH (#E-10302); Kentucky DEP (#0021); Louisiana DEP (#103068); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/48855); North Carolina DNRE (#659); Texas CEQ (#T104704495-14-4); Virginia DCLS (#460153/2592); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-12-00236).

Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents 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

PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.

STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B

Qualification: The LCS recovery exceeded the upper control limit. Positive results for this analyte in all samples in the associated QC batch are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:	1411374-11	MW-40s	Trichloroethene
	1411374-12	MW-40d	Trichloroethene
	1411374-14	MW-27d	Trichloroethene
	1411374-15	MW-24s	Trichloroethene
	1411374-16	MW-24d	Trichloroethene
	1411374-17	MW-28s	Trichloroethene
	1411374-18	MW-28d	Trichloroethene
	1411374-19	MW-30s	Trichloroethene
	1411374-20	MW-30d	Trichloroethene
	1411374-21	MW-12d	Trichloroethene
	1411374-22	MW-12s	Trichloroethene

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:	1411277-06	EB-01	1,2,3-Trichlorobenzene
	1411277-06	EB-01	2-Methylnaphthalene
	1411277-06	EB-01	Acrylonitrile
	1411277-06	EB-01	Methyl tert-Butyl Ether
	1411277-06	EB-01	Naphthalene
	1411277-06	EB-01	Tetrahydrofuran
	1411277-07	Seep	1,2,3-Trichlorobenzene
	1411277-07	Seep	2-Methylnaphthalene
	1411277-07	Seep	Acrylonitrile
	1411277-07	Seep	Methyl tert-Butyl Ether
	1411277-07	Seep	Naphthalene
	1411277-07	Seep	Tetrahydrofuran
	1411277-08	MW-32d	1,2,3-Trichlorobenzene
	1411277-08	MW-32d	2-Methylnaphthalene
	1411277-08	MW-32d	Acrylonitrile
	1411277-08	MW-32d	Methyl tert-Butyl Ether
	1411277-08	MW-32d	Naphthalene
	1411277-08	MW-32d	Tetrahydrofuran
	1411277-09	DUP-01	1,2,3-Trichlorobenzene
	1411277-09	DUP-01	2-Methylnaphthalene
	1411277-09	DUP-01	Acrylonitrile
	1411277-09	DUP-01	Methyl tert-Butyl Ether
	1411277-09	DUP-01	Naphthalene
	1411277-09	DUP-01	Tetrahydrofuran
	1411277-10	NS-19d	1,2,3-Trichlorobenzene
	1411277-10	NS-19d	2-Methylnaphthalene
	1411277-10	NS-19d	Acrylonitrile
	1411277-10	NS-19d	Methyl tert-Butyl Ether
	1411277-10	NS-19d	Naphthalene
	1411277-10	NS-19d	Tetrahydrofuran
	1411277-11	NS-18d	1,2,3-Trichlorobenzene
	1411277-11	NS-18d	2-Methylnaphthalene

STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:	1411277-11	NS-18d	Acrylonitrile
	1411277-11	NS-18d	Methyl tert-Butyl Ether
	1411277-11	NS-18d	Naphthalene
	1411277-11	NS-18d	Tetrahydrofuran
	1411277-12	NS-18i	1,2,3-Trichlorobenzene
	1411277-12	NS-18i	2-Methylnaphthalene
	1411277-12	NS-18i	Acrylonitrile
	1411277-12	NS-18i	Methyl tert-Butyl Ether
	1411277-12	NS-18i	Naphthalene
	1411277-12	NS-18i	Tetrahydrofuran
	1411277-13	NS-18s	1,2,3-Trichlorobenzene
	1411277-13	NS-18s	2-Methylnaphthalene
	1411277-13	NS-18s	Acrylonitrile
	1411277-13	NS-18s	Methyl tert-Butyl Ether
	1411277-13	NS-18s	Naphthalene
	1411277-13	NS-18s	Tetrahydrofuran
	1411277-14	NS-20s	1,2,3-Trichlorobenzene
	1411277-14	NS-20s	2-Methylnaphthalene
	1411277-14	NS-20s	Acrylonitrile
	1411277-14	NS-20s	Methyl tert-Butyl Ether
	1411277-14	NS-20s	Naphthalene
	1411277-14	NS-20s	Tetrahydrofuran
	1411277-15	NS-20i	1,2,3-Trichlorobenzene
	1411277-15	NS-20i	2-Methylnaphthalene
	1411277-15	NS-20i	Acrylonitrile
	1411277-15	NS-20i	Methyl tert-Butyl Ether
	1411277-15	NS-20i	Naphthalene
	1411277-15	NS-20i	Tetrahydrofuran
	1411277-16	MW-33s	1,2,3-Trichlorobenzene
	1411277-16	MW-33s	2-Methylnaphthalene
	1411277-16	MW-33s	Acrylonitrile
	1411277-16	MW-33s	Methyl tert-Butyl Ether
	1411277-16	MW-33s	Naphthalene
	1411277-16	MW-33s	Tetrahydrofuran
	1411277-17	MW-32s	1,2,3-Trichlorobenzene
	1411277-17	MW-32s	2-Methylnaphthalene
	1411277-17	MW-32s	Acrylonitrile
	1411277-17	MW-32s	Methyl tert-Butyl Ether
	1411277-17	MW-32s	Naphthalene
	1411277-17	MW-32s	Tetrahydrofuran
	1411374-01	NS-19s	2-Methylnaphthalene
	1411374-01	NS-19s	Bromomethane
	1411374-02	NS-19i	2-Methylnaphthalene
	1411374-02	NS-19i	Bromomethane
	1411374-03	TB-02	2-Methylnaphthalene
	1411374-03	TB-02	Bromomethane
	1411374-04	EB-02	2-Methylnaphthalene
	1411374-04	EB-02	Bromomethane
	1411374-05	MW-35d	2-Methylnaphthalene

STATEMENT OF DATA QUALIFICATIONS
Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:	1411374-05	MW-35d	Bromomethane
	1411374-06	MW-34d	2-Methylnaphthalene
	1411374-06	MW-34d	Bromomethane
	1411374-07	SS-10d	2-Methylnaphthalene
	1411374-07	SS-10d	Bromomethane
	1411374-08	MW-36d	2-Methylnaphthalene
	1411374-08	MW-36d	Bromomethane
	1411374-09	MW-39d	2-Methylnaphthalene
	1411374-09	MW-39d	Bromomethane
	1411374-10	MW-8d	2-Methylnaphthalene
	1411374-10	MW-8d	Bromomethane
	1411374-11	MW-40s	2-Methylnaphthalene
	1411374-11	MW-40s	Bromomethane
	1411374-11	MW-40s	Trichloroethene
	1411374-12	MW-40d	2-Methylnaphthalene
	1411374-12	MW-40d	Bromomethane
	1411374-12	MW-40d	Trichloroethene
	1411374-13	MW-27s	2-Methylnaphthalene
	1411374-13	MW-27s	Chloroethane
	1411374-14	MW-27d	2-Methylnaphthalene
	1411374-14	MW-27d	Bromomethane
	1411374-14	MW-27d	Trichloroethene
	1411374-15	MW-24s	2-Methylnaphthalene
	1411374-15	MW-24s	Bromomethane
	1411374-15	MW-24s	Trichloroethene
	1411374-16	MW-24d	2-Methylnaphthalene
	1411374-16	MW-24d	Bromomethane
	1411374-16	MW-24d	Trichloroethene
	1411374-17	MW-28s	2-Methylnaphthalene
	1411374-17	MW-28s	Bromomethane
	1411374-17	MW-28s	Trichloroethene
	1411374-18	MW-28d	2-Methylnaphthalene
	1411374-18	MW-28d	Bromomethane
	1411374-18	MW-28d	Trichloroethene
	1411374-19	MW-30s	2-Methylnaphthalene
	1411374-19	MW-30s	Bromomethane
	1411374-19	MW-30s	Trichloroethene
	1411374-20	MW-30d	2-Methylnaphthalene
	1411374-20	MW-30d	Bromomethane
	1411374-20	MW-30d	Trichloroethene
	1411374-21	MW-12d	2-Methylnaphthalene
	1411374-21	MW-12d	Bromomethane
	1411374-21	MW-12d	Trichloroethene
	1411374-22	MW-12s	2-Methylnaphthalene
	1411374-22	MW-12s	Bromomethane
	1411374-22	MW-12s	Trichloroethene
	1412068-13	MW-23	Carbon Tetrachloride
	1412068-13	MW-23	Trichlorofluoromethane
	1412068-15	MW-20d	Carbon Tetrachloride

STATEMENT OF DATA QUALIFICATIONS
Volatile Organic Compounds by EPA Method 8260B (Continued)

Qualification: The corresponding CCV for this analytical batch had a recovery exceeding the upper control limit of the method. A positive result for this analyte in any associated samples are considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8260B

Sample/Analyte:	1412068-15	MW-20d	Trichlorofluoromethane
	1412068-16	MW-38s	Carbon Tetrachloride
	1412068-16	MW-38s	Trichlorofluoromethane
	1412068-17	MW-1s	Carbon Tetrachloride
	1412068-17	MW-1s	Trichlorofluoromethane
	1412068-18	MW-34s	Carbon Tetrachloride
	1412068-18	MW-34s	Trichlorofluoromethane
	1412068-19	MW-37s	Carbon Tetrachloride
	1412068-19	MW-37s	Trichlorofluoromethane
	1412068-20	MW-39s	Carbon Tetrachloride
	1412068-20	MW-39s	Trichlorofluoromethane
	1412068-21	MW-3s	Carbon Tetrachloride
	1412068-21	MW-3s	Trichlorofluoromethane
	1412068-22	EB-03	Carbon Tetrachloride
	1412068-22	EB-03	Trichlorofluoromethane
	1412068-23	MW-4s	Carbon Tetrachloride
	1412068-23	MW-4s	Trichlorofluoromethane
	1412068-24	MW-4i	Carbon Tetrachloride
	1412068-24	MW-4i	Trichlorofluoromethane
	1412068-25	MW-2s	Carbon Tetrachloride
	1412068-25	MW-2s	Trichlorofluoromethane
	1412068-26	Dup-04	1,1,1-Trichloroethane
	1412068-26	Dup-04	Bromoform
	1412068-26	Dup-04	Bromomethane
	1412068-26	Dup-04	Carbon Tetrachloride
	1412068-27	MW-21	Carbon Tetrachloride
	1412068-27	MW-21	Trichlorofluoromethane
	1412068-28	TB-01	Carbon Tetrachloride
	1412068-28	TB-01	Trichlorofluoromethane
	1412068-29	SS-10s	Carbon Tetrachloride
	1412068-29	SS-10s	Trichlorofluoromethane
	1412068-30	SS-10i	Carbon Tetrachloride
	1412068-30	SS-10i	Trichlorofluoromethane

Qualification: The corresponding CCV for this analytical batch had a recovery below the lower control limit of the method. Positive results for this analyte in any associated samples are considered estimated; non-detectable results are considered approximate.

Analysis: USEPA-8260B

Sample/Analyte:	1411277-01	MW-17s	Iodomethane
	1411277-02	WL-01	Iodomethane
	1411277-03	MW-31	Iodomethane
	1411277-04	Trip Blank	Iodomethane
	1411277-05	MW-22	Iodomethane

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-17s	Sampled: 11/11/14 10:17
Lab Sample ID: 1411277-01	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 1	Analyzed: 11/20/14 16:41 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

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: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-17s	Sampled: 11/11/14 10:17
Lab Sample ID: 1411277-01	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 1	Analyzed: 11/20/14 16:41 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-17s	Sampled:	11/11/14 10:17
Lab Sample ID:	1411277-01	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 16:41 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>92</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>93</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>109</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: WL-01	Sampled: 11/11/14 10:27
Lab Sample ID: 1411277-02	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 1	Analyzed: 11/20/14 17:09 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	WL-01	Sampled:	11/11/14 10:27
Lab Sample ID:	1411277-02	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 17:09 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	WL-01	Sampled:	11/11/14 10:27
Lab Sample ID:	1411277-02	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 17:09 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>95</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>92</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-31	Sampled:	11/11/14 11:45
Lab Sample ID:	1411277-03	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	2.5	Analyzed:	11/20/14 17:36 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<50	50
107-13-1	Acrylonitrile	<5.0	5.0
71-43-2	Benzene	<2.5	2.5
108-86-1	Bromobenzene	<2.5	2.5
74-97-5	Bromochloromethane	<2.5	2.5
75-27-4	Bromodichloromethane	<2.5	2.5
75-25-2	Bromoform	<2.5	2.5
74-83-9	Bromomethane	<12	12
104-51-8	n-Butylbenzene	<2.5	2.5
135-98-8	sec-Butylbenzene	<2.5	2.5
98-06-6	tert-Butylbenzene	<2.5	2.5
75-15-0	Carbon Disulfide	<2.5	2.5
56-23-5	Carbon Tetrachloride	<2.5	2.5
108-90-7	Chlorobenzene	<2.5	2.5
75-00-3	Chloroethane	<12	12
67-66-3	Chloroform	<2.5	2.5
74-87-3	Chloromethane	<12	12
96-12-8	1,2-Dibromo-3-chloropropane	<12	12
124-48-1	Dibromochloromethane	<2.5	2.5
106-93-4	1,2-Dibromoethane	<2.5	2.5
74-95-3	Dibromomethane	<2.5	2.5
110-57-6	trans-1,4-Dichloro-2-butene	<2.5	2.5
95-50-1	1,2-Dichlorobenzene	<2.5	2.5
541-73-1	1,3-Dichlorobenzene	<2.5	2.5
106-46-7	1,4-Dichlorobenzene	<2.5	2.5
75-71-8	Dichlorodifluoromethane	<12	12
75-34-3	1,1-Dichloroethane	14	2.5
107-06-2	1,2-Dichloroethane	<2.5	2.5
75-35-4	1,1-Dichloroethene	<2.5	2.5
156-59-2	cis-1,2-Dichloroethene	40	2.5
156-60-5	trans-1,2-Dichloroethene	<2.5	2.5

Continued on next page

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-31	Sampled: 11/11/14 11:45
Lab Sample ID: 1411277-03	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 2.5	Analyzed: 11/20/14 17:36 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.5	2.5
10061-01-5	cis-1,3-Dichloropropene	<2.5	2.5
10061-02-6	trans-1,3-Dichloropropene	<2.5	2.5
100-41-4	Ethylbenzene	<2.5	2.5
60-29-7	Ethyl Ether	<12	12
591-78-6	2-Hexanone	<12	12
*74-88-4	Iodomethane	<2.5	2.5
98-82-8	Isopropylbenzene	<2.5	2.5
99-87-6	4-Isopropyltoluene	<12	12
1634-04-4	Methyl tert-Butyl Ether	<12	12
75-09-2	Methylene Chloride	<12	12
78-93-3	2-Butanone (MEK)	<12	12
91-57-6	2-Methylnaphthalene	<12	12
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<12	12
103-65-1	n-Propylbenzene	<2.5	2.5
100-42-5	Styrene	<2.5	2.5
630-20-6	1,1,1,2-Tetrachloroethane	<2.5	2.5
79-34-5	1,1,2,2-Tetrachloroethane	<2.5	2.5
127-18-4	Tetrachloroethene	<2.5	2.5
109-99-9	Tetrahydrofuran	<12	12
108-88-3	Toluene	<2.5	2.5
87-61-6	1,2,3-Trichlorobenzene	<12	12
120-82-1	1,2,4-Trichlorobenzene	<12	12
71-55-6	1,1,1-Trichloroethane	22	2.5
79-00-5	1,1,2-Trichloroethane	<2.5	2.5
79-01-6	Trichloroethene	310	2.5
75-69-4	Trichlorofluoromethane	<2.5	2.5
96-18-4	1,2,3-Trichloropropane	<2.5	2.5
95-63-6	1,2,4-Trimethylbenzene	<2.5	2.5
108-67-8	1,3,5-Trimethylbenzene	<2.5	2.5

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-31	Sampled:	11/11/14 11:45
Lab Sample ID:	1411277-03	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	2.5	Analyzed:	11/20/14 17:36 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.5	2.5
179601-23-1	Xylene, Meta + Para	<5.0	5.0
95-47-6	Xylene, Ortho	<2.5	2.5
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>97</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>92</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Trip Blank	Sampled:	11/11/14 00:00
Lab Sample ID:	1411277-04	Sampled By:	TML
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 18:04 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

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: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: Trip Blank	Sampled: 11/11/14 00:00
Lab Sample ID: 1411277-04	Sampled By: TML
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 1	Analyzed: 11/20/14 18:04 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Trip Blank	Sampled:	11/11/14 00:00
Lab Sample ID:	1411277-04	Sampled By:	TML
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 18:04 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>96</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>93</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-22	Sampled:	11/11/14 12:57
Lab Sample ID:	1411277-05	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 18:31 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

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: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-22	Sampled: 11/11/14 12:57
Lab Sample ID: 1411277-05	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 08:00 By: BAG
Dilution Factor: 1	Analyzed: 11/20/14 18:31 By: BAG
QC Batch: 1413233	Analytical Batch: 4K21038

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-22	Sampled:	11/11/14 12:57
Lab Sample ID:	1411277-05	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 08:00 By: BAG
Dilution Factor:	1	Analyzed:	11/20/14 18:31 By: BAG
QC Batch:	1413233	Analytical Batch:	4K21038

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	24	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>97</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>94</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-01	Sampled: 11/11/14 13:10
Lab Sample ID: 1411277-06	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 00:55 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-01	Sampled: 11/11/14 13:10
Lab Sample ID: 1411277-06	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 00:55 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	EB-01	Sampled:	11/11/14 13:10
Lab Sample ID:	1411277-06	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 00:55 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>97</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: Seep	Sampled: 11/11/14 13:23
Lab Sample ID: 1411277-07	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 01:23 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: Seep	Sampled: 11/11/14 13:23
Lab Sample ID: 1411277-07	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 01:23 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Seep	Sampled:	11/11/14 13:23
Lab Sample ID:	1411277-07	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 01:23 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>96</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-32d	Sampled: 11/11/14 14:48
Lab Sample ID: 1411277-08	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 01:50 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	2.1	1.0
156-60-5	trans-1,2-Dichloroethene	3.2	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-32d	Sampled: 11/11/14 14:48
Lab Sample ID: 1411277-08	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 01:50 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	60	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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-32d	Sampled:	11/11/14 14:48
Lab Sample ID:	1411277-08	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 01:50 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>99</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>95</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: DUP-01	Sampled: 11/11/14 00:00
Lab Sample ID: 1411277-09	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 02:17 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	2.3	1.0
156-60-5	trans-1,2-Dichloroethene	3.4	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: DUP-01	Sampled: 11/11/14 00:00
Lab Sample ID: 1411277-09	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 02:17 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	59	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	DUP-01	Sampled:	11/11/14 00:00
Lab Sample ID:	1411277-09	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 02:17 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>94</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-19d	Sampled: 11/11/14 15:53
Lab Sample ID: 1411277-10	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 02:45 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	2.0	1.0

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-19d	Sampled: 11/11/14 15:53
Lab Sample ID: 1411277-10	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 02:45 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	24	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-19d	Sampled:	11/11/14 15:53
Lab Sample ID:	1411277-10	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 02:45 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>96</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-18d	Sampled: 11/12/14 08:20
Lab Sample ID: 1411277-11	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 2	Analyzed: 11/21/14 03:12 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	190	2.0
156-60-5	trans-1,2-Dichloroethene	31	2.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-18d	Sampled:	11/12/14 08:20
Lab Sample ID:	1411277-11	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	2	Analyzed:	11/21/14 03:12 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

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	<2.0	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	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	19	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-18d	Sampled:	11/12/14 08:20
Lab Sample ID:	1411277-11	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	2	Analyzed:	11/21/14 03:12 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	9.1	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>99</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>95</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-18i	Sampled: 11/12/14 09:18
Lab Sample ID: 1411277-12	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 20	Analyzed: 11/21/14 03:40 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	650	20
156-60-5	trans-1,2-Dichloroethene	140	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-18i	Sampled: 11/12/14 09:18
Lab Sample ID: 1411277-12	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 20	Analyzed: 11/21/14 03:40 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	<20	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	2200	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-18i	Sampled:	11/12/14 09:18
Lab Sample ID:	1411277-12	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	20	Analyzed:	11/21/14 03:40 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	25	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20

Surrogates:	% Recovery	Control Limits
<i>Dibromofluoromethane</i>	<i>101</i>	<i>85-118</i>
<i>1,2-Dichloroethane-d4</i>	<i>96</i>	<i>87-122</i>
<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-18s	Sampled: 11/12/14 10:48
Lab Sample ID: 1411277-13	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 10	Analyzed: 11/21/14 04:07 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	19	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	120	10
156-60-5	trans-1,2-Dichloroethene	11	10

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-18s	Sampled: 11/12/14 10:48
Lab Sample ID: 1411277-13	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 10	Analyzed: 11/21/14 04:07 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	14	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	1100	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-18s	Sampled:	11/12/14 10:48
Lab Sample ID:	1411277-13	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	10	Analyzed:	11/21/14 04:07 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>95</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-20s	Sampled: 11/12/14 13:22
Lab Sample ID: 1411277-14	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 20	Analyzed: 11/21/14 04:35 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	300	20
156-60-5	trans-1,2-Dichloroethene	<20	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-20s	Sampled: 11/12/14 13:22
Lab Sample ID: 1411277-14	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 20	Analyzed: 11/21/14 04:35 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	480	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	2000	20
75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-20s	Sampled:	11/12/14 13:22
Lab Sample ID:	1411277-14	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	20	Analyzed:	11/21/14 04:35 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	62	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20
Surrogates:			
		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>98</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-20i	Sampled:	11/12/14 14:23
Lab Sample ID:	1411277-15	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 05:02 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

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	11	1.0
107-06-2	1,2-Dichloroethane	<1.0	1.0
75-35-4	1,1-Dichloroethene	1.5	1.0
156-59-2	cis-1,2-Dichloroethene	12	1.0
156-60-5	trans-1,2-Dichloroethene	1.6	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-20i	Sampled: 11/12/14 14:23
Lab Sample ID: 1411277-15	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 05:02 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	18	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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-20i	Sampled:	11/12/14 14:23
Lab Sample ID:	1411277-15	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 05:02 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	52	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>102</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>96</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-33s	Sampled: 11/12/14 11:53
Lab Sample ID: 1411277-16	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 05:30 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	9.2	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	12	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	19	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-33s	Sampled: 11/12/14 11:53
Lab Sample ID: 1411277-16	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 1	Analyzed: 11/21/14 05:30 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	91	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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-33s	Sampled:	11/12/14 11:53
Lab Sample ID:	1411277-16	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	1	Analyzed:	11/21/14 05:30 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	58	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>101</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>96</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-32s	Sampled: 11/12/14 15:14
Lab Sample ID: 1411277-17	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 10	Analyzed: 11/21/14 05:57 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<200	200
*107-13-1	Acrylonitrile	<20	20
71-43-2	Benzene	<10	10
108-86-1	Bromobenzene	<10	10
74-97-5	Bromochloromethane	<10	10
75-27-4	Bromodichloromethane	<10	10
75-25-2	Bromoform	<10	10
74-83-9	Bromomethane	<50	50
104-51-8	n-Butylbenzene	<10	10
135-98-8	sec-Butylbenzene	<10	10
98-06-6	tert-Butylbenzene	<10	10
75-15-0	Carbon Disulfide	<10	10
56-23-5	Carbon Tetrachloride	<10	10
108-90-7	Chlorobenzene	<10	10
75-00-3	Chloroethane	<50	50
67-66-3	Chloroform	<10	10
74-87-3	Chloromethane	<50	50
96-12-8	1,2-Dibromo-3-chloropropane	<50	50
124-48-1	Dibromochloromethane	<10	10
106-93-4	1,2-Dibromoethane	<10	10
74-95-3	Dibromomethane	<10	10
110-57-6	trans-1,4-Dichloro-2-butene	<10	10
95-50-1	1,2-Dichlorobenzene	<10	10
541-73-1	1,3-Dichlorobenzene	<10	10
106-46-7	1,4-Dichlorobenzene	<10	10
75-71-8	Dichlorodifluoromethane	<50	50
75-34-3	1,1-Dichloroethane	<10	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	54	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411277
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-32s	Sampled: 11/12/14 15:14
Lab Sample ID: 1411277-17	Sampled By: J. Jasso, C. Gregg
Matrix: Water	Received: 11/13/14 17:40
Unit: ug/L	Prepared: 11/20/14 19:00 By: BAG
Dilution Factor: 10	Analyzed: 11/21/14 05:57 By: BAG
QC Batch: 1413235	Analytical Batch: 4K21040

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	190	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	1500	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411277
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-32s	Sampled:	11/12/14 15:14
Lab Sample ID:	1411277-17	Sampled By:	J. Jasso, C. Gregg
Matrix:	Water	Received:	11/13/14 17:40
Unit:	ug/L	Prepared:	11/20/14 19:00 By: BAG
Dilution Factor:	10	Analyzed:	11/21/14 05:57 By: BAG
QC Batch:	1413235	Analytical Batch:	4K21040

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

<i>Surrogates:</i>	<i>% Recovery</i>	<i>Control Limits</i>
<i>Dibromofluoromethane</i>	<i>100</i>	<i>85-118</i>
<i>1,2-Dichloroethane-d4</i>	<i>95</i>	<i>87-122</i>
<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-19s	Sampled: 11/13/14 07:51
Lab Sample ID: 1411374-01	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 10	Analyzed: 11/25/14 23:10 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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	45	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	31	10
156-59-2	cis-1,2-Dichloroethene	970	10
156-60-5	trans-1,2-Dichloroethene	14	10

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374	
Project: Tecumseh Products Groundwater	Description: Laboratory Services	
Client Sample ID: NS-19s	Sampled: 11/13/14 07:51	
Lab Sample ID: 1411374-01	Sampled By: J. Jasso	
Matrix: Water	Received: 11/20/14 18:30	
Unit: ug/L	Prepared: 11/25/14 13:00	By: BAG
Dilution Factor: 10	Analyzed: 11/25/14 23:10	By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008	

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	46	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	1400	10
75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-19s	Sampled:	11/13/14 07:51
Lab Sample ID:	1411374-01	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	10	Analyzed:	11/25/14 23:10 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	660	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10

<i>Surrogates:</i>	<i>% Recovery</i>	<i>Control Limits</i>
<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-19i	Sampled:	11/13/14 08:30
Lab Sample ID:	1411374-02	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	5	Analyzed:	11/25/14 23:37 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
*74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	75	5.0
156-60-5	trans-1,2-Dichloroethene	20	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: NS-19i	Sampled: 11/13/14 08:30
Lab Sample ID: 1411374-02	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 5	Analyzed: 11/25/14 23:37 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
*91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	<5.0	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	510	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	NS-19i	Sampled:	11/13/14 08:30
Lab Sample ID:	1411374-02	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	5	Analyzed:	11/25/14 23:37 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>102</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: TB-02	Sampled: 11/19/14 00:00
Lab Sample ID: 1411374-03	Sampled By: TML
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 16:44 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: TB-02	Sampled: 11/19/14 00:00
Lab Sample ID: 1411374-03	Sampled By: TML
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 16:44 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	TB-02	Sampled:	11/19/14 00:00
Lab Sample ID:	1411374-03	Sampled By:	TML
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 16:44 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-02	Sampled: 11/13/14 08:59
Lab Sample ID: 1411374-04	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 16:17 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-02	Sampled: 11/13/14 08:59
Lab Sample ID: 1411374-04	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 16:17 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	EB-02	Sampled:	11/13/14 08:59
Lab Sample ID:	1411374-04	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 16:17 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-35d	Sampled: 11/13/14 09:46
Lab Sample ID: 1411374-05	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 17:12 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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	17	1.0
156-60-5	trans-1,2-Dichloroethene	2.1	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-35d	Sampled: 11/13/14 09:46
Lab Sample ID: 1411374-05	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 17:12 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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	1.1	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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-35d	Sampled:	11/13/14 09:46
Lab Sample ID:	1411374-05	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 17:12 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	40	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-34d	Sampled: 11/13/14 10:37
Lab Sample ID: 1411374-06	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 17:39 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-34d	Sampled: 11/13/14 10:37
Lab Sample ID: 1411374-06	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 17:39 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-34d	Sampled:	11/13/14 10:37
Lab Sample ID:	1411374-06	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 17:39 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

<i>Surrogates:</i>	<i>% Recovery</i>	<i>Control Limits</i>
<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-10d	Sampled: 11/13/14 11:39
Lab Sample ID: 1411374-07	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 18:07 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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	18	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-10d	Sampled: 11/13/14 11:39
Lab Sample ID: 1411374-07	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 18:07 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-10d	Sampled:	11/13/14 11:39
Lab Sample ID:	1411374-07	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 18:07 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-36d	Sampled: 11/13/14 13:07
Lab Sample ID: 1411374-08	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 18:34 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-36d	Sampled: 11/13/14 13:07
Lab Sample ID: 1411374-08	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 18:34 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-36d	Sampled:	11/13/14 13:07
Lab Sample ID:	1411374-08	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 18:34 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-39d	Sampled: 11/13/14 14:45
Lab Sample ID: 1411374-09	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 19:02 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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	3.4	1.0
156-60-5	trans-1,2-Dichloroethene	2.3	1.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-39d	Sampled: 11/13/14 14:45
Lab Sample ID: 1411374-09	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 19:02 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-39d	Sampled:	11/13/14 14:45
Lab Sample ID:	1411374-09	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 19:02 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>102</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-8d	Sampled: 11/13/14 15:33
Lab Sample ID: 1411374-10	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/25/14 19:29 By: BAG
QC Batch: 1413413	Analytical Batch: 4K26008

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-8d	Sampled:	11/13/14 15:33
Lab Sample ID:	1411374-10	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 19:29 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-8d	Sampled:	11/13/14 15:33
Lab Sample ID:	1411374-10	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/25/14 19:29 By: BAG
QC Batch:	1413413	Analytical Batch:	4K26008

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-40s	Sampled: 11/17/14 09:00
Lab Sample ID: 1411374-11	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 04:13 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-40s	Sampled:	11/17/14 09:00
Lab Sample ID:	1411374-11	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 04:13 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-40s	Sampled:	11/17/14 09:00
Lab Sample ID:	1411374-11	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 04:13 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-40d	Sampled: 11/17/14 10:34
Lab Sample ID: 1411374-12	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 04:40 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-40d	Sampled: 11/17/14 10:34
Lab Sample ID: 1411374-12	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 04:40 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-40d	Sampled:	11/17/14 10:34
Lab Sample ID:	1411374-12	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 04:40 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>102</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-27s	Sampled:	11/17/14 12:29
Lab Sample ID:	1411374-13	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/26/14 09:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 14:27 By: BAG
QC Batch:	1413483	Analytical Batch:	4L01007

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-27s	Sampled: 11/17/14 12:29
Lab Sample ID: 1411374-13	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/26/14 09:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 14:27 By: BAG
QC Batch: 1413483	Analytical Batch: 4L01007

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	1.1	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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-27s	Sampled:	11/17/14 12:29
Lab Sample ID:	1411374-13	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/26/14 09:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 14:27 By: BAG
QC Batch:	1413483	Analytical Batch:	4L01007

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>107</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-27d	Sampled: 11/17/14 14:50
Lab Sample ID: 1411374-14	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 05:36 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-27d	Sampled: 11/17/14 14:50
Lab Sample ID: 1411374-14	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 05:36 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-27d	Sampled:	11/17/14 14:50
Lab Sample ID:	1411374-14	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 05:36 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-24s	Sampled: 11/17/14 16:07
Lab Sample ID: 1411374-15	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 06:03 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-24s	Sampled: 11/17/14 16:07
Lab Sample ID: 1411374-15	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 06:03 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-24s	Sampled:	11/17/14 16:07
Lab Sample ID:	1411374-15	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 06:03 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-24d	Sampled: 11/17/14 17:16
Lab Sample ID: 1411374-16	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 06:31 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-24d	Sampled: 11/17/14 17:16
Lab Sample ID: 1411374-16	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 06:31 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-24d	Sampled:	11/17/14 17:16
Lab Sample ID:	1411374-16	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 06:31 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-28s	Sampled: 11/19/14 08:08
Lab Sample ID: 1411374-17	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 06:58 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-28s	Sampled:	11/19/14 08:08
Lab Sample ID:	1411374-17	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 06:58 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-28s	Sampled:	11/19/14 08:08
Lab Sample ID:	1411374-17	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 06:58 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>106</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-28d	Sampled: 11/19/14 09:32
Lab Sample ID: 1411374-18	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 07:26 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-28d	Sampled: 11/19/14 09:32
Lab Sample ID: 1411374-18	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 07:26 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-28d	Sampled:	11/19/14 09:32
Lab Sample ID:	1411374-18	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 07:26 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>106</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-30s	Sampled: 11/19/14 11:20
Lab Sample ID: 1411374-19	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 07:53 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-30s	Sampled: 11/19/14 11:20
Lab Sample ID: 1411374-19	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 07:53 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-30s	Sampled:	11/19/14 11:20
Lab Sample ID:	1411374-19	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 07:53 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-30d	Sampled: 11/19/14 12:33
Lab Sample ID: 1411374-20	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 08:21 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-30d	Sampled: 11/19/14 12:33
Lab Sample ID: 1411374-20	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 08:21 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-30d	Sampled:	11/19/14 12:33
Lab Sample ID:	1411374-20	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 08:21 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-12d	Sampled: 11/19/14 14:43
Lab Sample ID: 1411374-21	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 08:48 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-12d	Sampled: 11/19/14 14:43
Lab Sample ID: 1411374-21	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 08:48 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-12d	Sampled:	11/19/14 14:43
Lab Sample ID:	1411374-21	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 08:48 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-12s	Sampled: 11/19/14 16:31
Lab Sample ID: 1411374-22	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 09:16 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411374
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-12s	Sampled: 11/19/14 16:31
Lab Sample ID: 1411374-22	Sampled By: J. Jasso
Matrix: Water	Received: 11/20/14 18:30
Unit: ug/L	Prepared: 11/25/14 13:00 By: BAG
Dilution Factor: 1	Analyzed: 11/26/14 09:16 By: BAG
QC Batch: 1413430	Analytical Batch: 4K26022

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411374
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-12s	Sampled:	11/19/14 16:31
Lab Sample ID:	1411374-22	Sampled By:	J. Jasso
Matrix:	Water	Received:	11/20/14 18:30
Unit:	ug/L	Prepared:	11/25/14 13:00 By: BAG
Dilution Factor:	1	Analyzed:	11/26/14 09:16 By: BAG
QC Batch:	1413430	Analytical Batch:	4K26022

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	TB-03	Sampled:	11/20/14 00:00
Lab Sample ID:	1411467-01	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:01 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: TB-03	Sampled: 11/20/14 00:00
Lab Sample ID: 1411467-01	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 16:01 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	TB-03	Sampled:	11/20/14 00:00
Lab Sample ID:	1411467-01	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:01 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0

Surrogates:	% Recovery	Control Limits
<i>Dibromofluoromethane</i>	104	85-118
<i>1,2-Dichloroethane-d4</i>	103	87-122
<i>Toluene-d8</i>	101	85-113
<i>4-Bromofluorobenzene</i>	97	82-110

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-29d	Sampled:	11/20/14 09:15
Lab Sample ID:	1411467-02	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:29 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-29d	Sampled: 11/20/14 09:15
Lab Sample ID: 1411467-02	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 16:29 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-29d	Sampled:	11/20/14 09:15
Lab Sample ID:	1411467-02	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:29 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-29s	Sampled: 11/20/14 10:17
Lab Sample ID: 1411467-03	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 16:58 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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

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ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-29s	Sampled:	11/20/14 10:17
Lab Sample ID:	1411467-03	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:58 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-29s	Sampled:	11/20/14 10:17
Lab Sample ID:	1411467-03	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 16:58 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	DUP-02	Sampled:	11/20/14 00:00
Lab Sample ID:	1411467-04	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 17:26 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	DUP-02	Sampled:	11/20/14 00:00
Lab Sample ID:	1411467-04	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 17:26 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	DUP-02	Sampled:	11/20/14 00:00
Lab Sample ID:	1411467-04	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 17:26 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-14d	Sampled: 11/20/14 12:04
Lab Sample ID: 1411467-05	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 17:55 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-14d	Sampled:	11/20/14 12:04
Lab Sample ID:	1411467-05	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 17:55 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-14d	Sampled:	11/20/14 12:04
Lab Sample ID:	1411467-05	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 17:55 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-38d	Sampled:	11/21/14 07:54
Lab Sample ID:	1411467-06	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 18:24 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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: **TRC Companies. - Ann Arbor Office**
 Project: Tecumseh Products Groundwater
 Client Sample ID: **MW-38d**
 Lab Sample ID: **1411467-06**
 Matrix: Water
 Unit: ug/L
 Dilution Factor: 1
 QC Batch: 1413612

Work Order: **1411467**
 Description: Laboratory Services
 Sampled: 11/21/14 07:54
 Sampled By: C.Gregg
 Received: 11/25/14 18:00
 Prepared: 12/02/14 09:00 By: DLV
 Analyzed: 12/02/14 18:24 By: DLV
 Analytical Batch: 4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-38d	Sampled:	11/21/14 07:54
Lab Sample ID:	1411467-06	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 18:24 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-35i	Sampled: 11/20/14 16:16
Lab Sample ID: 1411467-07	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 50	Analyzed: 12/02/14 19:50 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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	100	50
156-59-2	cis-1,2-Dichloroethene	<50	50
156-60-5	trans-1,2-Dichloroethene	<50	50

Continued on next page

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-35i	Sampled: 11/20/14 16:16
Lab Sample ID: 1411467-07	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 50	Analyzed: 12/02/14 19:50 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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	5200	50
79-00-5	1,1,2-Trichloroethane	<50	50
79-01-6	Trichloroethene	4700	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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-35i	Sampled:	11/20/14 16:16
Lab Sample ID:	1411467-07	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	50	Analyzed:	12/02/14 19:50 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<50	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>111</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-10s	Sampled:	11/21/14 10:25
Lab Sample ID:	1411467-08	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 15:32 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-10s	Sampled: 11/21/14 10:25
Lab Sample ID: 1411467-08	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 15:32 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-10s	Sampled:	11/21/14 10:25
Lab Sample ID:	1411467-08	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 15:32 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-18s	Sampled:	11/21/14 12:11
Lab Sample ID:	1411467-09	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 18:52 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-18s	Sampled:	11/21/14 12:11
Lab Sample ID:	1411467-09	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 18:52 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-18s	Sampled:	11/21/14 12:11
Lab Sample ID:	1411467-09	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 18:52 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467	
Project: Tecumseh Products Groundwater	Description: Laboratory Services	
Client Sample ID: SS-09s	Sampled: 11/21/14 15:34	
Lab Sample ID: 1411467-10	Sampled By: C.Gregg	
Matrix: Water	Received: 11/25/14 18:00	
Unit: ug/L	Prepared: 12/02/14 09:00	By: DLV
Dilution Factor: 5	Analyzed: 12/02/14 20:18	By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006	

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	<5.0	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	6.8	5.0
156-59-2	cis-1,2-Dichloroethene	<5.0	5.0
156-60-5	trans-1,2-Dichloroethene	<5.0	5.0

Continued on next page

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-09s	Sampled: 11/21/14 15:34
Lab Sample ID: 1411467-10	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 5	Analyzed: 12/02/14 20:18 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	21	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	820	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	560	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-09s	Sampled:	11/21/14 15:34
Lab Sample ID:	1411467-10	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	5	Analyzed:	12/02/14 20:18 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>111</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1411467
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-09i	Sampled: 11/21/14 16:53
Lab Sample ID: 1411467-11	Sampled By: C.Gregg
Matrix: Water	Received: 11/25/14 18:00
Unit: ug/L	Prepared: 12/02/14 09:00 By: DLV
Dilution Factor: 1	Analyzed: 12/02/14 19:21 By: DLV
QC Batch: 1413612	Analytical Batch: 4L03006

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	6.9	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	29	1.0
156-60-5	trans-1,2-Dichloroethene	4.9	1.0

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ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-09i	Sampled:	11/21/14 16:53
Lab Sample ID:	1411467-11	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 19:21 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

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	5.2	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	3.9	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:	TRC Companies. - Ann Arbor Office	Work Order:	1411467
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-09i	Sampled:	11/21/14 16:53
Lab Sample ID:	1411467-11	Sampled By:	C.Gregg
Matrix:	Water	Received:	11/25/14 18:00
Unit:	ug/L	Prepared:	12/02/14 09:00 By: DLV
Dilution Factor:	1	Analyzed:	12/02/14 19:21 By: DLV
QC Batch:	1413612	Analytical Batch:	4L03006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-19s	Sampled: 11/24/14 13:50
Lab Sample ID: 1412068-01	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/05/14 23:32 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-19s	Sampled: 11/24/14 13:50
Lab Sample ID: 1412068-01	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/05/14 23:32 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	1.6	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	30	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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-19s	Sampled:	11/24/14 13:50
Lab Sample ID:	1412068-01	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/05/14 23:32 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: Dup-03	Sampled: 11/24/14 00:00
Lab Sample ID: 1412068-02	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 00:01 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: Dup-03	Sampled: 11/24/14 00:00
Lab Sample ID: 1412068-02	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 00:01 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	1.3	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	1.6	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

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ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Dup-03	Sampled:	11/24/14 00:00
Lab Sample ID:	1412068-02	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:01 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-6s	Sampled:	11/24/14 14:50
Lab Sample ID:	1412068-03	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:30 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-6s	Sampled:	11/24/14 14:50
Lab Sample ID:	1412068-03	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:30 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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	24	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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-6s	Sampled:	11/24/14 14:50
Lab Sample ID:	1412068-03	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:30 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-11s	Sampled:	11/24/14 15:43
Lab Sample ID:	1412068-04	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:58 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-11s	Sampled: 11/24/14 15:43
Lab Sample ID: 1412068-04	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 00:58 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-11s	Sampled:	11/24/14 15:43
Lab Sample ID:	1412068-04	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 00:58 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>103</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-19d	Sampled: 11/25/14 08:03
Lab Sample ID: 1412068-05	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 01:27 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-19d	Sampled: 11/25/14 08:03
Lab Sample ID: 1412068-05	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 01:27 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-19d	Sampled:	11/25/14 08:03
Lab Sample ID:	1412068-05	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 01:27 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>99</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>98</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>91</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-25s	Sampled: 11/25/14 08:57
Lab Sample ID: 1412068-06	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 01:55 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-25s	Sampled: 11/25/14 08:57
Lab Sample ID: 1412068-06	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 01:55 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	17	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	8.9	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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-25s	Sampled:	11/25/14 08:57
Lab Sample ID:	1412068-06	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 01:55 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-26s	Sampled: 11/25/14 09:46
Lab Sample ID: 1412068-07	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 02:24 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-26s	Sampled: 11/25/14 09:46
Lab Sample ID: 1412068-07	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 02:24 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-26s	Sampled:	11/25/14 09:46
Lab Sample ID:	1412068-07	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 02:24 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-15s	Sampled:	11/25/14 10:44
Lab Sample ID:	1412068-08	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 02:53 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-15s	Sampled:	11/25/14 10:44
Lab Sample ID:	1412068-08	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 02:53 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-15s	Sampled:	11/25/14 10:44
Lab Sample ID:	1412068-08	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 02:53 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-13s	Sampled:	11/25/14 12:22
Lab Sample ID:	1412068-09	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 03:22 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-13s	Sampled: 11/25/14 12:22
Lab Sample ID: 1412068-09	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 03:22 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-13s	Sampled:	11/25/14 12:22
Lab Sample ID:	1412068-09	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 03:22 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-7s	Sampled: 11/25/14 13:40
Lab Sample ID: 1412068-10	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 03:50 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-7s	Sampled: 11/25/14 13:40
Lab Sample ID: 1412068-10	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 03:50 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<1.0	1.0
10061-01-5	cis-1,3-Dichloropropene	<1.0	1.0
10061-02-6	trans-1,3-Dichloropropene	<1.0	1.0
100-41-4	Ethylbenzene	<1.0	1.0
60-29-7	Ethyl Ether	<5.0	5.0
591-78-6	2-Hexanone	<5.0	5.0
74-88-4	Iodomethane	<1.0	1.0
98-82-8	Isopropylbenzene	<1.0	1.0
99-87-6	4-Isopropyltoluene	<5.0	5.0
1634-04-4	Methyl tert-Butyl Ether	<5.0	5.0
75-09-2	Methylene Chloride	<5.0	5.0
78-93-3	2-Butanone (MEK)	<5.0	5.0
91-57-6	2-Methylnaphthalene	<5.0	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	<5.0	5.0
91-20-3	Naphthalene	<5.0	5.0
103-65-1	n-Propylbenzene	<1.0	1.0
100-42-5	Styrene	<1.0	1.0
630-20-6	1,1,1,2-Tetrachloroethane	<1.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	1.0
127-18-4	Tetrachloroethene	<1.0	1.0
109-99-9	Tetrahydrofuran	<5.0	5.0
108-88-3	Toluene	<1.0	1.0
87-61-6	1,2,3-Trichlorobenzene	<5.0	5.0
120-82-1	1,2,4-Trichlorobenzene	<5.0	5.0
71-55-6	1,1,1-Trichloroethane	1.2	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	15	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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-7s	Sampled:	11/25/14 13:40
Lab Sample ID:	1412068-10	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 03:50 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-5s	Sampled: 11/25/14 14:35
Lab Sample ID: 1412068-11	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 04:19 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-5s	Sampled: 11/25/14 14:35
Lab Sample ID: 1412068-11	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 04:19 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	3.5	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	110	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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-5s	Sampled:	11/25/14 14:35
Lab Sample ID:	1412068-11	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 04:19 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>104</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>105</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-36s	Sampled: 11/25/14 15:35
Lab Sample ID: 1412068-12	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 5	Analyzed: 12/06/14 04:48 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	28	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	18	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	<5.0	5.0
156-59-2	cis-1,2-Dichloroethene	150	5.0
156-60-5	trans-1,2-Dichloroethene	19	5.0

Continued on next page

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-36s	Sampled: 11/25/14 15:35
Lab Sample ID: 1412068-12	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 5	Analyzed: 12/06/14 04:48 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	20	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	540	5.0
75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

Continued on next page

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-36s	Sampled:	11/25/14 15:35
Lab Sample ID:	1412068-12	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	5	Analyzed:	12/06/14 04:48 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	25	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-23	Sampled: 11/25/14 16:28
Lab Sample ID: 1412068-13	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 11:01 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-23	Sampled: 11/25/14 16:28
Lab Sample ID: 1412068-13	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 11:01 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-23	Sampled:	11/25/14 16:28
Lab Sample ID:	1412068-13	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	1	Analyzed:	12/08/14 11:01 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	100	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>101</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-20s	Sampled: 11/26/14 16:20
Lab Sample ID: 1412068-14	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 05:16 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	7.7	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	1.2	1.0
156-60-5	trans-1,2-Dichloroethene	<1.0	1.0

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ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-20s	Sampled: 11/26/14 16:20
Lab Sample ID: 1412068-14	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/05/14 21:00 By: DLV
Dilution Factor: 1	Analyzed: 12/06/14 05:16 By: DLV
QC Batch: 1413820	Analytical Batch: 4L08006

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	120	1.0
79-00-5	1,1,2-Trichloroethane	<1.0	1.0
79-01-6	Trichloroethene	120	1.0
75-69-4	Trichlorofluoromethane	<1.0	1.0
96-18-4	1,2,3-Trichloropropane	<1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	<1.0	1.0
108-67-8	1,3,5-Trimethylbenzene	<1.0	1.0

Continued on next page

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-20s	Sampled:	11/26/14 16:20
Lab Sample ID:	1412068-14	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/05/14 21:00 By: DLV
Dilution Factor:	1	Analyzed:	12/06/14 05:16 By: DLV
QC Batch:	1413820	Analytical Batch:	4L08006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>111</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-20d	Sampled:	11/26/14 07:26
Lab Sample ID:	1412068-15	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	2	Analyzed:	12/08/14 10:32 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

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	310	2.0
156-60-5	trans-1,2-Dichloroethene	<2.0	2.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-20d	Sampled: 11/26/14 07:26
Lab Sample ID: 1412068-15	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 2	Analyzed: 12/08/14 10:32 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	<2.0	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	<2.0	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	<2.0	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-20d	Sampled:	11/26/14 07:26
Lab Sample ID:	1412068-15	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	2	Analyzed:	12/08/14 10:32 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	73	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>99</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-38s	Sampled: 11/26/14 08:28
Lab Sample ID: 1412068-16	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 2	Analyzed: 12/08/14 11:30 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	9.4	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	21	2.0
156-60-5	trans-1,2-Dichloroethene	2.4	2.0

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-38s	Sampled: 11/26/14 08:28
Lab Sample ID: 1412068-16	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 2	Analyzed: 12/08/14 11:30 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	<2.0	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	24	2.0
79-00-5	1,1,2-Trichloroethane	<2.0	2.0
79-01-6	Trichloroethene	310	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

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-38s	Sampled:	11/26/14 08:28
Lab Sample ID:	1412068-16	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	2	Analyzed:	12/08/14 11:30 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	9.3	2.0
179601-23-1	Xylene, Meta + Para	<4.0	4.0
95-47-6	Xylene, Ortho	<2.0	2.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-1s	Sampled:	11/26/14 09:28
Lab Sample ID:	1412068-17	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	20	Analyzed:	12/08/14 11:58 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

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

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-1s	Sampled: 11/26/14 09:28
Lab Sample ID: 1412068-17	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 20	Analyzed: 12/08/14 11:58 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	340	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	2000	20
*75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-1s	Sampled:	11/26/14 09:28
Lab Sample ID:	1412068-17	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	20	Analyzed:	12/08/14 11:58 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<20	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>109</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-34s	Sampled: 11/26/14 10:16
Lab Sample ID: 1412068-18	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 12:27 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B

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

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-34s	Sampled: 11/26/14 10:16
Lab Sample ID: 1412068-18	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 12:27 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	690	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	730	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-34s	Sampled:	11/26/14 10:16
Lab Sample ID:	1412068-18	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	5	Analyzed:	12/08/14 12:27 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>112</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>101</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-37s	Sampled: 11/26/14 11:04
Lab Sample ID: 1412068-19	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 12:55 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B

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

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-37s	Sampled: 11/26/14 11:04
Lab Sample ID: 1412068-19	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 12:55 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	5.4	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	740	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-37s	Sampled:	11/26/14 11:04
Lab Sample ID:	1412068-19	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	5	Analyzed:	12/08/14 12:55 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>106</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-39s	Sampled: 11/26/14 07:32
Lab Sample ID: 1412068-20	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 13:24 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<100	100
107-13-1	Acrylonitrile	<10	10
71-43-2	Benzene	<5.0	5.0
108-86-1	Bromobenzene	<5.0	5.0
74-97-5	Bromochloromethane	<5.0	5.0
75-27-4	Bromodichloromethane	<5.0	5.0
75-25-2	Bromoform	<5.0	5.0
74-83-9	Bromomethane	<25	25
104-51-8	n-Butylbenzene	<5.0	5.0
135-98-8	sec-Butylbenzene	<5.0	5.0
98-06-6	tert-Butylbenzene	<5.0	5.0
75-15-0	Carbon Disulfide	<5.0	5.0
*56-23-5	Carbon Tetrachloride	<5.0	5.0
108-90-7	Chlorobenzene	<5.0	5.0
75-00-3	Chloroethane	<25	25
67-66-3	Chloroform	<5.0	5.0
74-87-3	Chloromethane	<25	25
96-12-8	1,2-Dibromo-3-chloropropane	<25	25
124-48-1	Dibromochloromethane	<5.0	5.0
106-93-4	1,2-Dibromoethane	<5.0	5.0
74-95-3	Dibromomethane	<5.0	5.0
110-57-6	trans-1,4-Dichloro-2-butene	<5.0	5.0
95-50-1	1,2-Dichlorobenzene	<5.0	5.0
541-73-1	1,3-Dichlorobenzene	<5.0	5.0
106-46-7	1,4-Dichlorobenzene	<5.0	5.0
75-71-8	Dichlorodifluoromethane	<25	25
75-34-3	1,1-Dichloroethane	87	5.0
107-06-2	1,2-Dichloroethane	<5.0	5.0
75-35-4	1,1-Dichloroethene	21	5.0
156-59-2	cis-1,2-Dichloroethene	66	5.0
156-60-5	trans-1,2-Dichloroethene	8.2	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-39s	Sampled: 11/26/14 07:32
Lab Sample ID: 1412068-20	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 13:24 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	110	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	940	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-39s	Sampled:	11/26/14 07:32
Lab Sample ID:	1412068-20	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	5	Analyzed:	12/08/14 13:24 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>110</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-3s	Sampled: 11/26/14 08:17
Lab Sample ID: 1412068-21	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 20	Analyzed: 12/08/14 13:52 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	21	20
107-06-2	1,2-Dichloroethane	<20	20
75-35-4	1,1-Dichloroethene	<20	20
156-59-2	cis-1,2-Dichloroethene	1900	20
156-60-5	trans-1,2-Dichloroethene	130	20

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-3s	Sampled: 11/26/14 08:17
Lab Sample ID: 1412068-21	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 20	Analyzed: 12/08/14 13:52 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	<20	20
79-00-5	1,1,2-Trichloroethane	<20	20
79-01-6	Trichloroethene	<20	20
*75-69-4	Trichlorofluoromethane	<20	20
96-18-4	1,2,3-Trichloropropane	<20	20
95-63-6	1,2,4-Trimethylbenzene	<20	20
108-67-8	1,3,5-Trimethylbenzene	<20	20

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ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-3s	Sampled:	11/26/14 08:17
Lab Sample ID:	1412068-21	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	20	Analyzed:	12/08/14 13:52 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	210	20
179601-23-1	Xylene, Meta + Para	<40	40
95-47-6	Xylene, Ortho	<20	20
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-03	Sampled: 11/26/14 08:23
Lab Sample ID: 1412068-22	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 09:35 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: EB-03	Sampled: 11/26/14 08:23
Lab Sample ID: 1412068-22	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 09:35 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	EB-03	Sampled:	11/26/14 08:23
Lab Sample ID:	1412068-22	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	1	Analyzed:	12/08/14 09:35 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>100</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-4s	Sampled: 11/26/14 09:10
Lab Sample ID: 1412068-23	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 50	Analyzed: 12/08/14 14:21 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	1200	50
156-60-5	trans-1,2-Dichloroethene	<50	50

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-4s	Sampled: 11/26/14 09:10
Lab Sample ID: 1412068-23	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 50	Analyzed: 12/08/14 14:21 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	5500	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

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-4s	Sampled:	11/26/14 09:10
Lab Sample ID:	1412068-23	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	50	Analyzed:	12/08/14 14:21 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	80	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-4i	Sampled: 11/26/14 10:03
Lab Sample ID: 1412068-24	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 50	Analyzed: 12/08/14 14:50 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	3400	50
156-60-5	trans-1,2-Dichloroethene	110	50

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-4i	Sampled:	11/26/14 10:03
Lab Sample ID:	1412068-24	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	50	Analyzed:	12/08/14 14:50 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

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	5200	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

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-4i	Sampled:	11/26/14 10:03
Lab Sample ID:	1412068-24	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	50	Analyzed:	12/08/14 14:50 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	61	50
179601-23-1	Xylene, Meta + Para	<100	100
95-47-6	Xylene, Ortho	<50	50
Surrogates:			
		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-2s	Sampled: 11/26/14 10:56
Lab Sample ID: 1412068-25	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 2.5	Analyzed: 12/08/14 15:18 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<50	50
107-13-1	Acrylonitrile	<5.0	5.0
71-43-2	Benzene	<2.5	2.5
108-86-1	Bromobenzene	<2.5	2.5
74-97-5	Bromochloromethane	<2.5	2.5
75-27-4	Bromodichloromethane	<2.5	2.5
75-25-2	Bromoform	<2.5	2.5
74-83-9	Bromomethane	<12	12
104-51-8	n-Butylbenzene	<2.5	2.5
135-98-8	sec-Butylbenzene	<2.5	2.5
98-06-6	tert-Butylbenzene	<2.5	2.5
75-15-0	Carbon Disulfide	<2.5	2.5
*56-23-5	Carbon Tetrachloride	<2.5	2.5
108-90-7	Chlorobenzene	<2.5	2.5
75-00-3	Chloroethane	<12	12
67-66-3	Chloroform	<2.5	2.5
74-87-3	Chloromethane	<12	12
96-12-8	1,2-Dibromo-3-chloropropane	<12	12
124-48-1	Dibromochloromethane	<2.5	2.5
106-93-4	1,2-Dibromoethane	<2.5	2.5
74-95-3	Dibromomethane	<2.5	2.5
110-57-6	trans-1,4-Dichloro-2-butene	<2.5	2.5
95-50-1	1,2-Dichlorobenzene	<2.5	2.5
541-73-1	1,3-Dichlorobenzene	<2.5	2.5
106-46-7	1,4-Dichlorobenzene	<2.5	2.5
75-71-8	Dichlorodifluoromethane	<12	12
75-34-3	1,1-Dichloroethane	<2.5	2.5
107-06-2	1,2-Dichloroethane	<2.5	2.5
75-35-4	1,1-Dichloroethene	<2.5	2.5
156-59-2	cis-1,2-Dichloroethene	<2.5	2.5
156-60-5	trans-1,2-Dichloroethene	<2.5	2.5

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-2s	Sampled:	11/26/14 10:56
Lab Sample ID:	1412068-25	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	2.5	Analyzed:	12/08/14 15:18 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<2.5	2.5
10061-01-5	cis-1,3-Dichloropropene	<2.5	2.5
10061-02-6	trans-1,3-Dichloropropene	<2.5	2.5
100-41-4	Ethylbenzene	<2.5	2.5
60-29-7	Ethyl Ether	<12	12
591-78-6	2-Hexanone	<12	12
74-88-4	Iodomethane	<2.5	2.5
98-82-8	Isopropylbenzene	<2.5	2.5
99-87-6	4-Isopropyltoluene	<12	12
1634-04-4	Methyl tert-Butyl Ether	<12	12
75-09-2	Methylene Chloride	<12	12
78-93-3	2-Butanone (MEK)	<12	12
91-57-6	2-Methylnaphthalene	<12	12
108-10-1	4-Methyl-2-pentanone (MIBK)	<12	12
91-20-3	Naphthalene	<12	12
103-65-1	n-Propylbenzene	<2.5	2.5
100-42-5	Styrene	<2.5	2.5
630-20-6	1,1,1,2-Tetrachloroethane	<2.5	2.5
79-34-5	1,1,2,2-Tetrachloroethane	<2.5	2.5
127-18-4	Tetrachloroethene	<2.5	2.5
109-99-9	Tetrahydrofuran	<12	12
108-88-3	Toluene	<2.5	2.5
87-61-6	1,2,3-Trichlorobenzene	<12	12
120-82-1	1,2,4-Trichlorobenzene	<12	12
71-55-6	1,1,1-Trichloroethane	3.1	2.5
79-00-5	1,1,2-Trichloroethane	<2.5	2.5
79-01-6	Trichloroethene	380	2.5
*75-69-4	Trichlorofluoromethane	<2.5	2.5
96-18-4	1,2,3-Trichloropropane	<2.5	2.5
95-63-6	1,2,4-Trimethylbenzene	<2.5	2.5
108-67-8	1,3,5-Trimethylbenzene	<2.5	2.5

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-2s	Sampled:	11/26/14 10:56
Lab Sample ID:	1412068-25	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	2.5	Analyzed:	12/08/14 15:18 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<2.5	2.5
179601-23-1	Xylene, Meta + Para	<5.0	5.0
95-47-6	Xylene, Ortho	<2.5	2.5
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>103</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Dup-04	Sampled:	11/26/14 00:00
Lab Sample ID:	1412068-26	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/09/14 07:00 By: DLV
Dilution Factor:	10	Analyzed:	12/09/14 12:19 By: DLV
QC Batch:	1413942	Analytical Batch:	4L10007

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	17	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	170	10
156-60-5	trans-1,2-Dichloroethene	<10	10

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068	
Project: Tecumseh Products Groundwater	Description: Laboratory Services	
Client Sample ID: Dup-04	Sampled: 11/26/14 00:00	
Lab Sample ID: 1412068-26	Sampled By: J. Jasso	
Matrix: Water	Received: 12/02/14 18:15	
Unit: ug/L	Prepared: 12/09/14 07:00	By: DLV
Dilution Factor: 10	Analyzed: 12/09/14 12:19	By: DLV
QC Batch: 1413942	Analytical Batch: 4L10007	

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	70	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	1400	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	Dup-04	Sampled:	11/26/14 00:00
Lab Sample ID:	1412068-26	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/09/14 07:00 By: DLV
Dilution Factor:	10	Analyzed:	12/09/14 12:19 By: DLV
QC Batch:	1413942	Analytical Batch:	4L10007

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>107</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>104</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>101</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-21	Sampled: 11/26/14 11:39
Lab Sample ID: 1412068-27	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 10	Analyzed: 12/08/14 16:16 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	16	10
107-06-2	1,2-Dichloroethane	<10	10
75-35-4	1,1-Dichloroethene	<10	10
156-59-2	cis-1,2-Dichloroethene	180	10
156-60-5	trans-1,2-Dichloroethene	<10	10

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: MW-21	Sampled: 11/26/14 11:39
Lab Sample ID: 1412068-27	Sampled By: J. Jasso
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 10	Analyzed: 12/08/14 16:16 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	71	10
79-00-5	1,1,2-Trichloroethane	<10	10
79-01-6	Trichloroethene	1600	10
*75-69-4	Trichlorofluoromethane	<10	10
96-18-4	1,2,3-Trichloropropane	<10	10
95-63-6	1,2,4-Trimethylbenzene	<10	10
108-67-8	1,3,5-Trimethylbenzene	<10	10

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	MW-21	Sampled:	11/26/14 11:39
Lab Sample ID:	1412068-27	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	10	Analyzed:	12/08/14 16:16 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<10	10
179601-23-1	Xylene, Meta + Para	<20	20
95-47-6	Xylene, Ortho	<10	10
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	TB-01	Sampled:	11/26/14 00:00
Lab Sample ID:	1412068-28	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	1	Analyzed:	12/08/14 10:04 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068	
Project: Tecumseh Products Groundwater	Description: Laboratory Services	
Client Sample ID: TB-01	Sampled: 11/26/14 00:00	
Lab Sample ID: 1412068-28	Sampled By: J. Jasso	
Matrix: Water	Received: 12/02/14 18:15	
Unit: ug/L	Prepared: 12/08/14 07:00	By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 10:04	By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006	

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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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	TB-01	Sampled:	11/26/14 00:00
Lab Sample ID:	1412068-28	Sampled By:	J. Jasso
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	1	Analyzed:	12/08/14 10:04 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>105</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>101</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>100</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-10s	Sampled: 12/01/14 10:25
Lab Sample ID: 1412068-29	Sampled By: C.Gregg
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 16:44 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

Volatile Organic Compounds by EPA Method 8260B

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

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ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068	
Project: Tecumseh Products Groundwater	Description: Laboratory Services	
Client Sample ID: SS-10s	Sampled: 12/01/14 10:25	
Lab Sample ID: 1412068-29	Sampled By: C.Gregg	
Matrix: Water	Received: 12/02/14 18:15	
Unit: ug/L	Prepared: 12/08/14 07:00	By: DLV
Dilution Factor: 5	Analyzed: 12/08/14 16:44	By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006	

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
78-87-5	1,2-Dichloropropane	<5.0	5.0
10061-01-5	cis-1,3-Dichloropropene	<5.0	5.0
10061-02-6	trans-1,3-Dichloropropene	<5.0	5.0
100-41-4	Ethylbenzene	<5.0	5.0
60-29-7	Ethyl Ether	<25	25
591-78-6	2-Hexanone	<25	25
74-88-4	Iodomethane	<5.0	5.0
98-82-8	Isopropylbenzene	<5.0	5.0
99-87-6	4-Isopropyltoluene	<25	25
1634-04-4	Methyl tert-Butyl Ether	<25	25
75-09-2	Methylene Chloride	<25	25
78-93-3	2-Butanone (MEK)	<25	25
91-57-6	2-Methylnaphthalene	<25	25
108-10-1	4-Methyl-2-pentanone (MIBK)	<25	25
91-20-3	Naphthalene	<25	25
103-65-1	n-Propylbenzene	<5.0	5.0
100-42-5	Styrene	<5.0	5.0
630-20-6	1,1,1,2-Tetrachloroethane	<5.0	5.0
79-34-5	1,1,2,2-Tetrachloroethane	<5.0	5.0
127-18-4	Tetrachloroethene	<5.0	5.0
109-99-9	Tetrahydrofuran	<25	25
108-88-3	Toluene	<5.0	5.0
87-61-6	1,2,3-Trichlorobenzene	<25	25
120-82-1	1,2,4-Trichlorobenzene	<25	25
71-55-6	1,1,1-Trichloroethane	110	5.0
79-00-5	1,1,2-Trichloroethane	<5.0	5.0
79-01-6	Trichloroethene	780	5.0
*75-69-4	Trichlorofluoromethane	<5.0	5.0
96-18-4	1,2,3-Trichloropropane	<5.0	5.0
95-63-6	1,2,4-Trimethylbenzene	<5.0	5.0
108-67-8	1,3,5-Trimethylbenzene	<5.0	5.0

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*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-10s	Sampled:	12/01/14 10:25
Lab Sample ID:	1412068-29	Sampled By:	C.Gregg
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	5	Analyzed:	12/08/14 16:44 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<5.0	5.0
179601-23-1	Xylene, Meta + Para	<10	10
95-47-6	Xylene, Ortho	<5.0	5.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>110</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>103</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>82-110</i>

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-10i	Sampled: 12/01/14 11:05
Lab Sample ID: 1412068-30	Sampled By: C.Gregg
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 17:13 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	6.6	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	24	1.0
156-60-5	trans-1,2-Dichloroethene	1.9	1.0

Continued on next page

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client: TRC Companies. - Ann Arbor Office	Work Order: 1412068
Project: Tecumseh Products Groundwater	Description: Laboratory Services
Client Sample ID: SS-10i	Sampled: 12/01/14 11:05
Lab Sample ID: 1412068-30	Sampled By: C.Gregg
Matrix: Water	Received: 12/02/14 18:15
Unit: ug/L	Prepared: 12/08/14 07:00 By: DLV
Dilution Factor: 1	Analyzed: 12/08/14 17:13 By: DLV
QC Batch: 1413889	Analytical Batch: 4L09006

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	57	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

*See Statement of Data Qualifications

ANALYTICAL REPORT

Client:	TRC Companies. - Ann Arbor Office	Work Order:	1412068
Project:	Tecumseh Products Groundwater	Description:	Laboratory Services
Client Sample ID:	SS-10i	Sampled:	12/01/14 11:05
Lab Sample ID:	1412068-30	Sampled By:	C.Gregg
Matrix:	Water	Received:	12/02/14 18:15
Unit:	ug/L	Prepared:	12/08/14 07:00 By: DLV
Dilution Factor:	1	Analyzed:	12/08/14 17:13 By: DLV
QC Batch:	1413889	Analytical Batch:	4L09006

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
75-01-4	Vinyl Chloride	<1.0	1.0
179601-23-1	Xylene, Meta + Para	<2.0	2.0
95-47-6	Xylene, Ortho	<1.0	1.0
Surrogates:		% Recovery	Control Limits
	<i>Dibromofluoromethane</i>	<i>108</i>	<i>85-118</i>
	<i>1,2-Dichloroethane-d4</i>	<i>102</i>	<i>87-122</i>
	<i>Toluene-d8</i>	<i>102</i>	<i>85-113</i>
	<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>82-110</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: 1413233 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L

 Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

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: 1413233 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

Unit: ug/L

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>	98	85-118
<i>1,2-Dichloroethane-d4</i>	102	87-122
<i>Toluene-d8</i>	99	85-113

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: 1413233 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

 Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

Surrogates (Continued):
4-Bromofluorobenzene

100 82-110

Laboratory Control Sample

Unit: ug/L

 Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

Benzene	40.0	45.2	113	84-119	--	1.0
Chlorobenzene	40.0	42.3	106	84-118	--	1.0
1,1-Dichloroethene	40.0	43.9	110	77-123	--	1.0
Toluene	40.0	44.8	112	85-118	--	1.0
Trichloroethene	40.0	46.8	117	82-119	--	1.0

Surrogates:
Dibromofluoromethane

99 85-118

1,2-Dichloroethane-d4

93 87-122

Toluene-d8

101 85-113

4-Bromofluorobenzene

98 82-110

Matrix Spike 1411277-03 MW-31

Unit: ug/L

 Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

Benzene	<2.5	100	107	107	80-129	--	2.5
Chlorobenzene	<2.5	100	101	101	80-121	--	2.5
1,1-Dichloroethene	<2.5	100	99.0	99	74-134	--	2.5
Toluene	1.05	100	106	105	79-129	--	2.5
Trichloroethene	315	100	416	101	75-127	--	2.5

Surrogates:
Dibromofluoromethane

97 85-118

1,2-Dichloroethane-d4

92 87-122

Toluene-d8

100 85-113

4-Bromofluorobenzene

98 82-110

Matrix Spike Duplicate 1411277-03 MW-31

Unit: ug/L

 Analyzed: 11/20/2014 By: BAG
 Analytical Batch: 4K21038

Benzene	<2.5	100	112	112	80-129	4	9	2.5
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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: 1413233 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike Duplicate (Continued) 1411277-03 MW-31

Analyzed: 11/20/2014 By: BAG

Unit: ug/L

Analytical Batch: 4K21038

Chlorobenzene	<2.5	100	106	106	80-121	5	8	2.5
1,1-Dichloroethene	<2.5	100	105	105	74-134	6	11	2.5
Toluene	1.05	100	111	110	79-129	5	9	2.5
Trichloroethene	315	100	433	118	75-127	4	10	2.5

Surrogates:

<i>Dibromofluoromethane</i>				97	85-118			
<i>1,2-Dichloroethane-d4</i>				92	87-122			
<i>Toluene-d8</i>				100	85-113			
<i>4-Bromofluorobenzene</i>				99	82-110			

QC Batch: 1413235 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Analyzed: 11/21/2014 By: BAG

Unit: ug/L

Analytical Batch: 4K21040

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

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: 1413235 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/21/2014 By: BAG
 Analytical Batch: 4K21040

Unit: ug/L

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
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

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: 1413235 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L	Analyzed:	11/21/2014	By: BAG
	Analytical Batch:	4K21040	

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	85-118
<i>1,2-Dichloroethane-d4</i>	96	87-122
<i>Toluene-d8</i>	99	85-113
<i>4-Bromofluorobenzene</i>	98	82-110

Laboratory Control Sample

Unit: ug/L	Analyzed:	11/20/2014	By: BAG
	Analytical Batch:	4K21040	

Benzene	40.0	43.8	109	84-119	--	1.0
Chlorobenzene	40.0	41.8	104	84-118	--	1.0
1,1-Dichloroethene	40.0	39.0	98	77-123	--	1.0
Toluene	40.0	43.3	108	85-118	--	1.0
Trichloroethene	40.0	45.8	114	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>	97	85-118
<i>1,2-Dichloroethane-d4</i>	91	87-122
<i>Toluene-d8</i>	100	85-113
<i>4-Bromofluorobenzene</i>	99	82-110

QC Batch: 1413413 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L	Analyzed:	11/25/2014	By: BAG
	Analytical Batch:	4K26008	

Acetone	<20	20
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QUALITY CONTROL REPORT
Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 1413413 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

 Analyzed: 11/25/2014 By: BAG
 Analytical Batch: 4K26008

Unit: ug/L

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: 1413413 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 11/25/2014 By: BAG

Analytical Batch: 4K26008

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	85-118
<i>1,2-Dichloroethane-d4</i>	104	87-122
<i>Toluene-d8</i>	99	85-113
<i>4-Bromofluorobenzene</i>	100	82-110

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: 1413413 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample

Analyzed: 11/25/2014 By: BAG
 Analytical Batch: 4K26008

Unit: ug/L

Benzene	40.0	43.0	108	84-119	--	1.0
Chlorobenzene	40.0	42.3	106	84-118	--	1.0
1,1-Dichloroethene	40.0	44.7	112	77-123	--	1.0
Toluene	40.0	42.4	106	85-118	--	1.0
Trichloroethene	40.0	42.1	105	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>	101	85-118
<i>1,2-Dichloroethane-d4</i>	100	87-122
<i>Toluene-d8</i>	99	85-113
<i>4-Bromofluorobenzene</i>	101	82-110

Matrix Spike 1411374-06 MW-34d

Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4K26008

Unit: ug/L

Benzene	<1.0	40.0	44.1	110	80-129	--	1.0
Chlorobenzene	<1.0	40.0	43.2	108	80-121	--	1.0
1,1-Dichloroethene	<1.0	40.0	44.3	111	74-134	--	1.0
Toluene	<1.0	40.0	43.2	108	79-129	--	1.0
Trichloroethene	0.710	40.0	44.1	109	75-127	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>	102	85-118
<i>1,2-Dichloroethane-d4</i>	102	87-122
<i>Toluene-d8</i>	99	85-113
<i>4-Bromofluorobenzene</i>	102	82-110

Matrix Spike Duplicate 1411374-06 MW-34d

Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4K26008

Unit: ug/L

Benzene	<1.0	40.0	45.8	114	80-129	4	9	1.0
Chlorobenzene	<1.0	40.0	44.9	112	80-121	4	8	1.0
1,1-Dichloroethene	<1.0	40.0	47.0	117	74-134	6	11	1.0
Toluene	<1.0	40.0	45.0	112	79-129	4	9	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: 1413413 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike Duplicate (Continued) 1411374-06 MW-34d

Analyzed: 11/26/2014 By: BAG

Unit: ug/L

Analytical Batch: 4K26008

Trichloroethene	0.710	40.0	46.3	114	75-127	5	10	1.0
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Surrogates:
Dibromofluoromethane

103 85-118

1,2-Dichloroethane-d4

103 87-122

Toluene-d8

98 85-113

4-Bromofluorobenzene

102 82-110

QC Batch: 1413430 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Analyzed: 11/26/2014 By: BAG

Unit: ug/L

Analytical Batch: 4K26022

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

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: 1413430 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/26/2014 By: BAG
Analytical Batch: 4K26022

Unit: ug/L

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
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

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: 1413430 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4K26022

Unit: ug/L

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>	103	85-118
<i>1,2-Dichloroethane-d4</i>	105	87-122
<i>Toluene-d8</i>	98	85-113
<i>4-Bromofluorobenzene</i>	101	82-110

Laboratory Control Sample

Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4K26022

Unit: ug/L

Benzene	40.0	43.2	108	84-119	--	1.0
Chlorobenzene	40.0	43.4	109	84-118	--	1.0
1,1-Dichloroethene	40.0	43.8	110	77-123	--	1.0
Toluene	40.0	42.4	106	85-118	--	1.0
Trichloroethene	40.0	49.5	124	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>	101	85-118
<i>1,2-Dichloroethane-d4</i>	101	87-122
<i>Toluene-d8</i>	99	85-113
<i>4-Bromofluorobenzene</i>	102	82-110

QC Batch: 1413483 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4L01007

Unit: ug/L

Acetone	<20	20
Acrylonitrile	<2.0	2.0

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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: 1413483 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

 Analyzed: 11/26/2014 By: BAG
 Analytical Batch: 4L01007

Unit: ug/L

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: 1413483 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 11/26/2014 By: BAG
Analytical Batch: 4L01007

Unit: ug/L

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	85-118
<i>1,2-Dichloroethane-d4</i>	105	87-122
<i>Toluene-d8</i>	100	85-113
<i>4-Bromofluorobenzene</i>	100	82-110

Laboratory Control Sample

Analyzed: 11/26/2014 By: BAG
Analytical Batch: 4L01007

Unit: ug/L

Benzene	40.0	43.6	109	84-119	--	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: 1413483 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

Unit: ug/L Analyzed: 11/26/2014 By: BAG
Analytical Batch: 4L01007

Chlorobenzene	40.0	42.9		107	84-118	--	1.0
1,1-Dichloroethene	40.0	45.4		113	77-123	--	1.0
Toluene	40.0	42.9		107	85-118	--	1.0
Trichloroethene	40.0	43.4		108	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>				102	85-118		
<i>1,2-Dichloroethane-d4</i>				101	87-122		
<i>Toluene-d8</i>				99	85-113		
<i>4-Bromofluorobenzene</i>				101	82-110		

QC Batch: 1413612 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Unit: ug/L Analyzed: 12/02/2014 By: DLV
Analytical Batch: 4L03006

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

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: 1413612 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/02/2014 By: DLV
 Analytical Batch: 4L03006

Unit: ug/L

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
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

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: 1413612 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 12/02/2014 By: DLV
Analytical Batch: 4L03006

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>				102	85-118		
<i>1,2-Dichloroethane-d4</i>				101	87-122		
<i>Toluene-d8</i>				101	85-113		
<i>4-Bromofluorobenzene</i>				98	82-110		

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/02/2014 By: DLV
Analytical Batch: 4L03006

Benzene	40.0	40.9		102	84-119	--	1.0
Chlorobenzene	40.0	39.4		98	84-118	--	1.0
1,1-Dichloroethene	40.0	40.5		101	77-123	--	1.0
Toluene	40.0	42.0		105	85-118	--	1.0
Trichloroethene	40.0	42.1		105	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>				107	85-118		
<i>1,2-Dichloroethane-d4</i>				101	87-122		
<i>Toluene-d8</i>				105	85-113		
<i>4-Bromofluorobenzene</i>				103	82-110		

Matrix Spike 1411467-08 MW-10s

Unit: ug/L

Analyzed: 12/02/2014 By: DLV
Analytical Batch: 4L03006

Benzene	<1.0	40.0	43.9	110	80-129	--	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: 1413612 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike (Continued) 1411467-08 MW-10s

Analyzed: 12/02/2014 By: DLV
 Analytical Batch: 4L03006

Chlorobenzene	<1.0	40.0	41.6	104	80-121	--	1.0	
1,1-Dichloroethene	<1.0	40.0	44.1	110	74-134	--	1.0	
Toluene	<1.0	40.0	45.2	113	79-129	--	1.0	
Trichloroethene	<1.0	40.0	43.9	110	75-127	--	1.0	
Surrogates:								
<i>Dibromofluoromethane</i>				110	85-118			
<i>1,2-Dichloroethane-d4</i>				105	87-122			
<i>Toluene-d8</i>				105	85-113			
<i>4-Bromofluorobenzene</i>				105	82-110			

Matrix Spike Duplicate 1411467-08 MW-10s

Analyzed: 12/02/2014 By: DLV
 Analytical Batch: 4L03006

Benzene	<1.0	40.0	42.9	107	80-129	2	9	1.0
Chlorobenzene	<1.0	40.0	40.5	101	80-121	3	8	1.0
1,1-Dichloroethene	<1.0	40.0	43.1	108	74-134	2	11	1.0
Toluene	<1.0	40.0	43.7	109	79-129	3	9	1.0
Trichloroethene	<1.0	40.0	42.4	106	75-127	4	10	1.0
Surrogates:								
<i>Dibromofluoromethane</i>				108	85-118			
<i>1,2-Dichloroethane-d4</i>				104	87-122			
<i>Toluene-d8</i>				104	85-113			
<i>4-Bromofluorobenzene</i>				104	82-110			

QC Batch: 1413820 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Analyzed: 12/05/2014 By: DLV
 Analytical Batch: 4L08006

Acetone			<20			--	20	
Acrylonitrile			<2.0				2.0	
Benzene			<1.0				1.0	
Bromobenzene			<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: 1413820 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/05/2014 By: DLV
Analytical Batch: 4L08006

Unit: ug/L

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
4-Isopropyltoluene	<5.0	5.0

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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QC Batch: 1413820 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L Analyzed: 12/05/2014 By: DLV
Analytical Batch: 4L08006

Methyl tert-Butyl Ether			<5.0					5.0
Methylene Chloride			<5.0					5.0
2-Butanone (MEK)			<5.0					5.0
2-Methylnaphthalene			6.2			--		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
1,1,1,2,2-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>				102	85-118			
<i>1,2-Dichloroethane-d4</i>				101	87-122			
<i>Toluene-d8</i>				99	85-113			
<i>4-Bromofluorobenzene</i>				96	82-110			

Laboratory Control Sample

Unit: ug/L Analyzed: 12/05/2014 By: DLV
Analytical Batch: 4L08006

Benzene	40.0	41.1		103	84-119	--		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: 1413820 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

 Analyzed: 12/05/2014 By: DLV
 Unit: ug/L Analytical Batch: 4L08006

Chlorobenzene		40.0	41.9	105	84-118	--	1.0	
1,1-Dichloroethene		40.0	42.8	107	77-123	--	1.0	
Toluene		40.0	43.1	108	85-118	--	1.0	
Trichloroethene		40.0	47.5	119	82-119	--	1.0	

Surrogates:

<i>Dibromofluoromethane</i>				106	85-118			
<i>1,2-Dichloroethane-d4</i>				101	87-122			
<i>Toluene-d8</i>				104	85-113			
<i>4-Bromofluorobenzene</i>				101	82-110			

Matrix Spike 1412068-14 MW-20s

 Analyzed: 12/06/2014 By: DLV
 Unit: ug/L Analytical Batch: 4L08006

Benzene	<1.0	40.0	43.1	108	80-129	--	1.0	
Chlorobenzene	<1.0	40.0	43.8	109	80-121	--	1.0	
1,1-Dichloroethene	0.390	40.0	46.5	115	74-134	--	1.0	
Toluene	<1.0	40.0	45.5	114	79-129	--	1.0	
Trichloroethene	125	40.0	174	124	75-127	--	1.0	

Surrogates:

<i>Dibromofluoromethane</i>				111	85-118			
<i>1,2-Dichloroethane-d4</i>				105	87-122			
<i>Toluene-d8</i>				103	85-113			
<i>4-Bromofluorobenzene</i>				103	82-110			

Matrix Spike Duplicate 1412068-14 MW-20s

 Analyzed: 12/06/2014 By: DLV
 Unit: ug/L Analytical Batch: 4L08006

Benzene	<1.0	40.0	43.1	108	80-129	0.2	9	1.0
Chlorobenzene	<1.0	40.0	43.6	109	80-121	0.3	8	1.0
1,1-Dichloroethene	0.390	40.0	46.6	116	74-134	0.2	11	1.0
Toluene	<1.0	40.0	45.1	113	79-129	0.8	9	1.0
Trichloroethene	125	40.0	175	125	75-127	0.2	10	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: 1413820 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike Duplicate (Continued) 1412068-14 MW-20s
Unit: ug/L

Analyzed: 12/06/2014 By: DLV
Analytical Batch: 4L08006

Surrogates:

<i>Dibromofluoromethane</i>	110	85-118
<i>1,2-Dichloroethane-d4</i>	103	87-122
<i>Toluene-d8</i>	103	85-113
<i>4-Bromofluorobenzene</i>	102	82-110

QC Batch: 1413889 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank
Unit: ug/L

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

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

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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: 1413889 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

 Analyzed: 12/08/2014 By: DLV
 Analytical Batch: 4L09006

Unit: ug/L

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	6.0	--	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	

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: 1413889 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

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	85-118
<i>1,2-Dichloroethane-d4</i>	100	87-122
<i>Toluene-d8</i>	100	85-113
<i>4-Bromofluorobenzene</i>	94	82-110

Laboratory Control Sample

Unit: ug/L

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

Benzene	40.0	40.6	101	84-119	--	1.0
Chlorobenzene	40.0	42.1	105	84-118	--	1.0
1,1-Dichloroethene	40.0	44.0	110	77-123	--	1.0
Toluene	40.0	43.3	108	85-118	--	1.0
Trichloroethene	40.0	43.9	110	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>	107	85-118
<i>1,2-Dichloroethane-d4</i>	100	87-122
<i>Toluene-d8</i>	104	85-113
<i>4-Bromofluorobenzene</i>	100	82-110

Matrix Spike 1412068-23 MW-4s

Unit: ug/L

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

Benzene	<50	2000	2030	101	80-129	--	50
Chlorobenzene	<50	2000	2090	105	80-121	--	50
1,1-Dichloroethene	<50	2000	2120	106	74-134	--	50
Toluene	<50	2000	2170	108	79-129	--	50

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: 1413889 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Matrix Spike (Continued) 1412068-23 MW-4s

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

Unit: ug/L

Trichloroethene	5540	2000	7880	117	75-127	--	50	
Surrogates:								
<i>Dibromofluoromethane</i>				112	85-118			
<i>1,2-Dichloroethane-d4</i>				101	87-122			
<i>Toluene-d8</i>				105	85-113			
<i>4-Bromofluorobenzene</i>				101	82-110			

Matrix Spike Duplicate 1412068-23 MW-4s

Analyzed: 12/08/2014 By: DLV
Analytical Batch: 4L09006

Unit: ug/L

Benzene	<50	2000	2040	102	80-129	0.7	9	50
Chlorobenzene	<50	2000	2080	104	80-121	0.4	8	50
1,1-Dichloroethene	<50	2000	2150	108	74-134	2	11	50
Toluene	<50	2000	2160	108	79-129	0.4	9	50
Trichloroethene	5540	2000	7900	118	75-127	0.3	10	50
Surrogates:								
<i>Dibromofluoromethane</i>				109	85-118			
<i>1,2-Dichloroethane-d4</i>				100	87-122			
<i>Toluene-d8</i>				103	85-113			
<i>4-Bromofluorobenzene</i>				99	82-110			

QC Batch: 1413942 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank

Analyzed: 12/09/2014 By: DLV
Analytical Batch: 4L10007

Unit: ug/L

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

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: 1413942 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Unit: ug/L

Analyzed: 12/09/2014 By: DLV
Analytical Batch: 4L10007

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	4.1	--	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

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: 1413942 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued)

Analyzed: 12/09/2014 By: DLV
 Analytical Batch: 4L10007

Unit: ug/L

2-Methylnaphthalene	6.3	--	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	85-118
<i>1,2-Dichloroethane-d4</i>	102	87-122
<i>Toluene-d8</i>	100	85-113
<i>4-Bromofluorobenzene</i>	96	82-110

Laboratory Control Sample

Analyzed: 12/09/2014 By: DLV
 Analytical Batch: 4L10007

Unit: ug/L

Benzene	40.0	41.6	104	84-119	--	1.0
Chlorobenzene	40.0	42.7	107	84-118	--	1.0
1,1-Dichloroethene	40.0	45.2	113	77-123	--	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: 1413942 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Laboratory Control Sample (Continued)

 Analyzed: 12/09/2014 By: DLV
 Analytical Batch: 4L10007

Unit: ug/L

Toluene	40.0	44.0	110	85-118	--	1.0
Trichloroethene	40.0	45.1	113	82-119	--	1.0

Surrogates:

<i>Dibromofluoromethane</i>			108	85-118		
<i>1,2-Dichloroethane-d4</i>			101	87-122		
<i>Toluene-d8</i>			103	85-113		
<i>4-Bromofluorobenzene</i>			100	82-110		

Analyses Requested

Pg. 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 ZnAc₂/NaOH pH=9
- G MeOH
- H Other (note below)

Container Type (corresponds to Container Packing List)	Number of Containers Submitted	Notes
D	1	VOCs (8260)

For Lab Use Only

VOA Pack/Tag: 424/681-6
 Receipt Log No: 2-33
 Project Chemist: _____
 Work Order No: 1411277
 Project Name: TRC Environmental Corp.
 Address: 1540 Eisenhower Pl.
 City, State Zip: Ann Arbor, MI 48108
 Phone/Fax: (734) 971-7080
 Email: _____
 Project Name: TRC
 Client Project No. / P.O. No.: 004304.0001
 Invoice To: _____
 Client
 Other (comments)
 Contact/Report To: Stacy Metz

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	O	M	A	B	Matrix
01		01	MW-175		11/11/14	1017	X					GW X
1		02	WL-01		11/11/14	1027	X					SW X
02		03	MW-31	MS(MSD)	11/11/14	1145	X					GW X
03		04	Trip Blank									DI X
X	X	X	MW-31	MS/MSD								GW X
01		05	MW-22									GW X
		06	EB-01									DI X
		07	Seep									SW X
		08	MW-32D									GW X
		09	DUP-01									GW X

Sampled By (print): J. Jasso / C. Greigs
 Sampler's Signature: [Signature]
 Company: TRC Environmental Corp.
 How Shipped? Hand Carrier
 Tracking No. _____

1. Requisitioned By: [Signature] Date: 11/21/14 Time: 16:00
 2. Requisitioned By: [Signature] Date: 11/21/14 Time: 17:40
 3. Requisitioned By: [Signature] Date: 11/21/14 Time: 17:40

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

Container Type (corresponds to Container Packing List)	Quantity	Preservative
VOCs (8260)	2	A

VOA Backlog
424 6874 TRC Environmental Corp.
Project Name: TRC
Address: 1540 Eisenhower Pl.
City, State Zip: Ann Arbor, MI 48108
Phone/Fax: (734) 971-7080
Email:
Client Project No. / P.O. No.: 004304.0001
Invoice To: Client Other (comments)
Contact/Report To: Stacy Netz

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	E	F	G	H	Matrix	Number of Containers Submitted	Time	Sample Comments
		10	NS-19D		11/11/14	1553							GW	2		
		11	NS-18D		11/12/14	0830							GW	2		
		12	NS-18I		11/12/14	0918							GW	2		
		13	NS-18S		11/12/14	1048							GW	2		
		14	NS-20S		11/12/14	1332							GW	2		
		15	NS-20E		11/12/14	1423							GW	2		
		16	MW-33S		11/12/14	1153							GW	2		
		17	MW-32S		11/12/14	1514							GW	2		

Sampled By (print): J. Jasso / C. Gregg
Sampler's Signature: *J. Jasso*
Tracking No.:
Hand:
Carrier: X
Comments:

1. Requisitioned By: TRC Environmental Corp. Date: 11/13/14 Time: 10:30
2. Reviewed By: Tracy Smith Date: 11/13/14 Time: 12:55
3. Requisitioned By: Tracy Smith Date: 11/13/14 Time: 17:40
4. Received For: *Tracy Smith* Date: 11/13/14 Time: 17:40

SAMPLE RECEIVING / LOG-IN CHECKLIST



Client: <u>TRC ENV.</u>	Work Order #: <u>411277</u>
Receipt Record Page/Line #: <u>3-33</u>	New / Add To <input checked="" type="checkbox"/> Project Chemist <u> </u> Sample #s <u> </u>

Recorded by (initials/date): <u>DN 11/13/14</u>	Cooler <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/>	Qty Received: <u>1</u>	Thermometer Used <input checked="" type="checkbox"/> IR Gun (#202) <input type="checkbox"/> Digital Thermometer (#54) <input type="checkbox"/> Other (# <u> </u>)	See Additional Cooler Information Form <input type="checkbox"/>
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Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
<u>TR 2512</u>	<u>2:48</u>						
Custody Seals: <input checked="" type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact	
Coolant Type: <input checked="" type="checkbox"/> Loose Ice <input checked="" type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None	
Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom	
Temp Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative	
	Observed °C	Correction Factor °C	Actual °C		Observed °C	Correction Factor °C	Actual °C
Temp Blank:	<u>2.2</u>	<u>0</u>	<u>2.2</u>	Temp Blank:			
Sample 1:	<u>4.8</u>	<u>0</u>	<u>4.8</u>	Sample 1:			
Sample 2:	<u>4.9</u>	<u>0</u>	<u>4.9</u>	Sample 2:			
Sample 3:	<u>4.2</u>	<u>0</u>	<u>4.2</u>	Sample 3:			
3 Sample Average °C:		<u>4.6</u>		3 Sample Average °C:			
<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> VOC Trip Blank received?	

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Chain of Custody record(s)? If No, Initiated By _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Received for Lab Signed/Date/Time?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shipping document?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other _____

COC Information

TriMatrix COC Other _____

COC ID Numbers: 145913
145903

Check COC for Accuracy

Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Analysis Requested?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sample ID matches COC?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sample Date and Time matches COC?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Container type completed on COC?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All container types indicated are received?

Sample Condition Summary

N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Broken containers/lids?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Missing or incomplete labels?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illegible information on labels?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Low volume received?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inappropriate or non-TriMatrix containers received?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	VOC vials / TOX containers have headspace?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Temperature Blank OR average sample temperature, ≥6° C?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If either is ≥6° C, was thermal preservation required?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If "Yes", Project Chemist Approval initials: _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If "Yes" Completed Non Con Cooler - Cont Inventory Form?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Completed Sample Preservation Verification Form?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Samples chemically preserved correctly?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If "No", added orange tag?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Received pre-preserved VOC soils?
		<input type="checkbox"/>	MeOH
		<input type="checkbox"/>	Na ₂ SO ₄

Check for Short Hold-Time Prep/Analyses

<input type="checkbox"/>	Bacteriological
<input type="checkbox"/>	Air Bags
<input type="checkbox"/>	EnCores / Methanol Pre-Preserved
<input type="checkbox"/>	Formaldehyde/Aldehyde
<input type="checkbox"/>	Green-tagged containers
<input type="checkbox"/>	Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)

NONE RECEIVED

RECEIVED, COCs TO LAB(S)

Notes

Trip Blank received Trip Blank not listed on COC

Cooler Received (Date/Time): <u>DN 11/13/14</u>	Paperwork/ Delivered (Date/Time): <u>11/13/14</u>	≤1 Hour Goal Met? <u>Yes / No</u>
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5560 Corporate Exchange Court SE
Grand Rapids, MI 49512

Chain of Custody Record

COC No. **145904**

For Lab Use Only

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

Analyses Requested

Pg. 1 of 3

← 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<8
- G. MeOH
- H. Other (note below)

Container Type (corresponds to Container Packing List)	Number of Containers Submitted	Total	Sample Comments
D (007600)			

Client Name: **TRC Environmental Corp.**
 Project Name: **TPC**
 Address: **1540 Eisenhower Place**
 City, State Zip: **Ann Arbor, MI 48108**
 Phone/Fax: **(734) 958-7080**
 Email: **stacy@metz.com**

Client Project No. / P.O. No.: **004304.001**
 Invoice To: **Client** **Other (Comments)**

Contact/Report To: **Stacy Metz**

Schedule	Main Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	M	A	B	Matrix	Number of Containers Submitted	Total	Sample Comments
G1		01	NS-19S		11/3/14	0751	X					GW	X	2	
		02	NS-19I			0830	X					GW	X	2	
		03	Trip Blank 2			—						DI	X	1	
		04	EB-02			0859						DI	X	2	
		05	MW-35D			0946	X					GW	X	2	
		06	MW-34D			1037	X					GW	X	2	
		07	MW-34D NS/MSD			1037	X					GW	X	3	
		08	SS-10D			1139	X					GW	X	2	
		09	MW-36D			1307	X					GW	X	2	
		10	MW-39D			1445	X					GW	X	2	

Comments

Sampled By (print): **J. Sasso, C. Gregg**
 Sampler's Signature: *J. Sasso*
 How Shipped? **Hand** Carrier: _____
 Tracking No.: _____

1. Requisitioned By: *R. Kuyumcu* Date: **11-20-14** Time: **1600**
 2. Requisitioned By: *[Signature]* Date: **11-20-14** Time: **1830**

Company: **TRC Environmental Corporation**
 Requisitioned For Use By: *[Signature]* Date: **11/20/14** Time: **1830**

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

Chain of Custody Record

COC No.

145905

Analyses Requested

Pg. 2 of 3

← 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)

Container Type (corresponds to Container Packing List)	Volume
VOCs (2x60)	2

Client Name: **TBC Environmental Corp.**
 Project Name: **TPC**
 Address: **1540 Eisenhower Place**
 Client Project No. / P.O. No: **004304.0001**
 City, State Zip: **Ann Arbor, MI 48108**
 Invoice To: Client
 Other (comments)
 Phone/Fax: **(734) 971-7000**
 Contact/Report To: **Stacy Metz**

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	E	F	G	H	Matrix	Number of Containers Submitted	Volume	Sample Comments
01		10	MW-8D		11/3/14	1533							X EW	2	2	
		11	MW-40S		11/7/14	0900							X EW	2	2	
		12	MW-40D			1034							X EW	2	2	
		13	MW-27S			1229							X EW	2	2	
		14	MW-27D			1450							X EW	2	2	
		15	MW-24S			1607							X EW	2	2	
		16	MW-24D			1716							X EW	2	2	

Sampled By (print): **J. Jasso/C. Gross**
 Sampler's Signature: *[Signature]*
 Company: **TBC Environmental Corporation**
 How Shipped? Hand Carrier
 Tracking No.: _____
 1. Retrieved By: *[Signature]* Date: **11-20-14** Time: **1600**
 2. Returned By: *[Signature]* Date: **11-20-14** Time: **1830**
 3. Received By: *[Signature]* Date: **11-20-14** Time: **1830**
 4. Returned by Lab By: *[Signature]* Date: **11-20-14** Time: **1830**



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.

145906

Analyses Requested

Page 3 of 3

← PRESERVATIVES

Container Type (corresponds to Container Packing List)
D (09260) VOC's

Client Name TRC Environmental Corp.	Project Name TPC
Address 1540 Eisenhower Place	Client Project No. / P.O. No. 004304.001
City/State/Zip Ann Arbor, MI 48108	Invoice To <input checked="" type="checkbox"/> Client <input type="checkbox"/> Other (comments)
Phone/Fax (734) 971-7080	Contact/Report To Stacy Metz
Work Order No. 411374	Email

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	M	A	B	Matrix	Number of Containers Submitted	Total	Sample Comments
01		17	MW-28S		11/19/14	0800						X Gw	X	2	
		18	MW-28D			0932						X Gw	X	2	
		19	MW-30S			1120						X Gw	X	2	
		20	MW-30D			1233						X Gw	X	2	
		21	MW-12D			1443						X Gw	X	2	
		22	MW-12S			1631						X Gw	X	2	

Sampled By (print) C. Gregg	How Shipped? Tracking No.	Hand Carrier	Comments	1. Requisitioned By R. Xuermm	Date 11-20-14	Time 1600	2. Received By [Signature]	Date 11-20-14	Time 1800	3. Requisitioned By J. Nordin	Date 11-20-14	Time 1800
Sample's Signature [Signature]				Requisitioned By [Signature]			Received By [Signature]			Requisitioned By [Signature]		
Company TRC Environmental Corporation												

SAMPLE RECEIVING / LOG-IN CHECKLIST



Client: <u>TRC</u>	Work Order #: <u>1411374</u>
Receipt Record Page/Line #: <u>14-31</u>	Project Chemist: _____ Sample #: _____

Recorded by (initials/date): <u>DN 11/20/14</u>	<input type="checkbox"/> Cooler <input type="checkbox"/> Box <input type="checkbox"/> Other	Qty Received: <u>1</u>	<input checked="" type="checkbox"/> IR Gun (#202) <input type="checkbox"/> Thermometer Used <input type="checkbox"/> Digital Thermometer (#54) <input type="checkbox"/> Other (# _____)	<input type="checkbox"/> See Additional Cooler Information Form
---	---	------------------------	--	---

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time
<u>1110702</u>	<u>11/35</u>						
Custody Seals: <input checked="" type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact	
Coolant Type: <input checked="" type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None	
Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom	
Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative	
	Observed °C	Correction Factor °C	Actual °C		Observed °C	Correction Factor °C	Actual °C
Temp Blank:	<u>2.2</u>	<u>0</u>	<u>2.2</u>	Temp Blank:			
Sample 1:	<u>6.0</u>	<u>0</u>	<u>6.0</u>	Sample 1:			
Sample 2:	<u>5.2</u>	<u>0</u>	<u>5.2</u>	Sample 2:			
Sample 3:	<u>5.4</u>	<u>0</u>	<u>5.4</u>	Sample 3:			
3 Sample Average °C: <u>5.7</u>		3 Sample Average °C:		3 Sample Average °C:		3 Sample Average °C:	
<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?	
<input checked="" type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?	

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Chain of Custody record(s)? If No, Initiated By _____ <input checked="" type="checkbox"/> Received for Lab Signed/Date/Time? <input type="checkbox"/> Shipping document? <input type="checkbox"/> Other _____	Check Sample Preservation N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <input checked="" type="checkbox"/> Temperature Blank OR average sample temperature, ≥26° C? <input type="checkbox"/> If either is ≥26° C, was thermal preservation required? If "Yes", Project Chemist Approval Initials: _____ <input type="checkbox"/> If "Yes" Completed Non Con Cooler - Cont Inventory Form? <input type="checkbox"/> Completed Sample Preservation Verification Form? <input checked="" type="checkbox"/> Samples chemically preserved correctly? If "No", added orange tag? <input type="checkbox"/> Received pre-preserved VOC soils? <input type="checkbox"/> MeOH <input type="checkbox"/> Na ₂ SO ₄
COC Information <input checked="" type="checkbox"/> TriMatrix COC <input type="checkbox"/> Other _____ COC ID Numbers: <u>145904, 145905, 145906</u>	

Check COC for Accuracy Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Analysis Requested? <input checked="" type="checkbox"/> Sample ID matches COC? <input checked="" type="checkbox"/> Sample Date and Time matches COC? <input checked="" type="checkbox"/> Container type completed on COC? <input checked="" type="checkbox"/> All container types indicated are received?	Check for Short Hold-Time Prep/Analyses <input type="checkbox"/> Bacteriological <input type="checkbox"/> Air Bags <input type="checkbox"/> EnCores / Methanol Pre-Preserved <input type="checkbox"/> Formaldehyde/Aldehyde <input type="checkbox"/> Green-tagged containers <input type="checkbox"/> Yellow/White-tagged 1 L ambers (SV Prep-Lab)
--	---

AFTER HOURS ONLY:

COPIES OF COC TO LAB AREA(S)

NONE RECEIVED

RECEIVED, COCs TO LAB(S)

Sample Condition Summary N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Broken containers/lids? <input type="checkbox"/> Missing or incomplete labels? <input type="checkbox"/> Illegible information on labels? <input type="checkbox"/> Low volume received? <input type="checkbox"/> Inappropriate or non-TriMatrix containers received? <input type="checkbox"/> VOC vials / TOX containers have headspace? <input type="checkbox"/> Extra sample locations / containers not listed on COC?	Notes <input type="checkbox"/> Trip Blank received <input type="checkbox"/> Trip Blank not listed on COC <input type="checkbox"/> Cooler Received (Date/Time) <input type="checkbox"/> Paperwork Delivered (Date/Time) ≤1 Hour Goal Met? <u>DN 11/20/14</u> <u>11/20/14 AM</u> Yes / No
---	---

Analyses Requested

Pg. 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)

Container ID	Number of Containers Submitted	Total
D		
VOCs (8960)		

Client Name: TRC Environmental Corp
Address: 1540 Eisenhower Place
City, State Zip: Ann Arbor, MI 48108
Phone/Fax: (734) 971-7080
Email:
Project Name: TRC
Client Project No. / P.O. No.: 004304, 0001
Invoice To:
 Client
 Other (comments)
Contact/Report To: Stacy Metz

Schedule	Main Code	Sample Number	Field Sample ID	Sampler	Collection Date	Sample Date	Sample Time	Matrix	Container Type	Number of Containers Submitted	Total	Sample Comments
03		01	Frip Beak 3 TB-03	SEM	11/25/14	11/29/14	0915	D1 X			1	
03		02					1017	X GUD X			2	
03		03					1204	X GUD X			2	
03		04					1035	X GUD X			2	
03		05					1035	X GUD X			2	
03		06					1211	X GUD X			2	
03		07										
03		08										
03		09										

Sampler's Signature: C. Gregg
How Shipped? Hand Carrier
Tracking No.:
Comments:

Company: TRC Environmental Corporation
Relinquished By: Christine Gregg
Date: 11/21/14
Time: 1830
Received By:
Date: 11/25/14
Time: 1535
Relinquished By:
Date: 11/25/14
Time: 1800

SAMPLE RECEIVING / LOG-IN CHECKLIST



Client: <u>TRC-TPC</u>	Work Order #: <u>1411467</u>
Receipt Record Page/Line #: <u>20-36</u>	New / Add To: <input type="checkbox"/> Project Chemist: <input type="checkbox"/> Sample #s: <input type="checkbox"/>

Recorded by (initials/date): <u>JN 11/25/14</u>	Cooler <input checked="" type="checkbox"/> Qty Received: <u>1</u>	Thermometer Used: <input checked="" type="checkbox"/> IR Gun (#202)	Digital Thermometer (#54) <input type="checkbox"/>	See Additional Cooler Information Form <input type="checkbox"/>
	Box <input type="checkbox"/> Other <input type="checkbox"/>	Other (# <u> </u>) <input type="checkbox"/>		

Cooler #	Time	Cooler #	Time	Cooler #	Time
<u>TR3484</u>	<u>2:33</u>				
Custody Seals: <input checked="" type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact	
Coolant Type: <input checked="" type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None	
Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom	
Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative	
Observed °C	Correction Factor °C	Actual °C	Observed °C	Correction Factor °C	Actual °C
Temp Blank:			Temp Blank:		
Sample 1:	<u>2.8</u>	<u>0</u>	<u>2.8</u>		
Sample 2:	<u>3.2</u>	<u>0</u>	<u>3.2</u>		
Sample 3:	<u>2.2</u>	<u>0</u>	<u>2.2</u>		
3 Sample Average °C: <u>2.9</u>		3 Sample Average °C:		3 Sample Average °C:	
<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?	
<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?	

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

<p>Paperwork Received</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Chain of Custody record(s)? If No, Initiated By _____</p> <p><input checked="" type="checkbox"/> Received for Lab Signed/Date/Time?</p> <p><input type="checkbox"/> Shipping document?</p> <p><input type="checkbox"/> Other _____</p> <p>COC Information</p> <p><input checked="" type="checkbox"/> TriMatrix COC <input type="checkbox"/> Other _____</p> <p>COC ID Numbers: <u>145912</u> <u>145907</u></p> <p>Check COC for Accuracy</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Analysis Requested?</p> <p><input checked="" type="checkbox"/> Sample ID matches COC?</p> <p><input checked="" type="checkbox"/> Sample Date and Time matches COC?</p> <p>Container type completed on COC?</p> <p><input type="checkbox"/> All container types indicated are received?</p> <p>Sample Condition Summary</p> <p>N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Broken containers/lids?</p> <p><input checked="" type="checkbox"/> Missing or incomplete labels?</p> <p><input checked="" type="checkbox"/> Illegible information on labels?</p> <p><input checked="" type="checkbox"/> Low volume received?</p> <p><input checked="" type="checkbox"/> Inappropriate or non-TriMatrix containers received?</p> <p><input checked="" type="checkbox"/> VOC vials / TOX containers have headspace?</p> <p><input type="checkbox"/> Extra sample locations / containers not listed on COC?</p>	<p>Check Sample Preservation</p> <p>N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Temperature Blank OR average sample temperature, ≥6° C?</p> <p><input type="checkbox"/> If either is ≥6° C, was thermal preservation required? If "Yes", Project Chemist Approval Initials: _____</p> <p><input type="checkbox"/> If "Yes" Completed Non Con Cooler - Cont Inventory Form? Completed Sample Preservation Verification Form?</p> <p><input checked="" type="checkbox"/> Samples chemically preserved correctly? If "No", added orange tag?</p> <p><input type="checkbox"/> Received pre-preserved VOC soils? <input type="checkbox"/> MeOH <input type="checkbox"/> Na₂SO₄</p> <p>Check for Short Hold-Time Prep/Analyses</p> <p><input type="checkbox"/> Bacteriological</p> <p><input type="checkbox"/> Air Bags</p> <p><input type="checkbox"/> EnCores / Methanol Pre-Preserved</p> <p><input type="checkbox"/> Formaldehyde/Aldehyde</p> <p><input type="checkbox"/> Green-tagged containers</p> <p><input type="checkbox"/> Yellow/White-tagged 1 L ambers (SV Prep-Lab)</p> <p style="text-align: center;">AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) <input checked="" type="checkbox"/> NONE RECEIVED <input type="checkbox"/> RECEIVED, COCs TO LAB(S)</p> <p>Notes</p> <p><input checked="" type="checkbox"/> Trip Blank received <input type="checkbox"/> Trip Blank not listed on COC</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Cooler Received (Date/Time): <u>JN 11/25/14</u></td> <td>Paperwork Delivered (Date/Time): <u>11/25/14</u></td> <td>≤1 Hour Goal Met? <u>Yes / No</u></td> </tr> </table>	Cooler Received (Date/Time): <u>JN 11/25/14</u>	Paperwork Delivered (Date/Time): <u>11/25/14</u>	≤1 Hour Goal Met? <u>Yes / No</u>
Cooler Received (Date/Time): <u>JN 11/25/14</u>	Paperwork Delivered (Date/Time): <u>11/25/14</u>	≤1 Hour Goal Met? <u>Yes / No</u>		



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.

148736

Analyses Requested

Pg. 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)

Container Type (corresponds to Container Packing List)	Number of Containers Submitted	Total	Sample Comments
VOC 8/60	1	1	

Client Name: TRC
 Project Name: TRC
 Client Project No. / P.O. No.: 004304001000
 Invoice To: Client Other (comments)

City, State, Zip: Ann Arbor MI 48108
 Phone/Fax: 7345712050 7349118000
 Email: Stacy.Mat

Project Chemical: JTR
 Work Order No.: 1412068

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	Matrix	Number of Containers Submitted	Total	Sample Comments
		01	MW-19s		11/24/14	1350	+6u +	1	2	
		02	DUP #03		11/24/14	—	+6u +	1	2	
		03	MW 6s		11/24/14	1412	+6u +	1	2	
		04	MW 11s		11/24/14	1543	+6u +	1	2	
		05	MW 19D		11/24/14	0803	+6u +	1	2	
		06	MW - 25s		11/24/14	0657	+6u +	1	2	
		07	MW 26s		11/24/14	0946	+6u +	1	2	
		08	MW 15s		11/24/14	1044	+6u +	1	2	
		09	MW 13s		11/24/14	1222	+6u +	1	2	
		10	MW 7s		11/24/14	1346	+6u +	1	2	

Sampled By (print): JAN
 Sampler's Signature: [Signature]
 Company: TRC

How Shipped? Carrier
 Tracking No.:

1. Released By: [Signature] Date: 11/24/14 Time:
 2. Requisitioned By: [Signature] Date: 12/21/14 Time:
 3. Requisitioned By: [Signature] Date: 12/21/14 Time:
 4. Received for Lab Use By: [Signature] Date: 12/21/14 Time:
 5. Received for Lab Use By: [Signature] Date: 12/21/14 Time:



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Chain of Custody Record

COC No.

148737

Analyses Requested

Pg.

2 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 ZnAc₂/NaOH pH>9
- G MeOH
- H Other (note below)

Container Type (corresponds to Container Packing List)	Time	Sample Comments
1608260		

Client Name: **TRC**

Project Name: **TPC**

Client Project No / P.O. No: **004304001.000**

Invoice To: Client Other (comments)

Contact/Report To: **Sfacy M ete**

Address: **1540 Eisenhower Plaza**

City/State/Zip: **Ann Arbor MI 48106**

Phone/Fax: **7349712000 349719000**

Email:

VOA Rack/Tray: **36X**

Receipt Log No: **58-36**

Project Chemist:

Work Order No.: **1418068**

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	E	F	G	H	Matrix	Number of Containers Submitted	Time	Sample Comments
01		11	MW-5s		11/25/14	1435							Low	2		
		12	MW-3les		11/25/14	1535							Low	2		
		13	MW-230		11/25/14	1630							Low	2		
		14	MW-20s		11/26/14	0620							Low	2		
		15	MW-20s		11/26/14	0620							Low	3		
02		14	MW-20s		11/26/14	0620							Low	2		
		15	MW-20D		11/26/14	0700							Low	2		
		16	MW-38s		11/26/14	0830							Low	2		
		17	MW-1s		11/26/14	0930							Low	2		
		18	MW-34s		11/26/14	1016							Low	2		
		19	MW-37s		11/26/14	1109							Low	2		

Comments

Sampled By (print): **Javier Jasso**

Sampler's Signature: *[Signature]*

Company: **TRC**

How Shipped? **Carrier**

Tracking No.

1 Requisitioned By: **Ma Helle**

Date: **12/11/14**

Time: **12:45**

2 Requisitioned By: *[Signature]*

Date: **11/27/14**

Time: **12:14**

3 Requisitioned By: *[Signature]*

Date: **12/21/14**

Time: **18:15**

4 Requisitioned By: *[Signature]*

Date: **12/21/14**

Time: **18:15**



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Chain of Custody Record

COC No.

148114

Analyses Requested

Pg. 1 of 1

← 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)

Container Type (corresponds to Container Packing List)	Number of Containers Submitted	Total	Sample Comments
VOC E200			

Client Name: **TRC**
 Project Name: **TPC**
 Address: **15405 Eisenhower Place**
 Client Project No. / P.O. No.: **044304001000**
 City/State/Zip: **Ann Arbor MI 48106**
 Invoice To: Client
 Other (comments)
 Phone/Fax: **734/971 7000 734/971/5000**
 Contact/Report To: **Stacy Math**

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	Matrix	Number of Containers Submitted	Total	Sample Comments
01		00	MU 391		11/24/14	0733	Low		2	
		01	MU 35		11/24/14	0617	Low		2	
		02	EB #03		11/24/14	0803	+ DI		2	
		03	MU 45		11/24/14	0910	Low		2	
		04	MU 41		11/24/14	1003	Low		2	
		05	MU 25		11/24/14	1050	Low		2	
		06	DUP #34		11/24/14		Low		2	
		07	MU 21		11/24/14	1139	Low		2	
		08	TRIO Blank #01				Low		1	

Sampled By (client): **JAVIER JASSA**
 How Shipped? **Carrier**
 Tracking No. _____
 Hand _____

Company: **TRC**
 1. Requested By: **[Signature]** Date: **11/24/14** Time: **1315**
 2. Received By: **[Signature]** Date: **12/24/14** Time: **1815**
 3. Returned By: **[Signature]** Date: **12/24/14** Time: **1815**



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Chain of Custody Record

COC No.

145909

Analyses Requested

Pg. 1 of 1

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)

Container Type (corresponds to Container Packing List)	Number of Containers Submitted	Total	Sample Comments
0 (09660)			

Client Name: **TRC Environmental Corp**
 Project Name: **TRC**
 Address: **1540 Eisenhower Place**
 City, State Zip: **Ann Arbor, MI 48108**
 Phone/Fax: **(734) 971-7080**
 Email: **stacy@trc.com**

Client Project No. / P.O. No.: **004304.0001**
 Invoice To: Client Other (comments)
 Contact/Report To: **Stacy Katz**

Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	C	D	E	F	G	H	Matrix	Number of Containers Submitted	Total	Sample Comments
01		29	SS-10S		12/11/14	1035							X	2	2	new 2
1		30	SS-10i			1105							X	2	2	GW 2

Sampled By (print): **C. Gregg**
 Sampler's Signature: *C. Gregg*
 Company: **TRC Environmental Corporation**

How Shipped? Hand Carrier
 Tracking No.:

Received By: **Christine Gregg** Date: **12/11/14** Time: **12:30**
 Received By: **TRC Sample Storage** Date: **12/11/14** Time: **12:30**

2. Reviewed By: *[Signature]* Date: **12/24/14** Time: **10:05**
 3. Approved For Lab Use By: *[Signature]* Date: **12/24/14** Time: **18:18**

WHITE COPY - REPORT

YELLOW COPY - LABORATORY

PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST



Client: <u>TRC</u>	Work Order #: <u>1412068</u>
Receipt Record Page/Line #: <u>38-30</u>	New / Add To: <input checked="" type="checkbox"/> Project Chemist: Sample #s:

Recorded by (initials/date): <u>JN 12/2/14</u>	<input checked="" type="checkbox"/> Cooler <input type="checkbox"/> Box <input type="checkbox"/> Other	Qty Received: <u>1</u>	Thermometer Used <input checked="" type="checkbox"/> IR Gun (#202) <input type="checkbox"/> Digital Thermometer (#54) <input type="checkbox"/> Other (# _____)	<input type="checkbox"/> See Additional Cooler Information Form
--	--	------------------------	---	---

Cooler #	Time	Cooler #	Time	Cooler #	Time	Cooler #	Time		
<u>TRC 7164</u>	<u>2310</u>								
Custody Seals: <input checked="" type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact		Custody Seals: <input type="checkbox"/> None <input type="checkbox"/> Present / Intact <input type="checkbox"/> Present / Not Intact			
Coolant Type: <input checked="" type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None		Coolant Type: <input type="checkbox"/> Loose Ice <input type="checkbox"/> Bagged Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None			
Coolant Location: Dispersed / Top / Middle / Bottom <input checked="" type="checkbox"/> Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom <input type="checkbox"/> Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom <input type="checkbox"/> Dispersed / Top / Middle / Bottom		Coolant Location: Dispersed / Top / Middle / Bottom <input type="checkbox"/> Dispersed / Top / Middle / Bottom			
Temp Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No		Temp Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No			
If Present, Temperature Blank Location is: <input checked="" type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative		If Present, Temperature Blank Location is: <input type="checkbox"/> Representative <input type="checkbox"/> Not Representative			
Observed °C	Correction Factor °C	Actual °C	Observed °C	Correction Factor °C	Actual °C	Observed °C	Correction Factor °C	Actual °C	
Temp Blank: <u>2.30</u>		<u>2.3</u>							
Sample 1: <u>5.60</u>		<u>5.6</u>							
Sample 2: <u>5.40</u>		<u>5.4</u>							
Sample 3: <u>6.10</u>		<u>6.1</u>							
3 Sample Average °C: <u>5.7</u>			3 Sample Average °C:			3 Sample Average °C:			
<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?		<input type="checkbox"/> Cooler ID on COC?	
<input checked="" type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?		<input type="checkbox"/> VOC Trip Blank received?	

If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form

Paperwork Received

Yes No

Chain of Custody record(s)? If No, Initiated By _____

Received for Lab Signed/Date/Time?

Shipping document?

Other _____

COC Information

TriMatrix COC Other _____

COC ID Numbers: _____

Check COC for Accuracy

Yes 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

Broken containers/lids?

Missing or incomplete labels?

Illegible information on labels?

Low volume received?

Inappropriate or non-TriMatrix containers received?

VOC vials / TOX containers have headspace?

Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A Yes No

Temperature Blank OR average sample temperature, ≥6° C?

If either is ≥6° C, was thermal preservation required?
If "Yes", Project Chemist Approval Initials: _____

If "Yes" Completed Non Con Cooler - Cont Inventory Form?
Completed Sample Preservation Verification Form?

Samples chemically preserved correctly?
If "No", added orange tag?

Received pre-preserved VOC soils?
 MeOH Na₂SO₄

Check for Short Hold-Time Prep/Analyses

Bacteriological

Air Bags

EnCores / Methanol Pre-Preserved

Formaldehyde/Aldehyde

Green-tagged containers

Yellow/White-tagged 1 L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)

NONE RECEIVED

RECEIVED, COCs TO LAB(S)

Notes

Trip Blank received Trip Blank not listed on COC

Cooler Received (Date/Time): <u>JN 12/2/14</u>	Paperwork Delivered (Date/Time): <u>12/2/14</u>	≤1 Hour Goal Met? <u>Yes / No</u>
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SAMPLE RECEIVING NON-CONFORMANCE REPORT

Client: TRC
 Receipt Log # 2830 Completed By (initials/date) JN 12/3/14
 Work Order # 142068
 Project Chemist JLR

List non-conformance issues associated with this work order in the chart below/left. Identify discrepancies between the COC and sample tags in the chart below/right. Add comments as needed.

COC ID #	Line #	Type of Problem										COC				Sample Tag				Line Item Comments		
		Discrepancy	Missing Container	Broken Container	Label Missing / Incomplete	Label Illegible	Low Volume	Inappropriate Container	Headspace	Not Listed on COC	Preservation	Sample Field ID	Date Sampled	Time Sampled	Container Type	Qty	Sample Field ID	Date Sampled	Time Sampled		Container Type	Qty
<u>H8732</u>	<u>1</u>							<input checked="" type="checkbox"/>			<u>NW-195</u>					<u>102</u>						
	<u>3</u>							<input checked="" type="checkbox"/>			<u>NW-65</u>					<u>105</u>						
<u>H87379</u>								<input checked="" type="checkbox"/>			<u>NW-345</u>					<u>105</u>						

General Comments:

Project Chemist (initials/date)

Technical Memorandum

Attachment 2 Data Validation Report

Laboratory Data Validation

November 2014 Groundwater Monitoring Event Former Tecumseh Products Company Site Tecumseh, Michigan

Four trip blanks, three equipment rinsate blanks, and seventy-three groundwater samples, including four duplicates, were collected from November 11 to December 1, 2014. These samples were analyzed by TriMatrix Laboratories, located in Grand Rapids, Michigan. The samples were analyzed for volatile organic analytes by USEPA Method 8260 B following protocols specified in the Quality Assurance Project Plan (QAPP) for the former Tecumseh Products Company (TPC) site in Tecumseh, Michigan. TRC performed a validation of the laboratory data. The following sections summarize the data validation procedure and the results of the validation.

Validation Procedure

The analytical data were validated using the USEPA National Functional Guidelines for Organic Data Review (USEPA, 2008). The data validation included a review of the spike, duplicate, and blank results from the laboratory, as well as verification that the sample holding times were met. TRC reviewed additional QC information to check for appropriate matrix performance using the analytical method specified by the laboratory. The procedures TRC used to evaluate data in general included the following items:

- Checked technical holding times for analyses and sample receipt temperature;
- Reviewed QC data for blanks, matrix spikes, laboratory duplicates, and laboratory control samples;
- Determined field precision from blind field duplicate data; and
- Assessed the usability of the data.

The data validation report addresses the following items:

- Usability of the data if QC results suggest potential problems with all or some of the data;
- Potential sample contamination due to blank contributions; and
- Actions regarding specific QC criteria exceedances.

TRC reviewed internal standard areas and retention times, method blanks, project-specific matrix spike and matrix spike duplicate (MS/MSD) recoveries, field and laboratory duplicate relative percent differences (RPDs), Laboratory Control Sample (LCS) recoveries, holding times, and temperature.

Findings

The data quality objectives and laboratory completeness goals for the project were met, and the data are usable. The procedures specified in the methods were implemented, and the data packages were found to contain all of the deliverables necessary for validation of the analytical data. The discussion that follows describes the QA/QC results and evaluation.

- The laboratory met technical holding times for all samples. The sample temperatures met QC limits.
- Headspace was found in one of the two vials submitted for the following samples: MW-27s, MW-14d, MW-19s, MW-6s, and MW-34s. The laboratory analyzed samples from the vials with no headspace; therefore, data qualification is not required. Effort should be made in the future by the sampler to prevent headspace during sample collection.
- Surrogate recoveries met QC limits for all samples.
- Internal standard areas and retention times were reviewed and found to be within acceptable QC limits.
- The laboratory performed an LCS with each analytical batch. Recoveries were within the laboratory control limits, with the following exception:
 - Batch 1413430, recovery for trichloroethene (124%) was above control limits (82-119%). Trichloroethene was not detected in any of the associated samples; therefore, no data qualification is necessary.
- Contaminants were not detected in the trip blanks or in the equipment rinsate blanks.
- Contaminants were not detected in the method blanks, with the following exceptions:
 - Batches 1413820, 1413889, and 1413942, 2-methylnaphthalene was detected at 6.2 µg/L, 6.0 µg/L, and 6.3 µg/L, respectively. 2-Methylnaphthalene was not detected in any of the associated samples; therefore, no data qualification is necessary.
- Four field duplicate samples were collected. Dup-01 corresponded with sample MW-32d, Dup-02 corresponded with sample MW-14d, Dup-03 corresponded with sample MW-19s, and Dup-04 corresponded with sample MW-21. RPDs were within QC limits. There were no laboratory duplicates.
- MS/MSD analyses were performed on samples MW-31, MW-34d, MW-10s, MW-20s, and MW-4s. Recoveries and RPDs were within QC limits.
- Continuing calibration verification (CCV) recoveries were outside of laboratory control limits for several constituents:
 - CCV recoveries exceeded control limits for 1,2,3-trichlorobenzene, 2-methylnaphthalene, acrylonitrile, methyl tert-butyl ether, naphthalene, and tetrahydrofuran in samples EB-01, Seep, MW-32d, Dup-01, NS-19d, NS-18d, NS-18i, NW-18s, NS-20s, NS-20i, MW-33s, and MW-32s. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.

- CCV recoveries exceeded control limits for 2-methylnaphthalene and bromomethane in samples NS-19s, NS-19i, TB-02, EB-02, MW-35d, MW-34d, SS-10d, MW-36d, MW-39d, and MW-8d. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.
- CCV recoveries exceeded control limits for 2-methylnaphthalene, bromomethane, and trichloroethene in samples MW-40s, MW-40d, MW-27d, MW-24s, MW-24d, MW-28s, MW-28d, MW-30s, MW-30d, MW-12d, and MW-12s. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.
- CCV recoveries exceeded control limits for 2-methylnaphthalene and chloroethane in MW-27s. These constituents were not detected in the above samples; therefore, data qualification is unnecessary.
- CCV recoveries exceeded control limits for carbon tetrachloride and trichlorofluoromethane in samples MW-23, MW-20d, MW-38s, MW-1s, MW-34s, MW-37s, MW-39s, MW-3s, EB-03, MW-4s, MW-4i, MW-2s, MW-21, TB-01, SS-10s, and SS-10i. **Carbon tetrachloride was detected in MW-34s and is flagged “j+.”** No other constituents were detected in the remaining samples; therefore, further data qualification is unnecessary. NOTE: The reported concentration of carbon tetrachloride at MW-34s was equal to the detection limit and had not been detected at this or any other monitoring well location in the past. Given the noted high bias in the data quality review, this datum is not considered valid and was not included in Table 5 of the Groundwater Monitoring Technical Memorandum which summarizes results for detected volatile organic compounds.
- CCV recoveries exceeded control limits for 1,1,1-trichloroethane, bromoform, bromomethane, and carbon tetrachloride in sample Dup-04. **1,1,1-Trichloroethane was detected in Dup-04 and is flagged “j+.”** No other constituents were detected in the remaining samples; therefore, further data qualification is unnecessary.
- CCV recoveries were lower than control limits for iodomethane in samples MW-17s, WL-01, MW-31, Trip Blank, and MW-22. Iodomethane was not detected in any of these samples. Historically, iodomethane has not been detected in these samples; therefore, data qualification is unnecessary.

Prepared by: Jennifer Meek

Reviewed by: Terry Hertz