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CATEGORY "S"
BASELINE ENVIRONMENTAL ASSESSMENT
FORMER TECUMSEH PRODUCTS PLANT
100 AND 101 EAST PATTERSON STREET
TECUMSEH, MICHIGAN
ATC PROJECT NO.: 39.02922.8N01

VOLUME 1 OF 3

US EPA ARCHIVE DOCUMENT

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY
BEA Disclosure #_____

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. *Please answer the following questions as completely as possible.*

Name and address of submitter (individual or legal entity):*
Tecumseh Bakery, LLC
312 Radar Road
McComb, Ohio 45858

Status relative to the property:

	Former	Current	Prospective
Owner*	☐	☒	☐
Operator*	☐	☐	☐

Address/location of property where BEA was conducted:
100 and 101 East Patterson Street
City of Tecumseh
Michigan 49286

County: Lenawee

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
Parcel Nos.: 325 0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00

Contact person: Mr. David W. Nunn Telephone #: 419.247.1672

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:
Eastman and Smith, LTD
One Seagate 24th Floor
P.O. Box 10032
Toledo, OH 43699-0032

Check the appropriate response to each of the following questions.

	YES	NO
1. Is it known that the source of contamination at the property is primarily from any of the following?		
• **A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.**	☐	☒
• **A licensed landfill or solid waste management facility.**	☐	☒
• **A licensed hazardous waste treatment, storage, or disposal facility.**	☒	☐
• **Oil and gas development related activities.**	☐	☒

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:

Category N	☐
Category D	☐
Category S	☒

	YES	NO
3. Is the property at which the BEA was conducted a "facility"* as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.	☒	☐

4. **Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)?** If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES ☒ NO ☐

5. **Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure?** All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES ☒ NO ☐

6. **Are any USTs or abandoned or discarded containers identified in the BEA?** If yes, this information must be provided on Form EQP4476. YES ☐ NO ☒

7. **Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)?** If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES ☒ NO ☐

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature of Submitter: William H Varney
(Person legally authorized to bind the person seeking liability protection)

1-22-10
Date

Name (Typed or Printed) Mr. William H. Varney

Title Vice President, Tecumseh Bakery, LLC

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

AFFIDAVIT IN SUPPORT OF A DISCLOSURE RELYING ON ISOLATION ZONES OR ENGINEERING CONTROLS OR OTHER SIMILAR FEATURES FOR A BASELINE ENVIRONMENTAL ASSESSMENT (FORM EQP4479 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

STATE OF Ohio)
)
COUNTY OF Hancock)

The purpose of this Affidavit is to set forth certain information and documentation to enable the Michigan Department of Environmental Quality (hereinafter the "DEQ") to make a finding of adequacy, at a time the DEQ determines to be appropriate, on the Baseline Environmental Assessment ("BEA") disclosed pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (hereinafter the "NREPA"), 1994 PA 451, as amended. All terms found in this document which are defined in the NREPA, Part 3, Part 201, and the Part 201 Rules, shall have the same meaning as in the statute and the Part 201 Rules.

The undersigned Affiant, being first duly sworn, deposes and says as follows:

1. **THIS AFFIDAVIT** is executed by the undersigned Mr. William H. Varney, whose title is Vice President, on behalf of Tecumseh Bakery, LLC (hereinafter "the Submitter") located at 312 Radar Road, McComb, Ohio 45858.

2. The Submitter purchased a property located at 100 and 101 East Patterson Street, City of Tecumseh, Lenawee County, Michigan 49286 (hereinafter the "Property") on December 11, 2009.

3. The Property referred to in this BEA is a "Facility."

4. The language in this Affidavit does not deviate from that in the model Affidavit, Form EQP4479 (Rev. 4/03), except as provided for in item #6.

5. The BEA included in this disclosure was conducted on 1/18/2010 and completed on 1/29/2010. The BEA, to the best of the Submitter's knowledge and belief, reasonably defines the existing conditions and circumstances at the facility so that in the event of a release subsequent to the Submitter's purchase of the Property, there is a means of distinguishing any new release from existing contamination.

6. The submitter acknowledges that if there is a failure of an engineering control or similar feature identified in the BEA, and if a release occurs as a result of the failure, the BEA does not provide an exemption to liability for response activity necessary to address contamination resulting from the failure. The burden of distinguishing the release attributable to the failure of the engineering control from existing contamination shall be borne by the submitter according to Section 29 of Part 201.

I affirm that the above representations are true and are based upon my personal knowledge and belief after all reasonable inquiry.

I certify that I am legally authorized to execute this Affidavit and to bind the Submitter to the terms and conditions of this Affidavit.

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I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to $25,000 for each violation.

I acknowledge that this Affidavit has been provided pursuant to Section 20126(1)(c) of the NREPA and Rule 909 of the rules promulgated thereunder.

William H Varney
Signature of Submitter or Person Legally Authorized to Bind Submitter

1-22-10
Date

Mr. William H. Varney, Vice President
Print or Type Legal Name

SUBSCRIBED AND SWORN to before me this 22ND day of JANUARY, 2010, a Notary Public in and for HANCOCK County, ~~Michigan~~. OHIO

Diane L. Courtright
Notary Public

My Commission Expires: Diane L. Courtright
Notary Public
Hancock County State of Ohio
Comm. Expires Feb 4, 2014

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY
BEA Disclosure #_____

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

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Consolidated Biscuit Company
312 Radar Road
McComb, Ohio 45858

Status relative to the property:

	Former	Current	Prospective
Owner*	☐	☐	☐
Operator*	☐	☐	☒

Address/location of property where BEA was conducted:
100 and 101 East Patterson Street
City of Tecumseh
Michigan 49286

County: Lenawee

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
Parcel Nos.: 325 0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00

Contact person: Mr. David W. Nunn Telephone #: 419.247.1672

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:
Eastman and Smith, LTD
One Seagate 24th Floor
P.O. Box 10032
Toledo, OH 43699-0032

Check the appropriate response to each of the following questions.

	YES	NO
1. Is it known that the source of contamination at the property is primarily from any of the following?		
• **A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.**	☐	☒
• **A licensed landfill or solid waste management facility.**	☐	☒
• **A licensed hazardous waste treatment, storage, or disposal facility.**	☒	☐
• **Oil and gas development related activities.**	☐	☒

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:

Category N	☐
Category D	☐
Category S	☒

	YES	NO
3. Is the property at which the BEA was conducted a "facility"* as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.	☒	☐

4. **Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)?** If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES ☒ NO ☐

5. **Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure?** All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES ☒ NO ☐

6. **Are any USTs or abandoned or discarded containers identified in the BEA?** If yes, this information must be provided on Form EQP4476. YES ☐ NO ☒

7. **Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)?** If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES ☒ NO ☐

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature of Submitter: William H Varney
(Person legally authorized to bind the person seeking liability protection)

1-22-10
Date

Name (Typed or Printed) Mr. William H. Varney

Title Vice President, Consolidated Biscuit Company

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

AFFIDAVIT IN SUPPORT OF A DISCLOSURE RELYING ON ISOLATION ZONES OR ENGINEERING CONTROLS OR OTHER SIMILAR FEATURES FOR A BASELINE ENVIRONMENTAL ASSESSMENT (FORM EQP4479 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

STATE OF Ohio)
)
COUNTY OF Hancock)

The purpose of this Affidavit is to set forth certain information and documentation to enable the Michigan Department of Environmental Quality (hereinafter the "DEQ") to make a finding of adequacy, at a time the DEQ determines to be appropriate, on the Baseline Environmental Assessment ("BEA") disclosed pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (hereinafter the "NREPA"), 1994 PA 451, as amended. All terms found in this document which are defined in the NREPA, Part 3, Part 201, and the Part 201 Rules, shall have the same meaning as in the statute and the Part 201 Rules.

The undersigned Affiant, being first duly sworn, deposes and says as follows:

1. **THIS AFFIDAVIT** is executed by the undersigned Mr. William H. Varney, whose title is Vice President, on behalf of Consolidated Biscuit Company (hereinafter "the Submitter") located at 312 Radar Road, McComb, Ohio 45858 .

2. The Submitter plans to occupy a property located at 100 and 101 East Patterson Street, City of Tecumseh, Lenawee County, Michigan 49286 (hereinafter the "Property") on a future date.

3. The Property referred to in this BEA is a "Facility."

4. The language in this Affidavit does not deviate from that in the model Affidavit, Form EQP4479 (Rev. 4/03), except as provided for in item #6.

5. The BEA included in this disclosure was conducted on 1/18/2010 and completed on 1/29/2010. The BEA, to the best of the Submitter's knowledge and belief, reasonably defines the existing conditions and circumstances at the facility so that in the event of a release subsequent to the Submitter's occupancy of the Property, there is a means of distinguishing any new release from existing contamination.

6. The submitter acknowledges that if there is a failure of an engineering control or similar feature identified in the BEA, and if a release occurs as a result of the failure, the BEA does not provide an exemption to liability for response activity necessary to address contamination resulting from the failure. The burden of distinguishing the release attributable to the failure of the engineering control from existing contamination shall be borne by the submitter according to Section 29 of Part 201.

I affirm that the above representations are true and are based upon my personal knowledge and belief after all reasonable inquiry.

I certify that I am legally authorized to execute this Affidavit and to bind the Submitter to the terms and conditions of this Affidavit.

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I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to $25,000 for each violation.

I acknowledge that this Affidavit has been provided pursuant to Section 20126(1)(c) of the NREPA and Rule 909 of the rules promulgated thereunder.

William H Varney — 1-22-10

Signature of Submitter or Person Legally Authorized to Bind Submitter — Date

Mr. William H. Varney, Vice President
Print or Type Legal Name

SUBSCRIBED AND SWORN to before me this 22ND day of JANUARY, 2010, a Notary Public in and for HANCOCK County, ~~Michigan.~~ OHIO

Diane L. Courtright
Notary Public

My Commission Expires: ~~Diane L. Courtright~~
Notary Public
Hancock County State of Ohio
Comm. Expires Feb 4, 2014

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CATEGORY "S" BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(C) OF 1994 PA 451, PART 201, AS AMENDED, AND THE RULES PROMULGATED THEREUNDER

FORMER TECUMSEH PRODUCTS PLANT
100 AND 101 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

PREPARED FOR:

TECUMSEH BAKERY, LLC
CONSOLIDATED BISCUIT COMPANY
C/O EASTMAN AND SMITH, LTD.
ONE SEAGATE 24TH FLOOR
P.O. BOX 10032
TOLEDO, OHIO 43699-0032
ATTENTION: MR. DAVID W. NUNN

PREPARED BY:

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE NO. 100
NOVI, MICHIGAN 48377

JANUARY 21, 2010

ATC PROJECT NO.: 39.02922.8N01

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Appendix F - ATC's Phase II Environmental Site Assessment Report

Appendix G - RMT's Current Conditions Report

Appendix H - List of Approved Hazardous Substances for On-site Use/Storage, List of Prohibited Hazardous Substances and Material Safety Data Sheets

Appendix I - Boring Logs

Appendix J - Laboratory Analytical Summary Tables

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1.0 AUTHORS AND DATES BEA WAS CONDUCTED AND COMPLETED

This Baseline Environmental Assessment (BEA) was prepared by the following ATC Associates Inc. (ATC) representatives:

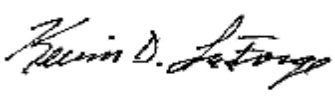
- **Kevin D. LaForge**

  Mr. LaForge is a Senior Project Manager with over 19 years of experience relating to environmental and geotechnical consulting services. His current responsibilities include project management, report preparation, and communicating with State of Michigan regulatory agencies with regard to site activities including Phase II Environmental Site Assessments (Phase II ESAs), BEAs, and leaking underground storage tank (LUST) site assessments.

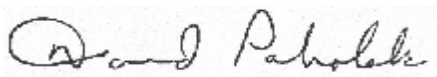
- **David M. Paholak**

  Mr. Paholak is a Branch Manager with over 25 years of experience relating to environmental consulting services. His current responsibilities include senior project management and senior report review. He is a Certified Underground Storage Tank Professional (CUSTP) in Michigan.

The resumes of the environmental professionals identified above are included in Appendix A and, if applicable, the Affidavits from Petitioner and/or Responsible Environmental Professional are included in Appendix B. This BEA was conducted by ATC on January 18, 2010 and completed on January 21, 2010.



Kevin D. LaForge
Senior Project Manager



David M. Paholak
Branch Manager

2.0 INTRODUCTION

ATC was retained by Consolidated Biscuit Company, the parent company of Tecumseh Bakery, LLC (the "client") c/o Eastman and Smith, LTD, to perform a Category "S" BEA for a property which consists of approximately 53.685-acres of developed land and commonly addressed as 100 and 101 East Patterson, City of Tecumseh, Lenawee County, Michigan 49286 (the "site"). The site includes the following Parcel Numbers: 325-0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00. Please refer to Appendix C – Figures and Legal Description for details. The client intends to seek statutory protection from liability for potential environmental response costs associated with environmental contamination existing at the site, pursuant to State of Michigan, Public Act 451 (P.A. 451) of 1994, as amended, Part 201, Section 20126(1)(c).

The BEA has been prepared in accordance with the Minimum Technical Standards for BEAs Conducted Under Section 20126(1)(c) of 1994 PA 451, as amended and identified by the Michigan Department of Environmental Quality (MDEQ) in its March 11, 1999 "Instructions for Preparing and Disclosing a BEA to the MDEQ and for Requesting Optional Determinations."

Based on the proposed future utilization of the site as a warehouse for bakery equipment and/or packaging/preparing baked goods, with utilization and/or storage of some of the same potentially hazardous substances which define the site as an environmental facility, the site is classified as a Category "S" BEA property (in accordance with the Minimum Technical Standards identified by the MDEQ). Since all the parcels (325-0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00) of land have been utilized in the past for the same commercial/industrial purposes and by the same owner, the client is requesting liability protection for all the Parcel Numbers (approximately 53.685 acres of land) identified above. In preparing this BEA, ATC utilized the data collected by Atwell-Hicks Development Consultants (Atwell Hicks) and contained in their Phase I Environmental Site Assessment (Phase I ESA) report dated October 9, 2008 and utilized data collected by ATC in November and December 2008, and January and February 2009, as documented in ATC's Phase II ESA report dated September 4, 2009. ATC also utilized limited

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data collected by RMT, Inc. (RMT) and contained in their Current Conditions Report dated September 21, 2009 and additional information obtained while ATC was preparing a Phase I ESA update with a report date of October 7, 2009. Please refer to Appendix D for a copy of Atwell Hick's Phase I ESA report; Appendix E contains a copy of ATC's Phase I ESA Update Report; Appendix F contains ATC's Phase II ESA report; and, Appendix G contains RMT's Current Conditions Report.

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3.0 PROPERTY DESCRIPTION AND INTENDED HAZARDOUS SUBSTANCE USE

3.1 Property Description

The site consists of approximately 53.685-acres of developed land commonly refered to as 100 and 101 East Patterson Street, City of Tecumseh, Lenawee County, Michigan. The site is associated with the following Parcel Numbers: 325-0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00. The site is irregularly-shaped and occupied by a large industrial building and several smaller industrial buildings on the south side of East Patterson Street (Lots 24 and 25) and two (2) office buildings on the north side of East Patterson Street (Lots 13, 14 and 15). The site is currently operated by Tecumseh Products Company (the "operator"). The area surrounding the site is currently a mix of commercial/industrial and residential properties to the north, commercial/industrial and residential properties to the south and east, and residential properties to the west. Please refer to Appendix C – Figures and Legal Description for details. Additional maps are contained in RMTs Current Conditions Report in Appendix – G.

3.2 Intended Hazardous Substance Use

Tecumseh Bakery, LLC purchased the site on December 11, 2009. At the time of purchase, the site was approximately 90% vacant with Tecumseh Products Company utilizing approximately 10% of the site for on-going design/engineering, product testing and office activities. Tecumseh Bakery, LLC is leasing the site to Consolidated Biscuit Company, who in turn is subleasing space to Tecumseh Products Company. Tecumseh Bakery LLC and/or Consolidated Biscuit Company are now using or expect to use in the future a portion of the site to warehouse bakery equipment and/or as a commercial bakery (with preparation/packaging of baked goods). Tecumseh Products Company will continue to utilize 10% of the site for design/engineering, product testing and office activities. Tecumseh Bakery, LLC and/or Consolidated Biscuit Company may lease or sublease out a portion(s) of the unoccupied areas of the site for other uses in the future. Tecumseh Products Company, Tecumseh Bakery, LLC and/or Consolidated Biscuit Company are expected to use/store potentially hazardous substances in the future at the site. No chlorinated

volatile organic compounds (VOCs) are/will be used/stored on-site by any current or future parties. Based on the supplied Material Safety Data Sheets (MSDS) and lists of proposed chemicals to be utilized/stored on-site in the future, Tecumseh Products Company,Tecumseh Bakery, LLC and/or Consolidated Biscuit Company are expected to utilize/store significant quantities of hazardous substances and some of the substances will contain constituents which were detected on-site above the cleanup criteria as documented in ATC's Phase II ESA Report and RMT's Current Conditions Report. Based on a review of the aforementioned documents, it appears there will be storage/use of significant quantities of materials which contains the following constituents that define the site as an environmental "facility": 1,2,4-TMB; 1,3,5-TMB; n-butyl benzene; ethylbenzene; naphthalene; n-propyl benzene; and, xylenes. For details regarding proposed potential hazardous substance storage/use, please refer to Appendix H – List of Approved Hazardous Substances for on-site use/storage, List of Prohibited Hazardous Substances and MSDSs.

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4.0 KNOWN CONTAMINATION

4.1 Soil and Groundwater Investigation

Based on the data collected during the completion of Atwell's Phase I ESA report, the site was determined to have been utilized from the early 1900's until the present for commercial and industrial purposes which appears to have included the storage and/or use of potentially hazardous substances. In addition, the site has been identified as a Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS NFRAP), a Corrective Action Report (CORRACTS), a Resource Conservation Recover Act-Treatment, Storage, and Disposal (RCRA-TSDF), a National Pollutant Discharge Elimination System (NPDES), a Pollution Emergency Alert System, Spills (PEAS, SPILLS), and an underground storage tank (UST) site. Additionally, Atwell identified the presence of stressed or missing grass cover near the southern boundary of the site and stained ground surface near a bank of three (3) electrical transformers located to the west of the main site building. Due to the above, Atwell recommended a Phase II ESA be performed.

Based on the above, ATC was retained by the client to perform a Phase II ESA in an attempt to determine the following: identify USTs, if present, in the former UST area (as identified by site personal on November 5, 2008) by performing a Ground Penetrating Radar (GPR) Survey; and, attempt to determine if the site meets the definition of a facility. As a result of the findings in ATCs Phase II investigation, RMT was retained by Tecumseh Products Company to investigate the presence of VOCs in soil and groundwater both on-site and off-site, which work is presented in the previously referenced Current Conditions Report. The data collected during ATC's Phase II ESA and RMT's investigation indicates the presence of soil and groundwater impact at concentrations which define the site as an environmental "facility" in accordance with P.A. 451, Part 201. A brief summary of ATC's subsurface investigation results are included in this BEA with ATC's report contained in Appendix F and the details of RMT's subsurface investigation documented in its Current Conditions Report in Appendix G.

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ATC's investigation was conducted on December 15, 16 and 22, 2008, January 14 and 15, 2009 and February 2, 2009. ATC advanced a total of thirty-two (32) Geoprobe® and/or hand auger borings (identified as GP-1 through GP-30, HB-31 and HB-32) on-site. The boring locations were selected based on the presence of potential environmental concerns identified as a result of Atwell's Phase I ESA report and ATC's visual reconnaissance and records review. Boring locations were also selected based on general site conditions and to provide general coverage of the site based on an expected groundwater flow direction to be east. The borings were advanced to visually classify the lithology and to collect soil and/or groundwater samples for field screening and/or laboratory analysis. The borings were advanced to depths up to 45 feet below ground surface (bgs) with soil and/or groundwater samples collected from each boring for laboratory analysis. The samples were analyzed for a combination of analytical constituents to include the following: VOCs, semi-volatile organic compounds (SVOCs), polynuclear aromatic hydrocarbons (PNAs), polychlorinated biphenyls (PCBs), arsenic, barium, cadmium, chromium, copper, lead, mercury, silver, selenium, zinc and/or total cyanide. The laboratory performed the analysis utilizing United States Environmental Protection Agency (USEPA) SW846 Laboratory Methods 8260/5035 (VOCs with methanol preservation in the field), 8270 (PNAs/SVOCs), 8081/8082 (PCBs), Series 200/6000/7000 (metals) and 9010 (total cyanide). Soil samples were collected from GP-1 through HB-32 and field screened for the presence of staining, odors and total organic volatiles (TOVs) utilizing a photo-ionization detector (PID). Please refer to the Appendix C which contains Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps and Appendix J for summary tables of detected laboratory parameters. Also, please refer to Appendix I - Boring Logs for PID results and for the sampling rationale, please refer to Appendix J, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results and also to Table 7 – Survey and Gauging Data.

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Based on ATC's field screening results, one (1) soil sample from borings GP-1, GP-3, GP-4, GP-6, GP-7, GP-9, GP-10, GP-12, GP-14, GP-15 GP-16, GP-17, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27, GP-28, GP-29, HB-31 and HB-32 was selected for submittal for laboratory analysis from a depth representing a potentially impacted sample interval(s).

During ATC's investigation, groundwater was encountered across the site and groundwater samples were collected for laboratory analysis for a combination of parameters to include the following: VOCs, SVOCs, PNAs, PCBs, metals and/or cyanide. Groundwater was not sampled at boring GP-30 due to auger refusal and borings HB-31 and HB-32 were shallow hand auger borings terminated prior to reaching groundwater. The laboratory analytical services and Geoprobe services were provided by Lakeland Laboratories, Inc. located in Pinckney, Michigan (Lakeland) and Fibertec Environmental Services located in Brighton, Michigan (Fibertec), respectively. Lakeland utilized the same USEPA Laboratory Methods for groundwater analysis as referenced for soil sample analysis. For details on sample locations, selected laboratory analysis and for information regarding the sampling rationale, please refer to Appendix F for a copy of ATC's Phase II ESA report and for the sampling rationale, please refer to Appendix J, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results.

Based on ATC's observations during the advancement of GP-1 through HB-32, the surface cover inside the building consisted of approximately 6-inches of concrete and the surface cover outside the building consisted of asphalt, grass/topsoil and/or bare soil. Below the surface cover, the soils generally consisted of sand and/or clay fill material which contained miscellaneous debris to include brick fragments, other debris, and/or slag-stones which were encountered to depths ranging from 1 to 7 feet bgs. The fill material was followed by coarse sand with varying amounts of gravel which extended to the terminus of the borings. At the time of boring advancement, and with the exception of GP-24 where groundwater was present at approximately 8 feet bgs at the eastern edge of the site, the depth to groundwater generally ranged from approximately 24-26

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feet bgs. Based on the presence of sandy soil with groundwater, a groundwater aquifer as defined by the MDEQ is present. Please refer to Appendix G – Boring Logs for descriptions of the soil types observed on-site.

RMT's Current Conditions Report documents the advancement of over approximately forty on-site and off-site soil borings and monitoring wells which were installed from approximately April through August 2009. The report also documents the sampling and laboratory analytical program with detailed laboratory results. For details please refer to RMT's report which is contained in Appendix G.

4.1.1 Field Screening and Soil Sample Laboratory Analytical Results

The soil samples collected by ATC for PID field screening from GP-1 through HB-32 indicated PID readings ranging from 0.1 ppm at GP-1 to 49.1 ppm at GP-12. Additionally, sand and/or clay fill material with debris (e.g., brick fragments) was observed from near grade level to 7 feet bgs.

The laboratory analytical results for the soil samples collected from ATC's GP-1 through HB-32 (where analyzed) indicated the presence of one (1) or more metals concentrations above the laboratory detection limits. The metals concentrations ranged from 0.08 milligrams per kilogram (mg/kg) of cadmium at GP-17 (3'-5' bgs) to 260 mg/kg of zinc at GP-27 (1'-3' bgs). The soil sample laboratory analytical results also indicated the presence of one (1) or more VOCs at borings GP-3; GP-6, GP-7, GP-9, GP-10, GP-12, GP-14, GP-15, GP-16, GP-17, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27 and GP-28. The detected VOCs included the following: n-butylbenzene, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-dichlorothene (1,1-DCE), ethylbenzene, n-propylbenzene, tetrachloroethene (PCE), toluene, 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), 1,2,4-trimethylbenzene (1,2,4-TMB), 1,3,5-trimethylbenzene (1,3,5-TMB) and xylenes. The above referenced VOCs ranged in concentration from 64 micrograms per kilogram (ug/kg) of ethylbenzene at GP-27 (1'-3' bgs) to 43,000 ug/kg of TCE at GP-14 (1'-3' bgs). In addition, the

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soil samples from GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-26 (3'-5' bgs) and HB-31 (6" bgs) also indicated the presence of PNAs to include one (1) or more of the following: anthracene, acenaphthylene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. The above PNAs were detected at concentrations ranging from 400 ug/kg of anthracene at GP-26 (3'-5'bgs) to 13,000 ug/kg of fluoranthene at GP-31 (6" bgs).

Since metals can be naturally occurring in soils, ATC compared the detected metals results to the Default Background Levels contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, several metals (arsenic, barium cadmium, chromium, copper, lead, selenium, and zinc) were detected in soil above the Default Background Levels at borings GP-1, GP-4, GP-6, GP-7, GP-9, GP-15, GP-16, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27, GP-28, GP-29 and/or HB-31. Based on the subsurface conditions on-site (i.e., presence of a groundwater aquifer), ATC also compared the detected metals results to the Residential and Commercial I (R/C I), Drinking Water Protection Criteria (DWPC) and Direct Contract Criteria (DCC) contained in Memo No. 1 of P.A. 451, Part 201. Based on this comparison, arsenic was detected at concentrations above the R/C I DCC and/or DWPC at GP-1 (3'-5' bgs), GP-4 (4'-6' bgs), GP-6 (3'-5' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-25 (1'-2' bgs) and GP-27 (1'-3' bgs). The soil sample from GP-27 (1'-3' bgs) and HB-31 (6" bgs) also indicated the presence of cadmium above the R/C I DWPC. ATC notes performance of a background soil survey for metals would be necessary to attempt to determine if the metals detected on-site are due to naturally occurring metals or due to historic on-site/off-site activities.

ATC also compared the detected PNAs and VOCs in soil to the R/C I DWPC, DCC and to the Soil Volatilization to Indoor Air Inhalation Criteria (SVIAIC) contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, concentrations of cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA and/or TCE were detected above the R/C I, DWPC at the following locations: GP-3 (6'-8' bgs), GP-6 (3'-5' bgs), GP-7 (2'-4' bgs), GP-9 (5'-7' bgs), GP-10 (2'-4' bgs), GP-12 (5'-

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7' bgs), GP-14 (1'-3' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-17 (3'-5' bgs), GP-21 (3'-5' bgs), GP-22 (8'-10' bgs), GP-23 (3'-5' bgs), GP-25 (1'-2' bgs), GP-26 (1'-3' bgs), GP-27 (1'-3' bgs) and GP-28 (21'-23' bgs). The soil samples from GP-14 (1'-3' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs) and GP-25 (1-2' bgs) indicated the presence of TCE at concentrations of 43,000 ug/kg, 38,000 ug/kg, 7,600 ug/kg and 8,600 ug/kg, respectively, which are above the R/C I, SVIAIC of 7,100 ug/kg in Memo No. 1. In addition, the three (3) soil samples from GP-9 (5'-7' bgs), GP-14 (1'-3' bgs) and GP-15 (3'-5' bgs) indicated the presence of 1,1-DCE above the R/C I, SVIAIC of 62 ug/kg. The concentrations of TCE detected at GP-14 (43,000 ug/kg) and GP-15 (38,000 ug/kg); and the concentrations of 1,1-DCE detected at GP-15 (360 ug/kg), were also above the Commercial II, III, IV and Industrial SVIAIC of 37,000 ug/kg (for TCE) and 330 ug/kg (for 1,1-DCE). Please refer to the Appendix C which contains Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps, and Appendix H which contains summary tables of detected laboratory parameters.

In addition to the soil sample results from ATC's investigation, RMT identified seven (7) additional laboratory parameters (n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, 1,3,5-TMB, xylenes and vinyl chloride) which were detected at one (1) or more borings identified as NS-6, NS-9, and/or NS-10 and at concentrations above the R/C I DWPC contained in Memo No.1. It appears that the above constituents were not detected above the R/C I SVIAIC or the DCC in Memo No.1. RMT also identified the presence of chlorinated VOCs in soil which were also identified during ATC's investigation. For details regarding RMT's soil investigation, please refer to RMT's Current Conditions Report contained in Appendix G.

4.1.2 Groundwater Sample Laboratory Analytical Results

The laboratory analytical results for the groundwater samples collected by ATC from GP-1, GP-3, GP-5, GP-6, GP-10, GP-11, GP-12 and/or GP-13 indicated the presence of barium, copper and lead above the laboratory detection limits. The above metals were detected at concentrations ranging from 3 micrograms per Liter (ug/L) of lead at GP-6 to 110 ug/L of barium at GP-1.

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The groundwater samples laboratory analyzed from GP-2 through GP-19, GP-21, GP-22 (26' and 45' bgs), GP-23 (26' and 35' bgs), GP-24, GP-25, GP-27 and GP-28 indicated the presence of one (1) or more of the following VOCs: benzene, n-butylbenzene, chloroethane, chloroform, cis-1,2-DCE, 1,1-DCA, 1,1-DCE, trans-1,2-DCE, ethylbenzene, n-propylbenzene, PCE, 1,1,2-TCA, toluene, 1,1,1-TCA, 1,2,4-TMB, 1,3,5-TMB, TCE, trichlorofluoromethane and xylenes. The above VOCs were detected at concentrations ranging from 1 ug/L of chloroform at GP-10 to 8,500 ug/L of 1,1,1-TCA at GP-21. Please refer to the Appendix C which contains Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps and Appendix H which contains summary tables of detected laboratory parameters.

The groundwater sample collected from GP-8 also indicated the presence of 2-methylnaphthalene and naphthalene (both PNAs) at concentrations of 7 ug/L and 10 ug/L, respectively. In addition, the groundwater sample from GP-16 and GP-17 indicated the presence of cyanide at concentrations of 5 ug/L and 6 ug/L, respectively.

ATC compared the detected metals in groundwater results to the R/C I Drinking Water Criteria (DWC) and to the Groundwater Contact Criteria (GCC) contained in Memo No. 1 of P.A 451, Part 201. Based on the above comparison, lead was detected at GP-10 at 5 ug/L which is above the R/C I DWC of 4 ug/L.

Based on the subsurface conditions on-site, ATC compared the VOC and PNA concentrations in groundwater to the R/C I GCC, Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIAIC) and the DWC contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, concentrations of one (1) or more VOCs (benzene, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and 1,2,4-TMB) were detected above the R/C I DWC and/or GVIAIC at GP-2 through GP-19, GP-21, GP-22, GP-23, GP-24, GP-25, GP-27, GP-28 and/or GP-29. The remaining detected VOCs and PNAs were not above the R/C I GCC, GVIAIC, or DWC. Please refer to the Appendix C which contains Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps and Appendix J for summary tables of detected laboratory parameters.

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Also, please refer to Appendix I - Boring Logs for PID results and for the sampling rationale, please refer to Appendix J, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results Table.

In addition to the groundwater sample results from ATC's investigation, RMT identified two (2) additional laboratory parameter (vinyl chloride and 1,4-Dioxane) which were detected in groundwater above the R/C I DWC contained in Memo No.1. Vinyl chloride was detected above the R/C I DWC at borings identified as NS-2, NS-3, NS-8, NS-9 and NS-10 and 1,4-dioxane was detected above the R/C I DWC at NS-6. It appears that the above constituents were not detected above the R/C I GVIAIC or the GCC in Memo No.1. RMT also identified the presence of chlorinated VOCs in groundwater which were also identified during ATC's investigation. For further details regarding RMT's groundwater investigation, please refer to RMT's Current Conditions Report contained in Appendix G.

4.2 Known Contamination Concentrations

The soil sample laboratory analytical results from ATC's GP-1 through HB-32 indicated the presence of metals, VOCs and/or PNAs above the laboratory detection limits. ATC compared the detected concentrations to the R/C I DWPC, DCC and/or to the SVIAIC contained in Memo No. 1 of P.A. 451, Part 201. Based on this comparison, the following analytes were detected above the indicated R/C I cleanup criteria and sample locations: arsenic was detected above the DCC and/or the DWPC at seven (7) soil sample locations (GP-1, GP-4, GP-6, GP-15, GP-16, GP-25 and GP-27); cadmium was detected above the DWPC at two (2) soil sample locations (GP-27 and HB-31); cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA and/or TCE was detected above the DWPC at seventeen (17) locations (GP-3, GP-6, GP-7, GP-9, GP-10, GP-12, GP-14, GP-15, GP-16, GP-17, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27 and GP-28); TCE was detected above the SVIAIC at four (4) soil sample locations (GP-14, GP-15, GP-16 and GP-25); and 1,1-DCE was detected above the SVIAIC at three (3) soil sample locations (GP-9, GP-14 and GP-15). The concentrations of TCE detected at GP-14 (43,000 ug/kg) and GP-15 (38,000 ug/kg);

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and the concentrations of 1,1-DCE detected at GP-15 (360 ug/kg), were also above the Commercial II, III, IV and Industrial SVIAIC of 37,000 ug/kg (for TCE) and 330 ug/kg (for 1,1-DCE). Concentrations of metals were detected above the Default Background Levels and PNAs were detected in soil at four (4) sample locations; however the metals and PNAs were not above the R/C I DWPC, DCC or the SVIAIC contained in Memo No. 1.

The groundwater sample laboratory analytical results from GP-1 through HB-32 indicated the presence of metals, VOCs, PNAs and/or cyanide above the laboratory detection limits. ATC compared the detected concentrations to the R/C I DWC, GCC and/or to the GVIAIC contained in Memo No. 1 of P.A. 451, Part 201. Based on this comparison, the following analytes were detected above the R/C I DWC at the indicated sample locations: lead was detected in groundwater at one (1) location (GP-10); benzene at one (1) location (GP-16); cis-1,2-DCE at ten (10) locations (GP-2, GP-3, GP-4, GP-5, GP-6, GP-8, GP-15, GP-22, GP-23 and GP-25); 1,1-DCE at fourteen (14) locations (GP-2, GP-5, GP-6, GP-9, GP-10, GP-12, GP-14, GP-15, GP-17, GP-19, GP-21, GP-22, GP-27 and GP-28); PCE at one (1) location (GP-14); 1,1,1-TCA at five (5) locations (GP-12, GP-14, GP-21 GP-22 and GP-28); TCE at twenty-six (26) locations (GP-2 through GP-19, GP-21 through GP-25, GP-27, GP-28 and GP-29) and 1,2,4-TMB was detected above the DWC at one (1) location (GP-11). In addition, the following analytes were detected above the R/C I GVIAIC at the indicated sample locations: 1,1-DCE was detected in groundwater at three (3) groundwater sample locations (GP-12, GP-21, GP-22). The concentrations of 1,1-DCE at GP-12, GP-21 and GP-22 were not above the Commercial II, III, IV and Industrial GVIAIC. Concentrations of metals, VOCs, PNAs and cyanide were detected above the detection limits at other sample locations; however, the results were not above the R/C I DWC, GCC or the GVIAIC contained in Memo No. 1.

The detected presence of TCE (at 48 ug/L) in groundwater at GP-24 (at the eastern, down-gradient edge of the site boundary) suggests TCE may have migrated off-site in the groundwater at a concentration above the R/C I DWC (at 5 ug/L). Additionally, groundwater samples collected by RMT also indicates VOCs (TCE and vinyl chloride) may extend off-site.

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Due to the presence of arsenic, cadmium, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE, n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, 1,3,5-TMB, xylenes, and vinyl chloride in soil above the R/C I DWPC, DCC and/or the SVIAIC; and, the presence of lead, benzene, cis-1,2-DCE, 1,1-DCE; PCE, 1,1,1-TCA, TCE, 1,2,4-TMB, vinyl chloride and 1,4-dioxane in groundwater above the R/C I DWC and/or GVIAIC, the site is defined as an environmental facility. Other laboratory parameters were detected above the laboratory detection limits but the concentrations were not detected above the aforementioned cleanup criteria (e.g., direct contact, volatilization to indoor air, etc.).

The investigation conducted by RMT included laboratory analysis of soil and groundwater samples for the presence of VOCs and 1,4-dioxane. Based on the soil and groundwater sample laboratory analytical results from RMT's investigation, eight (8) additional laboratory parameters (n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, 1,3,5-TMB, xylenes, vinyl chloride, and/or 1,4-Dioxane) were detected at one (1) or more borings advanced on-site and off-site and above the R/C I DWPC and/or DWC contained in Memo No.1.

The known contamination concentrations detected on-site are summarized in Appendix J - Laboratory Analytical Summary Tables and Appendix C contains Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps. Additional maps and analytical tables are contained in RMT's report in Appendix G. The CAS Numbers for the facility constituents are as follows:

Facility Constituents	**CAS Number**
Arsenic	7440382
Cadmium	7440439
Cis-1,2-DCE	75343
1,1-DCE	75354
PCE	127184
1,1,1-TCA	71556
TCE	79016

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Facility Constituents	**CAS Number (continued)**
Lead	7439921
Benzene	71432
1,2,4-TMB	95636
1,3,5-TMB	108678
n-Butyl Benzene	104518
Ethylbenzene	100414
Naphthalene	91203
n-Propyl Benzene	103651
vinyl chloride	75014
xylenes	1330207
1,4-Dioxane	123911

4.3 Distribution and Fate of Known Contamination

Based on the data obtained during ATC's Phase II ESA and RMT's investigation, soil and/or groundwater is impacted with arsenic, cadmium, lead, benzene, 1,2,4-TMB, 1,3,5-TMB, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE, n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, xylenes, vinyl chloride and/or 1,4-dioxane above the R/C I direct contact criteria, indoor air inhalation criteria and/or drinking water criteria which defines the site as a facility.

Concentrations of chlorinated VOCs (cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and vinyl chloride) above the R/C I were generally detected in soil and groundwater across the site. It appears chlorinated VOCs extend off-site in groundwater based on the following:

- The presence of sand soil with groundwater aquifer conditions and the tendency of chlorinated VOCs to leach into groundwater and to migrate.
- The detected presence of TCE at the eastern, down-gradient edge of the site boundary (at GP-24) in groundwater at 48 ug/L which is above the R/C I DWC of 5 ug/L.
- Soil and/or groundwater sample laboratory analytical results from RMT's investigation.

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In addition to chlorinated VOCs, concentrations of metals, benzene, 1,2,4-TMB, 1,3,5-TMB, n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, and xylenes were detected in on-site soil and/or groundwater above the R/C I cleanup criteria; however, the concentrations were relatively low (e.g., benzene was detected in groundwater at 9 ug/L and the R/C I DWC is 5 ug/L and 1,2,4-TMB was detected in groundwater at 64 ug/L and the R/C I DWC is 63 ug/L) and these laboratory parameters were detected more than approximately 100 feet away from the northern or eastern, downgradient site boundaries. Based on the above, it appears concentrations of the above referenced constituents may not extend off-site above the applicable R/C I cleanup criteria. RMT's report also appears to suggest the above constituents do not appear to extend off-site. ATC notes performance of a background soil survey for metals would be necessary to attempt to determine if the metals detected on-site are due to naturally occurring metals or due to historic on-site/off-site activities.

The source of the facility contaminants appears to be the historic commercial and industrial use of the site.

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5.0 LIKELIHOOD OF OTHER CONTAMINATION

Based on the relatively large size of the site (50+ acres) and the site's long history of commercial and industrial uses (~100 years), the potential exists for contaminants other than those detected todate to be present in soil and/or groundwater on-site. However, since ATC's Phase II ESA and RMT's Current Conditions Report included over 70 sample locations with soil and/or groundwater samples collected for laboratory analysis for the presence of commonly detected analytical parameters (VOCs, SVOCs/PNAs, metals, PCBs, and cyanide), the potential for other contaminants to be present on-site above the aforementioned cleanup criteria appears to be relatively low.

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6.0 ALTERNATE APPROACHES

The new owner of the site, Tecumseh Bakery, LLC, and the new tenant of the site, Consolidated Biscuit Company, expect to use some of the same hazardous substances which define the site as a facility, including the following: 1,2,4-TMB, 1,3,5-TMB, n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, and xylenes. Since the new owner and tenant expect to use the above referenced substances, which in part define the site as a facility, use of the existing engineering controls along with utilization of this BEA should be sufficient to distinguish a new release from existing impact. The new owner and tenant (as well as all other site occupants) do not currently use, and will not use in the future, any chlorinated solvents.

The following engineering controls will continue to be utilized to prevent a potential new release(s) of the above substances from impacting the site and/or to prevent commingling with existing contamination. Limited details of the engineering controls to be utilized on-site are described below.

The floor inside the building consists of approximately 6-inches of concrete (or more) and the concrete will continue to be maintained (i.e., if excavations are performed inside the building, the excavation area will be capped with approximately 6-inches of new concrete). The contents of any unused ASTs have been removed and properly disposed of off-site. The ASTs currently on-site are not abandoned or discarded since they have been emptied, have re-sale value, and may be utilized in the future. The current fire suppression system will continue to be maintained in case of emergency. The current sub-tenant, Tecumseh Products Company, will store/utilize potentially hazardous materials in the western portions of the main building (refer to Appendix C for a map illustrating this portion of the site with material use/storage). Building Q (a building specifically designed to store potentially hazardous material which is self-contained and

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engineered to prevent releases from reaching the soil and/or groundwater) has been relocated to the western portion of the site and 55-gallon drums of potentially hazardous materials will be stored in this building.

There are currently no plans to alter the grading of the ground surface outside the building nor are there any plans to alter the existing floor slabs, concrete pavements, storm drains, fencing and/or the in-place concrete retaining walls on-site. ATC notes the surface cover in the areas where hazardous substances will likely be loaded/off-loaded (e.g., near bay doors and/or loading docks present on-site) and/or likely stored/utilized (e.g., inside the site buildings) consists of concrete or asphalt.

Hazardous substances stored and/or utilized on-site will be placed in appropriate containers (i.e., regulated substances will be stored in approved containers per the instructions of the manufacturer/transporter). All flammable materials will continue to be stored in temperature-controlled areas within the specified areas present at the site that meet applicable fire codes for such areas. Flammable liquids cabinets (with built-in spill containment) are used in the chemisty/metallurgy laboratory to store flammable materials in 1-gallon and 5-gallon containers. Additionally, existing company policies regarding spill prevention and cleanup will be followed in the future in an attempt to eliminate, prevent and/or manage any future leaks and/or spills. In the event of an emergency on-site that includes a release of hazardous substances, the following equipment will be utilized/available to prevent the release of hazardous substances from impacting the site:

- Personal Protective Equipment (respirators, tyvek suits with hoods, boots, etc.)
- Recovery Drums (for containment of spent absorbents and pigs) located through the building
- Speedi-Dry Vermiculite (or equivalent), absorbent materials and Pigs
- Drip Pans
- Gloves

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- Brooms
- Shovels
- Wet/Dry Vacuums
- Facility policies regarding cleanup of spills and disposal of used spill materials are described in the Spill Response Procedures as outlined in the Pollution Incident Prevention Plan (PIPP). A copy of the above documents will be kept on-site.

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7.0 CONCLUSIONS

Based on the results of data obtained during Atwells's Phase I ESA, the data obtained from ATC's Phase II ESA, and limited data from RMT's investigation, the site appears to be defined as a facility due to the presence of arsenic, cadmium, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE, lead, benzene, 1,2,4-TMB, 1,3,5-TMB, n-butyl benzene, ethylbenzene, naphthalene, n-propyl benzene, vinyl chloride, xylenes, and 1,4-dioxane in soil and/or groundwater at concentrations above the cleanup criteria in P.A. 451, Part 201. Based on the proposed future utilization of the site for use by Tecumseh Products Company (design/engineering, product test), and Tecumseh Bakery, LLC/Consolidated Biscuit Company (warehousing of bakery equipment and/or as a commercial bakery), the site and Tecumseh Bakery, LLC/Consolidated Biscuit Company are eligible for a Category "S" BEA.

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8.0 REFERENCES

This BEA has been prepared based on the following documents:

- Atwell's "Phase I Environmental Site Assessment" report
- ATC's "Limited Phase II Environmental Site Assessment" report
- ATC's "Phase I Environmental Site Assessment" Update Report
- RMT's "Current Conditions Report"

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

APPENDIX A

PROFESSIONAL RESUMES

DAVID M. PAHOLAK, CUSTP
Senior Project Manager

EDUCATION

B.S., Geophysics with emphasis on Geology, Michigan State University, 1982

PROFESSIONAL SUMMARY

Mr. Paholak is responsible for the management of the technical, financial and project activities for nine ATC offices, including the four Michigan branch offices.

Mr. Paholak has over twenty-five years of diversified experience including project management of hydrogeologic investigations; RBCA evaluations/closures; corrective action plans; remediation system design, installation, monitoring and maintenance; geophysical investigations; environmental compliance audits, ambient air monitoring and environmental site assessments.

PROFESSIONAL EXPERIENCE

Environmental

- Secured contract for, and managed, the site assessment of a large, closed automotive facility with over 1.7 million square feet of space. The site assessment involved inspection of the facility for environmental concerns including, but not limited to, PCBs, asbestos, hazardous materials, surface and subsurface contamination. Upon completion of the site assessment, recommendations were made to remediate the facility to prepare it for divestment.

- Conducted compliance audits at three facilities in Northern Michigan which included a gypsum quarry, a port facility, and a wall board manufacturing facility. The project involved visual inspection of over 5,000 acres of former, existing and future gypsum mining sites and an inspection of the wall board manufacturing facility.

- Involvement in, and review of, over 500 Phase I and Phase II site assessments. Types of site assessments include large, vacant parcels, commercial, industrial and residential locations.

- Project manager for design and installation of a groundwater remediation system and soil remediation system at a site contaminated with chlorinated solvents. The groundwater remediation system design included performing an aquifer test and computer modeling to determine the aquifer characteristics and the necessary pumping rates of the groundwater remediation system. Final design included operation of three pumping stations at a rate of 1,000 GPM. The groundwater treatment system included two-five foot diameter by thirty five foot tall air strippers operating in parallel. The treated groundwater was discharged into an infiltration gallery which was designed as part of the project. The soil remediation system consisted of a soil extraction blower attached to a network of extraction points which were designed to remove adsorbed chlorinated contaminants from soils in the vadose zone.

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- Provided management or technical expertise during the investigation, feasibility study, corrective action plan, and/or remediation system design, installation and monitoring at over 500 UST sites, including leaking UST sites.

- Project Manager for the remediation system design at a petroleum pipeline leak site in southwestern Michigan. The project included delineating the extent of adsorbed, dissolved, and phase separated hydrocarbon contamination, defining aquifer characteristics and developing a multiple pumping station remediation system through acquired data and computer modeling. Approximately one and one-half million gallons of gasoline was lost at the site.

- Performed bioremediation feasibility study and remediation work at several sludge lagoon projects at a paper manufacturing facility in southwestern Michigan. Project work included management of remediation activities on-site, which included the removal of over 2,000 cubic yards of sludge material, and the design and performance of the feasibility study for implementing bioremediation at the site.

- Performed remedial investigation/ feasibility studies at several U.S. EPA Superfund sites in three different regions. Site work design and installation included monitor well networks and soil, water, sediment, and sludge sampling in Level A through D protective equipment. Performed geophysical surveys at two of the sites to define contaminate plumes and investigate for buried metallic objects.

- Designed and implemented a vapor extraction system to remove hydrocarbon vapors in a residential facility impacted by petroleum hydrocarbons. The vapor extraction system enabled residents to live in their homes while subsurface remediation system was designed and implemented outside the home.

- Managed geophysical investigations and interpretations. Technologies used included electromagnetic, resistively and gravitometer surveys.

- Performed and/or reviewed Risk Based Corrective Action evaluation at over fifty sites. Over 20 sites have been closed using the RBCA process, including the development of site specific target level criteria to achieve closure.

TRAINING AND CERTFICATIONS

- Hazardous Waste Site Activities Health and Safety Training Program, North Ridgeville, Ohio
- Training course in Health and Safety for Hazardous Waste Handling, Corpus Cristi, Texas
- ASTM Risk Based Corrective Action Training (RBCA) at petroleum sites, Lansing, Michigan
- Michigan Certified Underground Storage Tank Professional (CUSTP)
- Licensed Water Well Contractor in New Hampshire

PROFESSIONAL ACTIVITIES

- Member, National Groundwater Association
- Southeastern Michigan Sustainable Business Forum

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KEVIN LAFORGE
Senior Project Manager/Phase II Dept. Manager

EDUCATION

B.A., Environmental Studies, University of Michigan, 1990

PROFESSIONAL SUMMARY

As a Senior Project Manager and leader of the Phase II Department for ATC Associates Inc., Mr. LaForge has over nineteen years of experience related to the following: senior level project management; environmental site investigations; Baseline Environmental Assessments (BEAs); Due Care Plans (DCPs); site monitoring; and, installing/maintaining remediation systems. Mr. LaForge is medically qualified and OSHA 40 hour (29 CFR 1910.120) trained to enter hazardous waste sites. He is certified by Troxler Electronic Laboratories, Inc. to operate nuclear density and materials testing equipment.

PROFESSIONAL EXPERIENCE

Environmental

- For over 10 years, managed the completion of over approximately 450 Phase II Environmental Site Assessments (Phase II ESAs) to include development of an appropriate scope of work through the completion of each project. The environmental issues for each project were unique which required "out of the box" evaluation in order to design a solution to meet each client's needs. Worked closely with all involved parties (e.g., commercial/industrial property buyers/sellers, attorneys, government regulators, financial institutions, construction crews, etc.) to mitigate the potential for technical and/or cost and timing issues to arise which resulted in successful projects.
- Directly oversees and/or prepares BEAs (Category N, D, and S), DCPs, Phase II ESA reports, site investigation reports, Interim Remedial Investigation (IRI) reports, Interim Corrective Action Plans (ICAPs), Final Assessment Reports (FARs), Initial Assessment Reports (IARs), Closure Reports, Corrective Action Plans (CAPs), National Pollution Discharge Elimination System (NPDES) Permits/reports and Health and Safety Plans (HSPs).
- Completed BEAs and DCPs for over approximately 60 contaminated sites. The Michigan Department of Environmental Quality (MDEQ) affirmed every BEA submitted for audit which provided each new site owner with limited liability protection in accordance with State of Michigan, Public Act 451 (P.A. 451), Part 201.
- Designed the scope of work and implemented an investigation which included delineation and preparation of a Phase II ESA report, BEA and DCP for a 50+ acre site formerly utilized by the United Stated Defense Department. The BEA was prepared on behalf of nine separate private entities in order to obtain liability protection for all parties under P.A. 451, Part 201.
- Effectively managed all aspects of a project involving a 20+ acre shopping center to include designing the scope of work, implementing the investigation, and preparing all reports. The project involved the in-place abandonment of three (3) underground storage tank (USTs), Phase II ESA reporting, a BEA and a DCP along with abatement of industrial hygiene issues (e.g., asbestos and lead paint). Retained by the seller to perform the UST and Phase II ESA portion of the project and was subsequently retained by the buyer to prepare the BEA and DCP.

- Managed all aspects of a project involving a 75+ acre shopping center to include designing the scope of work, implementing the investigation, and preparing all reports. The project involved theremoval of two (2) USTs, Phase II ESA reporting, regulatory closure of a Leaking Underground Storage Tank (LUST) incident for used oil, solvents and petroleum impact, and removal and abandonment of approximately 15 hydraulic hoists.
- Directed all phases of a project involving a 30+ acre industrial site to include designing the scope of work, implementing the investigation, delineation and preparing all reports for a solvent release in an aquifer setting under contract with the State of Michigan. The project also involved development of bid specifications using the American Society for Testing and Materials (ASTM) standards and bidding for the excavation of listed hazardous waste soils which required sheet piling to protect the integrity of the adjacent building.
- Directed all phases of a project involving a 10+ acre industrial site to include designing the scope of work, implementing the investigation, delineation and preparing all reports for the removal of a UST and associated soil contamination under contract with the State of Michigan. The project also involved development of bid specifications using ASTM standards and bidding for UST removal and demolition of a multi-story industrial building followed by site preparation for new construction.
- For over 13 years, managed UST projects (up to 32 concurrent projects) for multiple major oil companies and independents to meet all applicable State of Michigan regulations and guidancewhich resulted in the closing of numerous “confirmed releases” of petroleum and/or solvent issues.
- Directed all phases of a project involving a 2-acre residential property with 4-feet of free-phase petroleum product in an aquifer setting to include designing the scope of work, implementing the investigation, delineation and preparing all reports under contract with the State of Michigan. The project also involved obtaining access agreements with multiple adjacent land owners and obtaining permits to work in the road-right-of-way.
- Performed several subsurface site investigations at retail petroleum sites that included microbial remediation technology feasibility analysis. Biological sampling (i.e. background heterophs, contaminant utilizers, DOC, TOC, TKN, conductivity, nitrite, etc.) was completed and evaluated for potential use at the site.
- Investigated over 80 retail petroleum facilities during a 3-month project which involved determining the discharge location of the facility's drainage system to determine if the 80 operations were in compliance with Environmental Protection Agency discharge requirements.
- Completed several site investigations, which included geotechnical testing and carried out activities involved with the density, materials, and moisture testing using a Troxler brand nuclear density and moisture gauge. Worked closely with construction crews preparing site for building activities.
- Involved in a retention pond study designed to determine the impact of treated groundwater discharged into one of Southeastern Michigan's last trout streams.

Significant UST and Phase II ESA related projects include:

- Managed over approximately 450 Phase II ESA projects involving various environmental issues to include releases from USTs, above ground tanks, surface spills, unknown sources, migrating contamination, etc. and successfully completed approximately 60 BEAs and Due Care Plans.
- Managed a block of 12 UST projects for the Michigan Department of Management and Budget.
- Supervised various municipal projects for local/state agencies to include 3 large projects for the MDEQ.
- Managed group of 28 UST projects for a major oil company.
- Managed group of 32 UST projects for a second major oil company.

US EPA ARCHIVE DOCUMENT

TRAINING AND CERTIFICATIONS

- ASTM Risk Based Corrective Action (RBCA) Training Program – Petroleum Release Sites
- OSHA 40 hour (29 CFR 1910.120)
- 8-Hour Supervisor, Hazardous Waste Operations and Emergency Response Course
- Troxler Operator

US EPA ARCHIVE DOCUMENT

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APPENDIX B

AFFIDAVITS FROM PETITIONER AND RESPONSIBLE ENVIRONMENTAL PROFESSIONAL AND/OR DISCLOSURE FORMS

US EPA ARCHIVE DOCUMENT

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY
BEA Disclosure #_____

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. *Please answer the following questions as completely as possible.*

Name and address of submitter (individual or legal entity):*
Tecumseh Bakery, LLC
312 Radar Road
McComb, Ohio 45858

Status relative to the property:

	Former	Current	Prospective
Owner*	☐	☒	☐
Operator*	☐	☐	☐

Address/location of property where BEA was conducted:
100 and 101 East Patterson Street
City of Tecumseh
Michigan 49286

County: Lenawee

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
Parcel Nos.: 325 0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00

Contact person: Mr. David W. Nunn Telephone #: 419.247.1672

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:
Eastman and Smith, LTD
One Seagate 24th Floor
P.O. Box 10032
Toledo, OH 43699-0032

Check the appropriate response to each of the following questions.

	YES	NO
1. Is it known that the source of contamination at the property is primarily from any of the following?		
• **A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.**	☐	☒
• **A licensed landfill or solid waste management facility.**	☐	☒
• **A licensed hazardous waste treatment, storage, or disposal facility.**	☒	☐
• **Oil and gas development related activities.**	☐	☒

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:

Category N	☐
Category D	☐
Category S	☒

	YES	NO
3. Is the property at which the BEA was conducted a "facility"* as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.	☒	☐

4. **Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)?** If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES ☒ NO ☐

5. **Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure?** All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES ☒ NO ☐

6. **Are any USTs or abandoned or discarded containers identified in the BEA?** If yes, this information must be provided on Form EQP4476. YES ☐ NO ☒

7. **Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)?** If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES ☒ NO ☐

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature of Submitter: William H Varney
(Person legally authorized to bind the person seeking liability protection)

1-22-10
Date

Name (Typed or Printed) Mr. William H. Varney

Title Vice President, Tecumseh Bakery, LLC

US EPA ARCHIVE DOCUMENT

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

AFFIDAVIT IN SUPPORT OF A DISCLOSURE RELYING ON ISOLATION ZONES OR ENGINEERING CONTROLS OR OTHER SIMILAR FEATURES FOR A BASELINE ENVIRONMENTAL ASSESSMENT (FORM EQP4479 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

STATE OF Ohio)
)
COUNTY OF Hancock)

The purpose of this Affidavit is to set forth certain information and documentation to enable the Michigan Department of Environmental Quality (hereinafter the "DEQ") to make a finding of adequacy, at a time the DEQ determines to be appropriate, on the Baseline Environmental Assessment ("BEA") disclosed pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (hereinafter the "NREPA"), 1994 PA 451, as amended. All terms found in this document which are defined in the NREPA, Part 3, Part 201, and the Part 201 Rules, shall have the same meaning as in the statute and the Part 201 Rules.

The undersigned Affiant, being first duly sworn, deposes and says as follows:

1. **THIS AFFIDAVIT** is executed by the undersigned Mr. William H. Varney, whose title is Vice President, on behalf of Tecumseh Bakery, LLC (hereinafter "the Submitter") located at 312 Radar Road, McComb, Ohio 45858.

2. The Submitter purchased a property located at 100 and 101 East Patterson Street, City of Tecumseh, Lenawee County, Michigan 49286 (hereinafter the "Property") on December 11, 2009.

3. The Property referred to in this BEA is a "Facility."

4. The language in this Affidavit does not deviate from that in the model Affidavit, Form EQP4479 (Rev. 4/03), except as provided for in item #6.

5. The BEA included in this disclosure was conducted on 1/18/2010 and completed on 1/29/2010. The BEA, to the best of the Submitter's knowledge and belief, reasonably defines the existing conditions and circumstances at the facility so that in the event of a release subsequent to the Submitter's purchase of the Property, there is a means of distinguishing any new release from existing contamination.

6. The submitter acknowledges that if there is a failure of an engineering control or similar feature identified in the BEA, and if a release occurs as a result of the failure, the BEA does not provide an exemption to liability for response activity necessary to address contamination resulting from the failure. The burden of distinguishing the release attributable to the failure of the engineering control from existing contamination shall be borne by the submitter according to Section 29 of Part 201.

I affirm that the above representations are true and are based upon my personal knowledge and belief after all reasonable inquiry.

I certify that I am legally authorized to execute this Affidavit and to bind the Submitter to the terms and conditions of this Affidavit.

US EPA ARCHIVE DOCUMENT

I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to $25,000 for each violation.

I acknowledge that this Affidavit has been provided pursuant to Section 20126(1)(c) of the NREPA and Rule 909 of the rules promulgated thereunder.

William H Varney
Signature of Submitter or Person Legally Authorized to Bind Submitter

1-22-10
Date

Mr. William H. Varney, Vice President
Print or Type Legal Name

SUBSCRIBED AND SWORN to before me this 22ND day of JANUARY, 2010, a Notary Public in and for HANCOCK County, ~~Michigan~~. OHIO

Diane L. Courtright
Notary Public

My Commission Expires: Diane L. Courtright
Notary Public
Hancock County State of Ohio
Comm. Expires Feb 4, 2014

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

FOR DEQ USE ONLY
BEA Disclosure #_____

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. *Please answer the following questions as completely as possible.*

Name and address of submitter (individual or legal entity):*
Consolidated Biscuit Company
312 Radar Road
McComb, Ohio 45858

Status relative to the property:

	Former	Current	Prospective
Owner*	☐	☐	☐
Operator*	☐	☐	☒

Address/location of property where BEA was conducted:
100 and 101 East Patterson Street
City of Tecumseh
Michigan 49286

County: Lenawee

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
Parcel Nos.: 325 0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00

Contact person: Mr. David W. Nunn Telephone #: 419.247.1672

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:
Eastman and Smith, LTD
One Seagate 24th Floor
P.O. Box 10032
Toledo, OH 43699-0032

Check the appropriate response to each of the following questions.

	YES	NO
1. Is it known that the source of contamination at the property is primarily from any of the following?		
• **A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.**	☐	☒
• **A licensed landfill or solid waste management facility.**	☐	☒
• **A licensed hazardous waste treatment, storage, or disposal facility.**	☒	☐
• **Oil and gas development related activities.**	☐	☒

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:

Category N	☐
Category D	☐
Category S	☒

	YES	NO
3. Is the property at which the BEA was conducted a "facility"* as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.	☒	☐

4. **Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)?** If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES ☒ NO ☐

5. **Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure?** All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES ☒ NO ☐

6. **Are any USTs or abandoned or discarded containers identified in the BEA?** If yes, this information must be provided on Form EQP4476. YES ☐ NO ☒

7. **Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)?** If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES ☒ NO ☐

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature of Submitter: William H Varney
(Person legally authorized to bind the person seeking liability protection)

1-22-10
Date

Name (Typed or Printed) Mr. William H. Varney

Title Vice President, Consolidated Biscuit Company

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

AFFIDAVIT IN SUPPORT OF A DISCLOSURE RELYING ON ISOLATION ZONES OR ENGINEERING CONTROLS OR OTHER SIMILAR FEATURES FOR A BASELINE ENVIRONMENTAL ASSESSMENT (FORM EQP4479 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

STATE OF Ohio)
)
COUNTY OF Hancock)

The purpose of this Affidavit is to set forth certain information and documentation to enable the Michigan Department of Environmental Quality (hereinafter the "DEQ") to make a finding of adequacy, at a time the DEQ determines to be appropriate, on the Baseline Environmental Assessment ("BEA") disclosed pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (hereinafter the "NREPA"), 1994 PA 451, as amended. All terms found in this document which are defined in the NREPA, Part 3, Part 201, and the Part 201 Rules, shall have the same meaning as in the statute and the Part 201 Rules.

The undersigned Affiant, being first duly sworn, deposes and says as follows:

1. **THIS AFFIDAVIT** is executed by the undersigned Mr. William H. Varney, whose title is Vice President, on behalf of Consolidated Biscuit Company (hereinafter "the Submitter") located at 312 Radar Road, McComb, Ohio 45858 .

2. The Submitter plans to occupy a property located at 100 and 101 East Patterson Street, City of Tecumseh, Lenawee County, Michigan 49286 (hereinafter the "Property") on a future date.

3. The Property referred to in this BEA is a "Facility."

4. The language in this Affidavit does not deviate from that in the model Affidavit, Form EQP4479 (Rev. 4/03), except as provided for in item #6.

5. The BEA included in this disclosure was conducted on 1/18/2010 and completed on 1/29/2010. The BEA, to the best of the Submitter's knowledge and belief, reasonably defines the existing conditions and circumstances at the facility so that in the event of a release subsequent to the Submitter's occupancy of the Property, there is a means of distinguishing any new release from existing contamination.

6. The submitter acknowledges that if there is a failure of an engineering control or similar feature identified in the BEA, and if a release occurs as a result of the failure, the BEA does not provide an exemption to liability for response activity necessary to address contamination resulting from the failure. The burden of distinguishing the release attributable to the failure of the engineering control from existing contamination shall be borne by the submitter according to Section 29 of Part 201.

I affirm that the above representations are true and are based upon my personal knowledge and belief after all reasonable inquiry.

I certify that I am legally authorized to execute this Affidavit and to bind the Submitter to the terms and conditions of this Affidavit.

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I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to $25,000 for each violation.

I acknowledge that this Affidavit has been provided pursuant to Section 20126(1)(c) of the NREPA and Rule 909 of the rules promulgated thereunder.

William H Varney — 1-22-10

Signature of Submitter or Person Legally Authorized to Bind Submitter — Date

Mr. William H. Varney, Vice President
Print or Type Legal Name

SUBSCRIBED AND SWORN to before me this 22ND day of JANUARY, 2010, a Notary Public in and for HANCOCK County, ~~Michigan.~~ OHIO

Diane L. Courtright
Notary Public

My Commission Expires: ~~Diane L. Courtright~~
Notary Public
Hancock County State of Ohio
Comm. Expires Feb 4, 2014

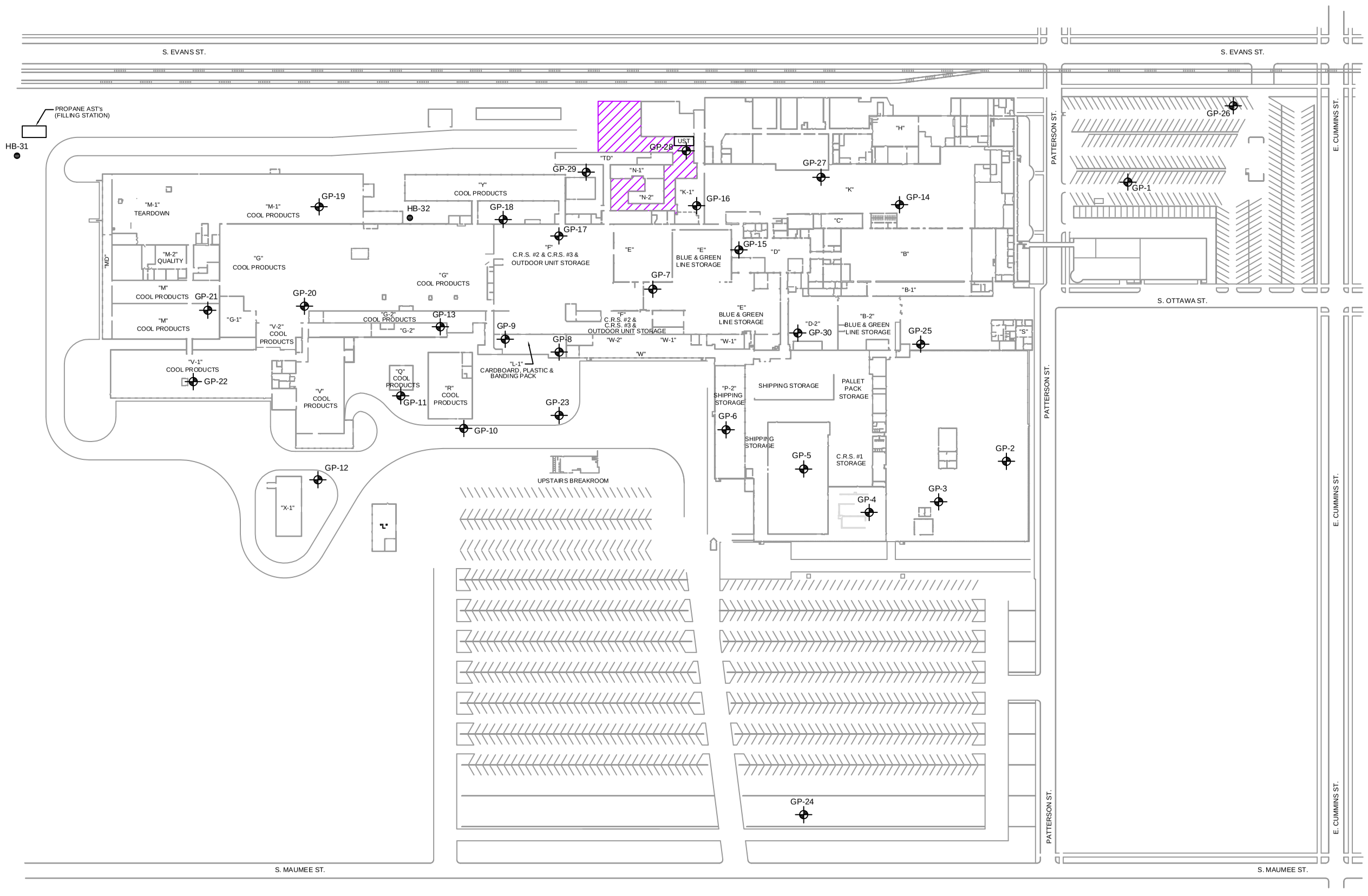
US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

APPENDIX C

FIGURES AND LEGAL DESCRIPTION

US EPA ARCHIVE DOCUMENT



LEGEND

GP-# — APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.

HB-# — HAND BORING

UST — SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.

GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.

N

0 87.5' 175'

SCALE IN FEET

SITE MAP

TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

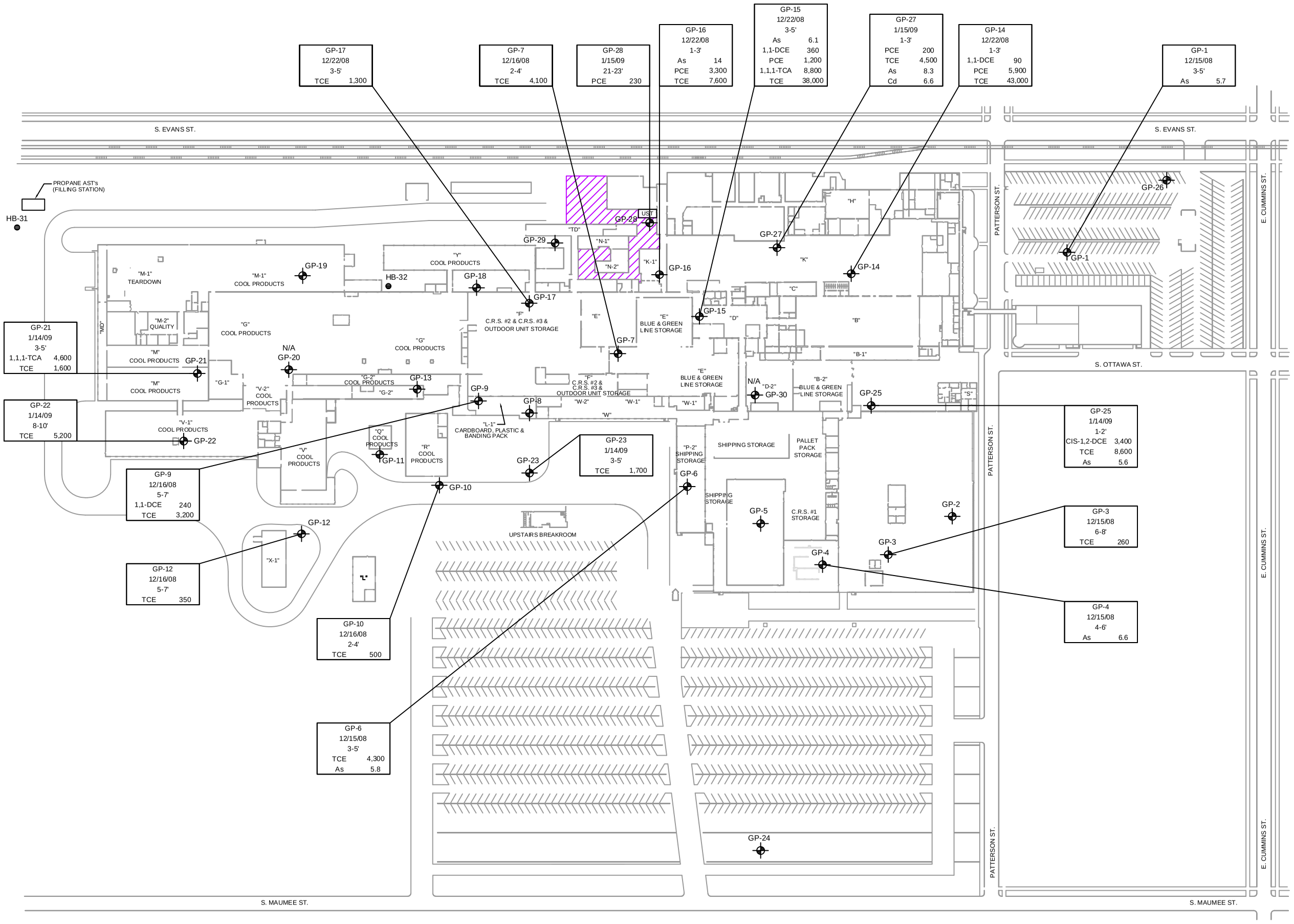
REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KF
PROJECT NUMBER: 39.75302.8N01	FIGURE: 1

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140* Fax (248) 669-5147

US EPA ARCHIVE DOCUMENT



LEGEND

GP-# ⊕	APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.
▨	GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.
HB-# ●	HAND BORING
UST	SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.
N/A	NO SAMPLES SUBMITTED FOR LAB ANALYSIS DUE TO BORING REFUSAL.

VOLATILES (VOLs)

SAMPLE LOCATION	
SAMPLE DATE	
DEPTH BELOW GRADE	
B	BENZENE (µg/Kg)
CIS-1,2-DCE	CIS-1-2-DICHLOROETHENE (µg/Kg)
1,1-DCE	1,1-DICHLOROETHENE (µg/Kg)
PCE	TETRACHLOROETHENE (µg/Kg)
1,1,1-TCA	1,1,1-TRICHLOROETHANE (µg/Kg)
TCE	TRICHLOROETHENE (µg/Kg)

METALS

As	ARSENIC (mg/Kg)
Cd	CADMIUM (mg/Kg)

Notes:

BOLDCASE AND ITALIC NUMBERS FOR ANALYTICAL DATA EXCEED MOST RESTRICTIVE RBSL-CRITERIA, DRINKING WATER OR GROUNDWATER SURFACE WATER INTERFACE.

N

0 87.5' 175'

SCALE IN FEET

ADSORBED CONCENTRATIONS EXCEEDING CLEANUP CRITERIA
12/15-12/16-12/22/08
1/14-1/15-09

TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KF
PROJECT NUMBER: 39.75302.8N01	FIGURE: 2

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140* Fax (248) 669-5147

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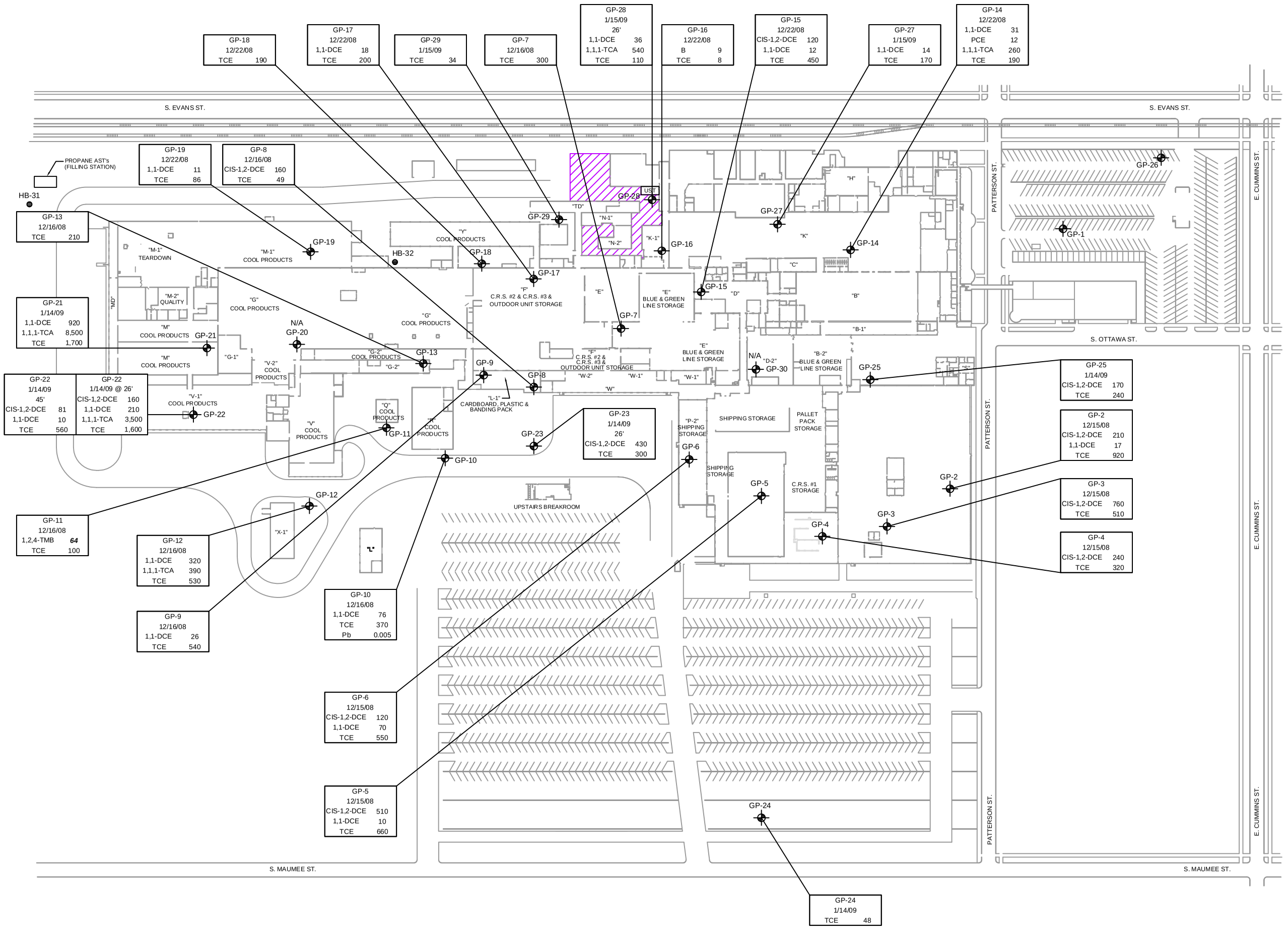


LEGEND

GP-#	APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.
	GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.
HB-#	HAND BORING
UST	SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.
N/A	NO SAMPLES SUBMITTED FOR LAB ANALYSIS DUE TO BORING REFUSAL.

VOLATILES (VOLs)	
	SAMPLE LOCATION
	SAMPLE DATE
	DEPTH BELOW GRADE
B	BENZENE (µg/L)
CIS-1,2-DCE	CIS-1-2-DICHLOROETHENE (µg/L)
1,1-DCE	1,1-DICHLOROETHENE (µg/L)
PCE	TETRACHLOROETHENE (µg/L)
1,1,1-TCA	1,1,1-TRICHLOROETHANE (µg/L)
1,2,4-TMB	1,2,4-TRIMETHYL BENZENE (µg/L)
TCE	TRICHLOROETHENE (µg/L)
METALS	
Pb	LEAD (mg/L)

Notes:

BOLDCASE AND ITALIC NUMBERS FOR ANALYTICAL DATA EXCEED MOST RESTRICTIVE RBSL-CRITERIA, DRINKING WATER OR GROUNDWATER SURFACE WATER INTERFACE.

N

0 87.5' 175'

SCALE IN FEET

DISSOLVED CONCENTRATIONS EXCEEDING CLEANUP CRITERIA 12/15-12/16-12/22/08 1/14-1/15-09

TECUMSEH PRODUCTS 100 EAST PATTERSON STREET TECUMSEH, MICHIGAN

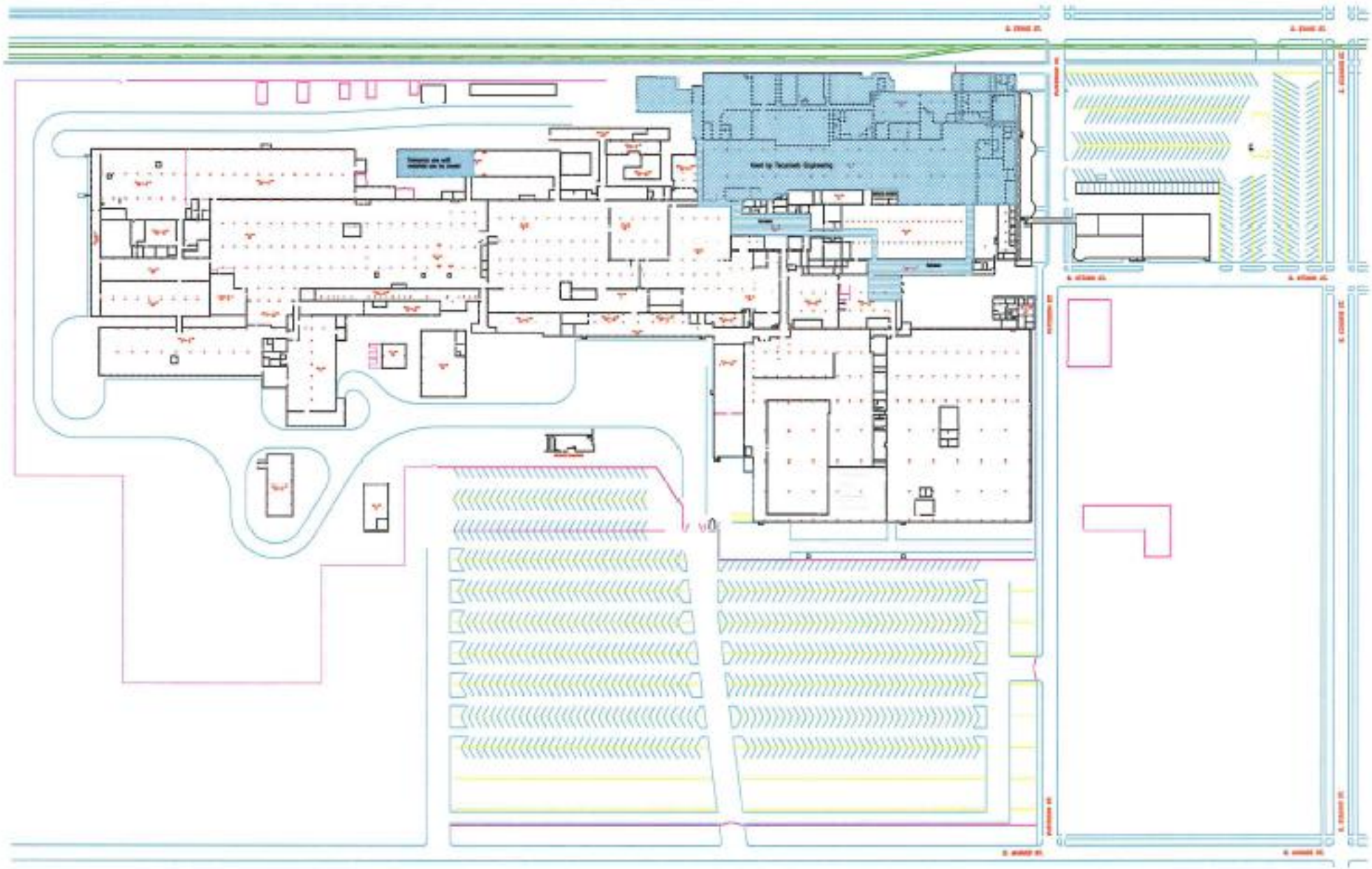
REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KF
PROJECT NUMBER: 39.75302.8N01	FIGURE: 3

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140* Fax (248) 669-5147

US EPA ARCHIVE DOCUMENT



US EPA ARCHIVE DOCUMENT

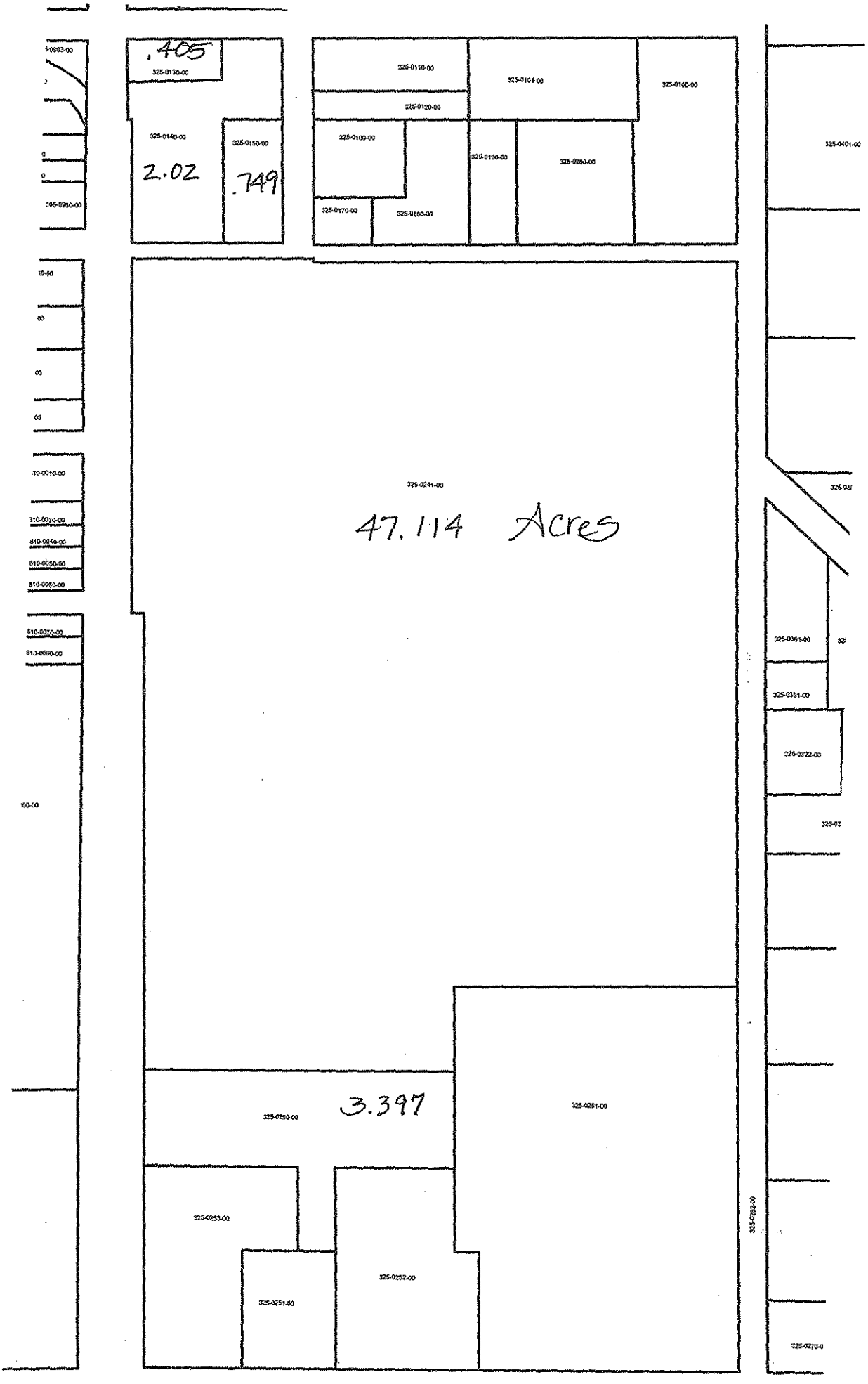


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EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

Real property situated in the City of Tecumseh, County of Lenawee, Michigan, described as follows:

Parcel 1

A parcel of land located in the West ½ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan and being Lots 13, 14 and 15 of "Assessors Plat No. 6" City of Tecumseh as recorded in Liber 14, pages 15 through 17 in the Office of the Register of Deeds for Lenawee County.

402 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0130-00 (as to Parcels 1 & 2)

404 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0140-00 (as to Parcels 1 & 2)

600 S. Ottawa St., Tecumseh, MI 49286
Tax I.D. No.: 325-0150-00 (as to Parcels 1 & 2)

Parcel 2

A parcel of land located in the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan and being a part of Lot 24 of "Assessor's Plat No. 6" City of Tecumseh as recorded in Liber 14, pages 15 through 17 in the Office of the Register of Deeds for Lenawee County, Michigan and being further described as: Beginning at the Southwest Corner of said Lot 24; thence North 00 degrees 21 minutes 54 seconds East, 959.73 feet (recorded as North 00 degrees 17 minutes East) along the West line of said Lot 24; thence North 89 degrees 21 minutes 43 seconds West, 25.00 feet; thence North 00 degrees 21 minutes 17 seconds East, 745.43 feet (recorded as North 00 degrees 17 minutes East) along the West line of said Lot 24 and its extension Southerly, to the Northwest Corner of said Lot 24; thence South 89 degrees 33 minutes 12 seconds East, 385.12 feet (recorded as South 89 degrees 37 minutes East, 384.8 feet) along the South line of Patterson Street; thence South 00 degrees 01 minutes 27 seconds East, 8.40 feet (recorded as South 00 degrees 02 minutes West, 8.4 feet) along said South line; thence North 89 degrees 40 minutes 52 seconds East, 896.23 feet (recorded as South 89 degrees 46 minutes East, 897.18 feet) along said South line to the Northeast Corner of said Lot 24; thence South 00 degrees 19 minutes 41 seconds West, 1526.83 feet (recorded as South 00 degrees 18 minutes West) along the West line of Maumee Street to the South line of said Lot 24; thence North 89 degrees 28 minutes 33 seconds West, 598.80 feet (recorded as North 89 degrees 34 minutes West) along said South line to the Northwest Corner of Lot 26 of said "Assessor's Plat No. 6" City of Tecumseh; thence South 00 degrees 42 minutes 29 seconds West, 178.06 (recorded as South 00 degrees 21 minutes West) along the West line of said Lot 24 to the Northeast Corner of Lot 25 of said "Assessor's Plat No. 6" City of Tecumseh; thence

North 89 degrees 05 minutes 50 seconds West, 657.42 feet (recorded as North 89 degrees 05 minutes West, 657.3 feet) along the South line of said Lot 24 to the point of beginning.

All bearings are derived from the bearing of the South line of Lot 24 of "Assessors Plat No. 6" City of Tecumseh as bearing North 89 degrees 04 minutes 00 seconds West as shown on the recorded plat, and KEBS, Inc. drawing of Job No. 05-B-76298.

All of the above described land also being described as follows:

Parcel "A"
Part of Lot 24 of Assessor's Plat No. 6 City of Tecumseh being part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan described as beginning at the Southwest corner of Lot 24 of "Assessor's Plat No. 6"; thence N 00 deg. 17' 00" E along the West line of said Lot 24 a distance of 959.53 feet (recorded as N 00 deg. 17' E 959.73 feet); thence N 89 deg. 03' 58" W a distance of 24.84 feet (recorded as N 89 deg. 21' 43" W 25 feet); thence N 00 deg. 15' 47" E a distance of 744.78 feet (recorded as N 00 deg. 17' E 745.43 feet) to a chiseled "X" at the South Right of Way line of Patterson Street; thence S 89 deg. 45' 16" E along the South Right of Way line of Patterson Street a distance of 385.13 feet (recorded as S 89 deg. 37' E 384.8 feet) to a found nail; thence S 00 deg. 10' 05" E a distance of 8.38 feet (recorded as S 00 deg. 01' 27" E 8.4 feet) to a chiseled "X"; thence S 89 deg. 34' 16" E along the South Right of Way line of Patterson Street a distance of 896.18 feet (recorded as S 89 deg. 46' E 897.18 feet); thence S 00 deg. 14' 44" W a distance of 1,524.10 feet (recorded as S 00 deg. 18' W 1526.83 feet); thence N 89 deg. 33' 09" W a distance of 598.85 feet (recorded as N 89 deg. 34' W 598.80 feet); thence S 00 deg. 36' 36" W a distance of 178.08 feet (recorded as S 00 deg. 21' W 177.7 feet); thence N 89 deg. 10' 17" W a distance of 657.45 feet (recorded N 89 deg. 05' W 657.3 feet) to the Point of Beginning.

Contains 2,052,326 square feet or 47.114 acres. Subject to any easements, restrictions, and Rights of Way of record if any.

100 E. Patterson St., Tecumseh, Ml 49286
Tax l.D. No.: 325-0241 -00 (as to Parcels I & 2)

Parcel "B"
Part of Lots 13, 14, and 15 of Assessor's Plat No. 6 City of Tecumseh being part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan described as commencing at the Southwest corner of Lot 24 of "Assessor's Plat No. 6"; thence N 00 deg. 17' 00" E along the West line of said Lot 24 a distance of 959.53 feet; thence N 89 deg. 03' 58" W a distance of 24.84 feet; thence N 00 deg. 15' 47" E a distance of 744.78 feet to a chiseled "X" at the South Right of Way line of Patterson Street; thence N 00 deg. 15' 23" E a distance of 33.60 feet to the Northeast Right of Way intersection of Patterson Street and Evans Street and the Point of Beginning; thence N 00 deg. 14' 10" E along the East Right of Way line of Evans Street a distance of 259.97 feet (recorded as N 00 deg. 17' E 260 feet); thence N 89 deg. 04' 50" W a distance of 8.84 feet (recorded as N 89 deg. 37' W 8.55 feet); thence N 00 deg. 09' 40" W along the East Right of Way of Evans Street a distance of 169.35 feet (recorded as N 00 deg. 26' W 169.55 feet) to a point on the South Right of Way line of Cummins Street; thence S 89 deg. 49' 11" E, along the South

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Right of Way line of Cummins Street a distance of 326.61 feet (recorded as S 89 deg. 46' E 327.25 feet); thence S 00 deg. 06' 38" E along the West Right of Way line of Ottawa Street a distance of 430.45 feet (recorded as S 00 deg. 02' W 430.7 feet); thence N 89 deg. 38' 19" W along the North Right of Way line of Patterson Street a distance of 319.20 feet (recorded as N 89 deg. 37' W 318.8 feet) to the Point of Beginning.

Contains 138,273 square feet or 3,174 acres. Subject to any easements, restrictions, and Rights of Way of record if any.

402 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0130-00 (as to Parcels 1 & 2)

404 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0140-00 (as to Parcels 1 & 2)

600 S. Ottawa St., Tecumseh, MI 49286
Tax I.D. No.: 325-0150-00 (as to Parcels 1 & 2)

Parcel 3

Situated in the City (formerly Township) of Tecumseh, County of Lenawee, Michigan, to wit:

All that part of the Southwest Quarter (1/4) of Section Thirty-four (34) in Town Five (5) South, Range Four (4) East, described as commencing in the center of highway at a point located Fifty-seven and five tenths (57.5) feet South Eighty-eight (88) degrees Forty-five (45) minutes East from the Southwest corner of said Section Thirty-four (34) and running thence North No (0) degrees Forty-one (41) minutes East and along the East line of land now, or formerly, owned by the New York Central Railroad Company Eight hundred forty and six tenths (840.6) feet, thence South Eighty-eight (88) degrees Forty-five (45) minutes East Six hundred fifty-seven and four tenths (657.4) feet, thence South No (0) degrees Forty-five (45) minutes West Eight hundred forty and six tenths (840.6) feet to the center of highway, thence North Eighty-eight (88) degrees Forty-five (45) minutes West Six hundred fifty-six and eight tenths (656.8) feet to the place of beginning, except the northerly One hundred seventy-seven and seven tenths (177.7) feet thereof as described in Liber 398 at Folio 146, containing Ten (10) acres of land more or less.

SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Page 15, 16 and 17, Lenawee County Records) described as beginning 464.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 283.00 feet N 00 deg. 21' 00" E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 176.00 feet; thence S 89 deg. 04' 00" E 250.00 feet; thence S 00 deg. 21' 00" W 176.00 feet along the east line of said Lot 25; thence N 89 deg. 04' 00" W 250.00 feet to the place of beginning. Containing 1.01 acres.

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SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records), described as beginning at the Southwest corner of Lot 25, aforesaid, 57.36 feet (recorded as 57.3 feet) South 89 deg. 04' 00" East (along the South line of said Section 34) and 33.00 feet North 00 deg. 17' 00" East from the Southwest corner of said Section 34; thence North 00 deg. 17' 00" East 426.00 feet along the West line of said Lot 25; thence South 89 deg. 04' 00" East 326.97 feet; thence South 00 deg. 17' 00" West 176.00 feet; thence North 89 deg. 04' 00" West 120.00 feet; thence South 00 deg. 21' 00" West 250.00 feet to the South line of said Lot 25; thence North 89 deg. 04' 00" West 206.68 feet to the point of beginning.

SAVE AND EXCEPT:

Situated in the City of Tecumseh County of Lenawee, Michigan, to-wit:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Pages 15, 16 and 17, Lenawee County Records), described as beginning on the south line of Lot 25 aforesaid 464.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00 deg. 21' 00" E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 250.00 feet; thence S 89 deg. 04' 00" 250.00 feet to the east line of said Lot 25; thence S 00 deg. 21' 00" W 250.00 feet to the southeast corner of said Lot 25; thence N 89 deg. 04' 00" W 250.00 feet to the place of beginning containing 1.435 acres.

Subject to easements and restrictions of record.

The bearings are referenced to the Assessor's Plat No. 6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records.

SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan, to-wit:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Pages 15, 16 and 17, Lenawee County Records), described as beginning on the south line of Lot 25 aforesaid 264.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00 deg. E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 250.00 feet; thence S 89 deg. 04' 00" 200.00 feet; thence S 00 deg. 21' 00" W 250.00 feet to the south line of said Lot 25; thence N 89 deg. 04' 00" W 200.00 feet to the place of beginning containing 1.148 acres.

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The bearings are referenced to the Assessor's Plat No. 6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records,

805 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0250-00 (as to Parcel 3) Vacant Land

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APPENDIX D

ATWELL HICKS PHASE I ENVIRONMENTAL SITE ASSESSMENT

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

October 9, 2008

Mr. Michael Mendanhall, VP
Fifth Third Bank
38 Fountain Square, MD 109055
Cincinnati, OH 45202

Atwell-Hicks, LLC Project Number: 08004036

RE: Phase I ESA for the building and property located at 100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee, Tecumseh, Lenawee County, Michigan (subject site)

Dear Mr. Mendanhall:

Atwell-Hicks, LLC is pleased to submit its report on the Phase I Environmental Site Assessment conducted at the above referenced site.

The project objective was to perform a specified scope of research, evaluate the data, and render a professional opinion on environmental conditions at the site. The information and opinions included in this report are exclusively for the use of Consolidated Biscuit and Fifth Third Bank.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or desire further information, please contact us at (586) 786-9800.

Sincerely,
ATWELL-HICKS, LLC

Bryan D. Wallick
Team Leader

50182 Schoenherr Road, Shelby Township, MI 48315 tel: 586-786-9800 fax: 586-786-5588 www.atwell-hicks.com

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ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Phase I Environmental Site Assessment Report

for the

Tecumseh Products
100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee
Tecumseh, MI

Prepared For:

Mr. Michael Mendehnall, VP
Fifth Third Bank
38 Fountain Square, MD 109055
Cincinnati, OH 45202

Atwell-Hicks, LLC Project No. 08004036

October 9, 2008

Powered By PARCEL

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Detail Report

1.0 General Information

Project Information:
Tecumseh - Phase I ESA
08004036

Consultant Information:
Atwell-Hicks, LLC
50182 Schoenherr Road
Shelby Township, MI 48315
Phone: 586-786-9800
Fax: 586-786-5588
E-mail Address: rlambdin@atwell-hicks.com
Inspection Date: 9/26/08
Report Date: 10/10/2008

Site Information:
Tecumseh Products
100 and 101 East Patterson
Tecumseh, MI
County: Lenawee
Latitude, Longitude: 41.997900, -83.943700
Site Access Contact: Mr. Michael Mendenhall

Client Information:
Fifth Third Bank
Michael Mendanhall, VP
38 Fountain Square, MD 109055
Cincinnati, OH 45202

Site Assessor:
Robert W. Lambdin
Product Quality Leader

Senior Reviewer:
Bryan D. Wallick
Team Leader

General Notes:

Atwell conducted the Phase I Environmental Site Assessment (ESA) in order to provide an independent, professional opinion of the possible presence of Recognized Environmental Conditions (RECs) or other possible environmental concerns (if any) associated with the subject site as part of environmental due diligence.

An REC is defined as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicated an existing release, a past release, or a material threat of a release of any hazardous or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

In accordance with the United States Environmental Protection Agency, 40 Code of Federal Regulations (CFR) Part 312, "All Appropriate Inquiry" (AAI), Atwell is providing the following Environmental Professional (EP) declarations.

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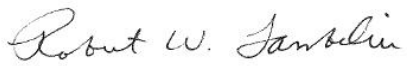
EP Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of this part.

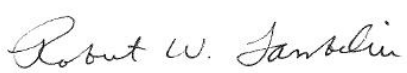


Robert W. Lambdin - Product Quality Leader

Bryan D. Wallick - Team Leader

AAI Certification:

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Robert W. Lambdin - Product Quality Leader

Bryan D. Wallick - Team Leader

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2.0 Executive Summary

Current Use of Property

The subject site is located at the intersection of South Evans Road and East Patterson Road and includes five parcels of land located at 100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee, in Tecumseh, Lenawee County, Michigan. The property consists of 59.68-acres of land including one, 750,000-square foot industrial facility, and a second, 26,208-square foot warehouse building (referred to as the Emerson Building) that are in the process of being vacated by Tecumseh Products. The subject site buildings occupy approximately 30-percent of the subject site.

Database/Records Review

Atwell retained EDR of Milford, Connecticut, to review federal, tribal, state and EDR proprietary records related to the subject site and nearby properties within the ASTM approximate minimal search radius (as seen on the table below). However, Atwell typically reviews local, state, tribal or federal database records of those sites of known environmental contamination (i.e., SHWS, LUST, CERCLIS, and NPL sites) within a one-quarter mile radius of the subject site. Atwell considers sites within this specified search radius as having the most potential to impact the subject site. Also, Atwell typically reviews local, state, tribal or federal database records of those sites of suspected environmental contamination (i.e., UST, Indian UST and RCRA generator sites), which adjoin the subject site, or, in the professional opinion of Atwell, are of such nature and proximity to the subject site to represent RECs.

EDR identified the subject site as a Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS NFRAP), a Corrective Action Report (CORRACTS), a Resource Conservation Recover Act-Treatment, Storage, and Disposal (RCRA-TSDF), a National Pollutant Discharge Elimination System (NPDES), Pollution Emergency Alert System, Spills (PEAS, SPILLS), and an underground storage tank (UST) site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, it is the opinion of the EP that the subject site activities represent an REC.

The EDR report also identified one RCRA-small quantity generator (SQG) of hazardous waste; five, conditionally exempt small quantity generators (CESQG) of hazardous waste; three sites that no longer generate hazardous waste (NonGen); three LUST/UST sites; four UST sites; three aboveground storage tank (AST) sites, and five BEA sites within one-quarter mile of the subject site. The RCRA SQG, CESQG, and NonGen sites have no reported violations, have achieved regulatory compliance, or no longer generate hazardous waste. In addition, the LUST/UST and BEA sites have either been granted regulatory closure by the Michigan Department of Environmental Quality (MDEQ) or are located cross or down-gradient of the inferred local groundwater flow. Furthermore, no release incidents have been reported for the AST or UST sites. Based on this information, it is the opinion of the EP that none of the other sites listed in the EDR report represent an REC to the subject site.

Historical/Document Review

Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts, and air conditioning compressors, with associated foundry and machinery operations. Other occupants of the site have included various metal manufacturers. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by

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2.0 Executive Summary (continued)

Historical/Document Review (continued)

releases of petroleum products or other hazardous substances related to the long-term industrial operatons or railroad siding represents an REC.

Site Reconnaissance Findings

During the site reconnaissance, Atwell evaluated the subject site for the potential presence of the following Recognized Environmental Conditions: (1) hazardous substances; (2) petroleum products; (3) evidence of the presence of underground storage tanks (USTs); (4) evidence of the presence of aboveground storage tanks (ASTs); (5) other suspect containers; (6) polychlorinated biphenyl (PCB)-containing equipment; (7) interior or exterior staining/corrosion; (8) discharge features (i.e., current or former septic/leaching fields, floor drains, oil/water separators); (9) pits, ponds or lagoons; (10) evidence of excavation and/or landfilling activities; (11) evidence of surface soil/surface water stains and/or stressed vegetation; (12) water supply and/or groundwater monitoring wells, and (13) observations of adjacent property uses and potential evidence of adverse environmental impacts associated with adjoining properties.

Large quantities (i.e., greater than typical residential use) and/or bulk storage of petroleum products were identified on the subject site during the site reconnaissance. Leaks and stains were noted at numerous areas within the manufacturing (south) building. The most significant area of stains was noted at the Oil Storage Area on the south side of Building "F". In this area, spills from the first floor migrated through the concrete floor and block walls into the basement area. Some of this spillage appears to have migrated into subsurface areas immediately outside the Oil Storage Area. It is the opinion of the EP the leaks and stains associated with the long-term use of various petroleum products and solvents represents an REC to the subject site.

Information provided by representatives of Tecumseh Products indicated that the subject site was previously serviced by as many as seventeen USTs. Reportedly, each of these tanks was permanently closed, although three (3) were referenced in facility documents as closed-in-place. It is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products from USTs represents an REC to the subject site.

Evidence of ten, large ASTs (6,000 to 12,500-gallons) was observed on the subject property during the site reconnaissance. Information provided by representatives of Tecumseh Products indicated that the subject site was previously serviced by as many as eight ASTs. There are three large tanks remaining in Building "O" and four on the north side of Building "T". The remaining three tanks are located in the Waste Water Treatment Plant. No evidence of leaks or stains was noted near these three tanks. There are also four smaller tanks (approximately 250-gallons) in capacity in the Engineering Department that store various oils used for testing refrigerative compressors. No leaks or stains were noted in this area. Numerous smaller tanks or storage vessels with capacities of up to 50-gallons were located in the Engineering department and in Building "E". Stains were noted on the concrete floor beneath the small tanks located in this area. The facility is also serviced by two diesel generators. One services the north office building and the other services the south manufacturing building. Both units have an internal reservoirs that store the generator fuel and have reported capacities of approximately 700-gallons. A leak and surface stain was noted beneath the unit that services the north building. The diesel fuel released at this location appears to have migrated off of the underlying asphalt pavement and onto the surrounding ground surface. As leaks or stains were noted near several of these ASTs, and the facility has used and stored various petroleum products or hazardous substances for many years, it is the opinion of the EP that the potential for subsurface impact related to releases from the ASTs currently/formerly on the subject site represents an REC.

Atwell inspected the subject site for the presence of oil-cooled electrical equipment that may contain PCBs. During the site reconnaissance, Atwell observed twenty-eight, pad-mounted transformers located along the exterior of the subject site building and six more inside the building. The transformers

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2.0 Executive Summary (continued)

Site Reconnaissance Findings (continued)

are owned by Tecumseh Products (the property owner), and each liquid-cooled transformer was labeled as containing less than 50 parts per million (ppm) PCBs. Although none of the transformers appeared to be leaking, an area of surface staining and distressed vegetation was noted near a bank of transformers along the west side of the building including transformers identified as units 13, 14, and 15. It is the opinion of the EP that the surface stain and distressed vegetation observed near transformer units 13, 14, and 15 represents an REC to the subject site.

During the site reconnaissance, Atwell observed staining in many areas throughout the subject site building. Particularly, surface stains were noted in much of the manufacturing portion of the building, including in part of the Engineering department (Building "J"); the old Waste Water Treatment Plant and Grinding area (Building "K"); part washing areas, the Oil Storage area and the Oil Testing Lab (Building "F"); the Steam Cleaning and Vacuum Pump stations (Building "E"). Expansion joints and surface cracks were noted throughout the building, some being in the vicinity of the stained areas. It is the opinion of the EP that potential impact to the subsurface environment from long-term leaks and spills of petroleum products and/or hazardous materials represents an REC to the subject site.

Numerous floor drains were noted throughout the manufacturing (south) subject site building. Evidence of leaks and stains was observed near several floor drains, most notably at the Steam Cleaning area in "Building E", several areas in Building "F", and the old Waste Water Treatment Plant in Building "K-1". Evidence of oil in the drain, or surface stains migrating into the floor drain area was observed at each of these locations. Therefore, it is the opinion of the EP that the potential for subsurface impact through breaches in the facility drainage system represents an REC.

During the site reconnaissance, Atwell also observed stained soil and/or stressed vegetation located along the southern boundary. The stressed vegetation along the southern boundary did not appear to be related to any feature or activity associated with the subject site operations and encompassed several hundred square feet of an area where the surface vegetation was largely missing. Therefore, it is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products and/or hazardous materials resulting in stressed or missing vegetation represents an REC.

Other Environmental Considerations

During the site reconnaissance, Atwell did not observe any evidence (i.e., cases of cold tablets, diet pills, several containers of solvents) for the presence of controlled substances on the subject site.

During the site reconnaissance and review of reasonably ascertainable records, Atwell did not identify any situations suggestive of continuing environmental obligations (i.e., institutional limitations, engineering controls).

The scope of services for this Phase I ESA did not include: (1) an evaluation for the presence of suspect asbestos-containing materials; (2) an evaluation of the presence of lead-based paint on the subject site; (3) an evaluation for the potential presence of Radon in the area of the subject site; (4) an evaluation of suspect wetland areas on the subject site; (5) a mold evaluation; (6) an evaluation of items of non-compliance with applicable local, state, or federal regulations, and (7) addressing any client-specific items for the subject site.

Findings and Opinions

During the course of this Phase I ESA, Atwell identified and evaluated the following known or suspect RECs associated with the subject site or nearby properties:

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2.0 Executive Summary (continued)

Findings and Opinions (continued)

- EDR identified the subject site as a CERCLIS NFRAP, a CORRACTS, a RCRA-TSDF, a NPDES, PEAS/SPILLS, and an UST site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, it is the opinion of the EP that a release(s) associated with the subject site activities represents an REC to the subject site.

- Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts and air conditioning compressors. Other occupants of the site have included various metal manufacturers, which included foundry and machining operations. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by releases of petroleum products and/or other hazardous substances, and related to the long-term industrial operations or the railroad siding represents an REC to the subject site.

Conclusions

Atwell has performed this Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-05 and AAI specifications for the building and property located at 100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee, Tecumseh, Lenawee County, Michigan. During the course of this Phase I ESA, the EP identified RECs associated with the subject site as previously identified. Therefore, Atwell recommends that a Limited Phase II Subsurface Investigation be conducted to determine the nature, extent and materiality of the identified RECs.

Suggested Actions to Address Business Environmental Risk

The scope of services for this Phase I ESA did not include providing suggested actions to address business environmental risk.

Disclaimer

This report was prepared solely for the benefit of Consolidated Biscuit Company and Fifth Third Bank and no other party or entity shall have any claim against Atwell due to the performance or nonperformance of the services presented herein. Only Consolidated Biscuit Company and Fifth Third Bank may rely upon this report for the sole purpose of obtaining financing, obtaining refinancing, acquisition of the subject site, lease of the subject site, or sale of the subject site. Any other parties seeking reliance upon this report must obtain Atwell's prior written approval. Atwell specifically renounces any and all claims by parties asserting a third party beneficiary status.

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3.0 Introduction

3.1 Purpose

Atwell conducted the Phase I Environmental Site Assessment (ESA) in order to provide an independent, professional opinion of the possible presence of Recognized Environmental Conditions (RECs) or other possible environmental concerns (if any) associated with the subject site as part of environmental due diligence. As defined in American Society for Testing and Materials (ASTM) Designation: E 1527-05, the term Recognized Environmental Conditions means "...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property".

Performance of the Phase I ESA was intended to reduce, but not eliminate, uncertainty regarding the existence of Recognized Environmental Conditions in connection with the subject site.

3.2 Scope of Work

Atwell performed the Phase I ESA while using standards typically adhered to by other environmental consulting professionals. Atwell adheres to such professional standards in an effort to maintain innocent landowner defense options for sellers, bona fide prospective purchasers, lenders and/or contiguous property owners under guidelines set forth in the Federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Phase I ESA was performed to meet the standard of "All Appropriate Inquiry" (AAI) as promulgated by the United States Environmental Protection Agency (USEPA) to qualify for the CERCLA innocent landowner defenses.

The Phase I ESA was conducted in general conformance with the ASTM Designation: E 1527-05, Standard Practice For Conducting Environmental Site Assessments and 40 Code of Federal Regulations (CFR) Part 312, AAI.

This Phase I ESA was performed to evaluate environmental risk and does not include any investigation involving business environmental risks.

The Scope of Work for the Phase I ESA included:

- A visual inspection of the subject site on September 26, 2008, and all improvements thereon to evaluate general environmental conditions;
- Establishing the present and past land uses at and adjacent to the site through the review of: (1) historical aerial photographs; (2) city directories; (3) the local topographic map; (4) local Assessment/Building Department/Tax records; (5) historical Sanborn Fire Insurance Maps, if available; (6) the local Fire Department, and (7) interviews with present and past owners, operators and/or occupants, when available;
- A review and evaluation of the following databases of federal, tribal, state, and local known or suspected sites of environmental contamination within the applicable ASTM recommended distance from the subject site, including but not limited to: (1) The United States Environmental Protection Agency's (USEPA's) National Priority List (NPL) records including, current NPL sites, proposed NPL sites, de-listed NPL sites and NPL recovery (Superfund Liens) sites; (2) The USEPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) list of known or suspected hazardous waste sites; (3) The USEPA's Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)-No Further Remedial Action Planned (NFRAP) list of known or suspected hazardous waste sites; (4) The USEPA's Resource Conservation Recovery Act (RCRA) Corrective Action Report (CORRACTS) list for facilities that produce small quantities, large quantities, or transport, store, or dispose (TSD) of hazardous materials that are subject to corrective action under RCRA; (5) The USEPA's Resource

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3.0 Introduction (continued)

3.2 Scope of Work (continued)

Conservation Recovery Information System (RCRIS) Non-CORRACTS notifier list for facilities that generate small quantities, large quantities, or TSD of hazardous materials; (6) The USEPA's Emergency Response Notification System (ERNS) list for reported releases of oil and hazardous substances; (7) USEPA's listing of sites with activity use limitations (AUL), engineering controls (US Eng. Controls), or sites with institutional controls in place (US Inst. Controls); (8) USEPA's listing of Brownfields sites; (9) state and tribal-equivalent, prioritized listing of known sites of environmental contamination [State Hazardous Waste Sites (SHWS)]; (10) state and tribal-equivalent listing of NPL sites; (11) state and tribal-equivalent listing of CERCLA sites; (12) state and tribal-equivalent listing of current and formerly licensed and/or unlicensed landfill and disposal facilities (SWF/LF); (13) state and tribal-equivalent listing of Leaking Underground Storage Tank (LUST) sites; (14) state and tribal-equivalent listing of Registered Aboveground or Underground Storage Tanks (AST/UST); (15) state and tribal-equivalent listing of sites subject to engineering controls (Eng Controls); (16) state and tribal-equivalent listing of sites which are subject to institutional controls (Inst Controls); (17) state and tribal-equivalent listing of Voluntary Clean-up Sites (VCP); (18) state and tribal-equivalent listing of sites listing of Brownfield sites; (19) proprietary and state-specific environmental database sites within one-quarter mile of the subject site, and

- Atwell has also provided a list of references used to complete the project (**Appendix A**).

The Phase I ESA was conducted between the period of September 16, 2008 to October 10, 2008.

This Phase I ESA was completed by Robert W. Lambdin, Product Quality Leader of Atwell, under the supervision of Bryan D. Wallick, Project Manager and Team Leader. Both individuals meet the requirements of an Environmental Professional (EP), as defined in 40 CFR 312. The EP's involvement included the project planning; supervision; reviewing and interpreting all data collected; formation of findings and opinions; report review, and recommendations for any further investigations, if warranted. Personnel resumes are included in **Appendix B**.

3.3 Significant Assumptions

During the course of this Phase I ESA, no significant assumptions were made.

3.4 Limitations and Exceptions

Atwell has concluded that aerial photograph data failure occurred prior to 1940, between the years 1949 to 1963, 1970 to 1992 and 1992 to 2005; city address directories were not available prior to 1998; the connection dates for site utilities could not be definitively ascertained, and the information regarding the development of the site prior to 1906 was not readily available.

The information obtained from external sources, to the extent it was relied upon to form Atwell's opinion about the environmental condition of the site, was assumed to be complete and correct. Atwell cannot be responsible for the quality and content of information from these sources. However, based on a review of readily available and reasonably ascertainable information, Atwell concluded that these limitations/data gaps should not materially limit the reliability of the report and that a thorough documentation of the subject site's environmental condition has been conducted.

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3.0 Introduction (continued)

3.5 Deviations From the ASTM Standard

No deviations from the recommended scope of ASTM Standard E 1527-05 or AAI were performed as part of this Phase I ESA with the exception of any additions noted in Detailed Scope of Services or any additional items addressed in Section 9.0 (Other Environmental Considerations).

3.6 Special Terms and Conditions

Authorization to perform this assessment was given by the client on September 16, 2008. Instructions as to the location of the property, access, and an explanation of the property and facilities to be assessed were provided by Mr. Michael Mendenhall, VP of Fifth Third Bank.

3.7 Reliance

Atwell stipulates that, as of the date of the report, the information and opinions included in this Phase I ESA may be used and relied upon by Consolidated Biscuit Company and Fifth Third Bank.

4.0 Site Description

4.1 Location and Legal Description

The subject site is located in the Section 34, Township 5 South, Range 4 East, Tecumseh, Lenawee County, Michigan. A legal description (Parcel Number 324-0241-00) for the subject site is presented in **Appendix H**. The location of the subject site is presented on the Site Location Map in Figure 1 (**Appendix C**).

4.2 Site and Vicinity Description

During the site reconnaissance, Atwell observed the subject site to be comprised of 59.68-acres of developed land located at 100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee, Tecumseh, Michigan. The subject site is irregularly-shaped and occupied by a large industrial facility currently being vacated by Tecumseh Products. The area surrounding the site is a mix of commercial and residential properties to the north, commercial properties to the south and east, and industrial or residential properties to the west. The Site Plan View is included as Figure 2 (**Appendix C**).

4.3 Current Use of Property

The subject site consists of one, 750,000-square foot industrial facility, and a second, 26,208-square foot warehouse building (referred to as the Emerson Building). For many years the facility was used to design, test and manufacture air conditioning compressors, but has been used for a variety of industrial purposes since the early 1900s. The industrial building is a mix of wood, concrete, and metal construction, having been developed in several phases over a number of years. The warehouse building is of block construction, initially developed in 1964. Most of the eastern portions of the main industrial portion of the property was used for parking of employee vehicles. The subject site buildings occupy approximately 30-percent of the subject site.

4.4 Description of Structures and Other Improvements

The subject site includes a large industrial building described as follows:

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4.0 Site Description (continued)

4.4 Description of Structures and Other Improvements (continued)

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Tecumseh Products	Industrial	two	700,000	Natural gas
General Construction				
The main subject site building located at 101 East Patterson, was constructed over numerous stages beginning around 1900. Portions include wood and or block walls; wood and/or metal-framed roofs; concrete, wood, and vinyl or ceramic tiled floors; some areas of gypsum dry walls; office areas with acoustic ceiling tiles and fluorescent lights, and a flat, membrane roof.				

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Emerson Building	warehouse	one	26,208	natural gas
General Construction				
This building is of a block construction with a concrete floor, and a flat metal deck roof. The interior is largely unfinished but does include some office areas with dry wall and carpeting.				

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Tecumseh Products	Office	two	55,000	natural gas
General Construction				
The office building located on the north side of East Patterson is brick constructed, with a flat, metal deck roof. Interior finishes include vinyl floor tiles, dry wall, acoustic ceiling tiles, and fluorescent lights. The exterior is brick. There is an enclosed, metal walkway that connects the north office building with the south industrial/manufacturing building.				

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Tecumseh Products	Storage	two	2,000	Natural Gas
General Construction				
There is a storage building in the parking lot of the north office building. This building is of of wood constructed with a pitched, asphalt shingled roof. Interior finishes include dry wall.				

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Tecumseh Products	Oil Storage	one	1,500	none
General Construction				
This building is used for the storage of oil products, is of a metal construction (walls and roof) with a metal roof, and concrete floor. Interior finishes are limited to the exposed exterior building materials. There is no heat source in this building.				

Building Name	Building Use	# of Stories	Footprint (sq. ft)	Heat Source
Tecumseh Products	Waste Water Treatment Plant	one with a mezzanine	2,000	natural gas
General Construction				
This building houses the facility waste water treatment plant, is of a metal construction walls and roof) with a metal roof, and concrete floor. Interior finishes are limited to the exposed exterior building materials.				

Other Improvements

Other improvements on the subject site include paved and gravel parking, public utilities, a water tower, several small lean-two or stand alone storage/garage buildings surrounding the industrial building. Refer to Section 6.2 for further information.

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4.0 Site Description (continued)

4.5 Current Adjoining Property Information

Adjacent properties include a mix of developed properties including residential, commercial and industrial facilities. A summary of these sites is as follows:

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Patterson	Industrial
Occupant(s) Name	**Address**		
Consumers Energy	201 East Patterson		
Observations and/or Potential Environmental Concerns			
This is an electric switch yard for Consumers Energy. No RECs were observed on this adjoining property.			

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Cummings	Residential
Occupant(s) Name	**Address**		
Private Residence	316 South Evans		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining residential property.			

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Cummings	Commercial
Occupant(s) Name	**Address**		
Spectron Industries	317 South Ottawa		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property.			

Direction From Site	Shared Border?	Across What?	Current Use
Northeast	No	South Ottawa	Residential
Occupant(s) Name	**Address**		
Private residence	408 Ottawa		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining residential property.			

Direction From Site	Shared Border?	Across What?	Current Use
Northeast	No	South Ottawa	Residential
Occupant(s) Name	**Address**		
Private residence	410 Ottawa		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining residential property.			

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Patterson	Commercial
Occupant(s) Name	**Address**		
Barron's Towing	209 East Patterson		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property,which appeared to be a vehicle towing and repair facility.			

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4.0 Site Description (continued)

4.5 Current Adjoining Property Information (continued)

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Patterson	Commercial
Occupant(s) Name	**Address**		
M & S Land Holdings	223 East Patterson		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property; although its specific commercial use could not be determined.			

Direction From Site	Shared Border?	Across What?	Current Use
North	No	East Patterson	Commercial
Occupant(s) Name	**Address**		
United Bank and Trust	225 East Patterson		
Observations and/or Potential Environmental Concerns			
This is a vacant bank building, with no RECs observed.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Commercial
Occupant(s) Name	**Address**		
Tecumseh Products	410 South Maumee		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property, which is reportedly a storage building used by Tecumseh Products.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Commercial
Occupant(s) Name	**Address**		
Slusarski Landscaping	424 South Maumee		
Observations and/or Potential Environmental Concerns			
This property is used as an equipment storage and repair facility for an earth moving and landscaping company. No RECs were observed on this adjoining commercial property.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Residential
Occupant(s) Name	**Address**		
Private residence	501 South Maumee		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining residential properties.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Commercial
Occupant(s) Name	**Address**		
Todd's Garden	509 South Maumee		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property, which is utilized as a garden center.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Commercial
Occupant(s) Name	**Address**		
Verizon	606 South Maumee		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial, office property.			

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4.0 Site Description (continued)

4.5 Current Adjoining Property Information (continued)

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Commercial
Occupant(s) Name	**Address**		
I Did It - Hot Rod Stuff	610 South Maumee		
Observations and/or Potential Environmental Concerns			
This facility is a retail outlet for specialty automobile parts and accessories. No RECs were observed on this adjoining commercial property.			

Direction From Site	Shared Border?	Across What?	Current Use
East	No	South Maumee	Institutional
Occupant(s) Name	**Address**		
Tecumseh Public Schools	700 South Maumee		
Observations and/or Potential Environmental Concerns			
This property is the bus parking and repair facility for the Tecumseh School District. No RECs were observed on this adjoining property.			

Direction From Site	Shared Border?	Across What?	Current Use
South	Yes	Property line	Commercial
Occupant(s) Name	**Address**		
Various commercial tenants	801 South Maumee		
Observations and/or Potential Environmental Concerns			
This property is occupied by several commercial/office tenants including A.B. Battos Accounting; M. Haas - Art Show; and Tecumseh Tech. No RECs were observed on this adjoining property.			

Direction From Site	Shared Border?	Across What?	Current Use
South		Property line	Commercial
Occupant(s) Name	**Address**		
Martin's Home Center	805 South Maumee		
Observations and/or Potential Environmental Concerns			
This property is occupied by Martin' Home Center, which reportedly utilizes the site for furniture storage space. No RECs were observed on this adjoining property.			

Direction From Site	Shared Border?	Across What?	Current Use
South	Yes	Property line	Commercial
Occupant(s) Name	**Address**		
United Bank and Trust	209 Russell		
Observations and/or Potential Environmental Concerns			
This is a branch bank and support facility for United Bank and Trust. No RECs were observed on this adjoining property.			

Direction From Site	Shared Border?	Across What?	Current Use
South	Yes	Property line	Institutional
Occupant(s) Name	**Address**		
Tecumseh Fire Department	101 Russell		
Observations and/or Potential Environmental Concerns			
This building is the local fire station. No RECs were observed on this adjoining property.			

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4.0 Site Description (continued)

4.5 Current Adjoining Property Information (continued)

Direction From Site	Shared Border?	Across What?	Current Use
West	No	South Evans	Commercial
Occupant(s) Name	**Address**		
Benjamin and Jannet McWilliams	409 South Evans		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property.			

Direction From Site	Shared Border?	Across What?	Current Use
West	No	South Evans	Commercial
Occupant(s) Name	**Address**		
Private residences	411-701 South Evans		
Observations and/or Potential Environmental Concerns			
No RECs were observed on these adjoining residential dwellings.			

Direction From Site	Shared Border?	Across What?	Current Use
West	No	South Evans	Industrial
Occupant(s) Name	**Address**		
Tecumseh Corrugated Box	707 South Evans		
Observations and/or Potential Environmental Concerns			
No RECs were observed on this adjoining commercial property.			

5.0 User Provided Information

5.1 Title Records

No title records were provided by the user/client. Please refer to the Records Review section for current and historical ownership/use of the subject site.

5.2 Environmental Liens and Activity/Use Limitations

The client/user indicated that they had no knowledge of any environmental liens or activity/use limitations associated with the subject site.

5.3 Specialized Knowledge

With the exception of a previous Phase I ESA report, no specialized knowledge in connection with the current or historical use of the subject site, facility operations or adjacent properties was identified by the user/client.

5.4 Purchase Price and Market Value Comparison

The user/client stated that to their knowledge, there are no environmental concerns that would affect the fair market value of the subject site; however, the transfer price is nominal as the transaction is intended to represent a job-creating activity for the City of Tecumseh.

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5.0 User Provided Information (continued)

5.5 Valuation Reduction for Environmental Issues

No environmental issues were identified by the user/client that could result in property value reduction.

5.6 Owner, Property Manager, and Occupant Information

Mr. Randy Kopke, Corporate Facilities & Property Manager and Mr. John Knapp, Quality/Environmental Systems Manager, both of Tecumseh Products Company, were available to provide site specific information pertaining to the subject site. Both gentlemen indicated that they had no knowledge of any subsurface investigations ever being conducted on the subject site. Information on the number, location and contents of numerous underground and aboveground storage tanks was provided during the site reconnaissance. Mr. Kopke also accompanied Atwell during the site inspection. Interview documentation from both Tecumseh Products Company representatives is included in **Appendix I**.

5.7 Reason For Performing Phase I

The Phase I ESA is being conducted for Fifth Third Bank and Consolidated Biscuit Company as part of environmental due diligence prior to property transfer or refinancing. The User Provided Information questionnaire is included in **Appendix E**.

6.0 Records Review

6.1 Standard Environmental Records Sources

Atwell retained EDR of Milford, Connecticut, to review federal, tribal, state and EDR proprietary records related to the subject site and nearby properties within the ASTM approximate minimal search radius (as seen on the table below). However, Atwell typically reviews local, state, tribal or federal database records of those sites of known environmental contamination (i.e., SHWS, LUST, CERCLIS, and NPL sites) within a one-quarter mile radius of the subject site. Atwell considers sites within this specified search radius as having the most potential to impact the subject site. Also, Atwell typically reviews local, state, tribal or federal database records of those sites of suspected environmental contamination (i.e., UST, Indian UST and RCRA generator sites), which adjoin the subject site, or, in the professional opinion of Atwell, are of such nature and proximity to the subject site to represent RECs.

EDR identified the subject site as a Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS NFRAP), a Corrective Action Report (CORRACTS), a Resource Conservation Recover Act-Treatment, Storage, and Disposal (RCRA-TSDF), a National Pollutant Discharge Elimination System (NPDES), Pollution Emergency Alert System, Spills (PEAS, SPILLS), and an underground storage tank (UST) site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, it is the opinion of the EP that a release associated with the subject site activities represents an REC.

The EDR report also identified one RCRA-small quantity generator (SQG) of hazardous waste; five, conditionally exempt small quantity generators (CESQG) of hazardous waste; three sites that no longer generate hazardous waste (NonGen); three LUST/UST sites; four UST sites; three aboveground storage tank (AST) sites, and five BEA sites within one-quarter mile of the subject site. The RCRA SQG, CESQG, and NonGen sites have no reported violations, have achieved regulatory compliance, or no longer generate hazardous waste. In addition, the LUST/UST and BEA sites have either been granted regulatory closure by the Michigan Department of Environmental Quality (MDEQ) or are located cross or down-gradient of the inferred local groundwater flow. Furthermore, no release incidents have been

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6.0 Records Review (continued)

6.1 Standard Environmental Records Sources (continued)

reported for the AST or UST sites. Based on this information, it is the opinion of the EP that none of the other sites listed in the EDR report represent an REC to the subject site.

A review of the EDR Orphan Summary (which is a compilation of sites with poor or inadequate location information) indicated that there are sixteen sites in the general vicinity of the subject site. However, further evaluation of the physical location of these sites indicated that none include the subject site or any adjoining properties.

The *EDR Radius Report with GeoCheck® Report* is included in **Appendix G**.

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1	0	0	0	0	NR	0
PROPOSED NPL		1	0	0	0	0	NR	0
DELISTED NPL		1	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.5	0	0	0	NR	NR	0
CERCLIS-NFRAP	X	0.5	0	0	0	NR	NR	0
CORRACTS	X	1	0	0	0	0	NR	0
RCRA-TSDF	X	0.5	0	0	0	NR	NR	0
RCRA-LQG		0.25	0	0	NR	NR	NR	0
RCRA-SQG	X	0.25	1	0	NR	NR	NR	1
RCRA-CESQG		0.25	4	1	NR	NR	NR	5
RCRA-NLR		0.25	2	1	NR	NR	NR	3
ERNS	X	TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.5	0	0	0	NR	NR	0
US INST CONTROL		0.5	0	0	0	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
LF		0.5	0	0	0	NR	NR	0
HIST LF		0.5	0	0	0	NR	NR	0
LUST		0.5	3	0	5	NR	NR	8
UST	X	0.25	5	2	NR	NR	NR	7
AST		0.25	2	1	NR	NR	NR	3
AUL		0.5	0	0	0	NR	NR	0
BROWNFIELDS		0.5	0	0	0	NR	NR	0
PEAS	X	TP	NR	NR	NR	NR	NR	0
BEA		0.5	2	3	3	NR	NR	8
INDIAN RESERVE		1	0	0	0	0	NR	0
INDIAN UST R5		0.25	0	0	NR	NR	NR	0

Site Name: TECUMSEH PRODUCTS INCORPORATED
Databases: UST, CERCLIS-NFRAP, FINDS, RCRA-SQG, RCRA-TSDF, CORRACTS, PEAS, ERNS, NPDES
Address: 100 EAST PATTERSON STREET
Distance: Subject Site
Direction: East
Elevation: Higher
Comments: The subject site is referenced under a number of state and federal environmental databases. As a hazardous waste generator (ID number MID005049400), the subject site received violations in 1986, 1987, and 2001. All of these noted hazardous waste generator violations have achieved compliance. EDR also references Tecumseh Products as a large

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6.0 Records Review (continued)

6.1 Standard Environmental Records Sources (continued)

Comments: quantity generator of hazardous waste, in the past. The most recent biennial hazardous waste reporting (prepared by large quantity generators of hazardous waste) occurred in 2005, and was conducted for the previous year. Noted wastes included ignitable, corrosive, and reactive hazardous wastes (waste codes D001, D002, and D003), mercury (D009), cresol (D026) and spent halogenated solvents (F001). With the exception of the date of the incident (1992), information regarding any RCRA corrective action (CORRACTS) was not included in the EDR report or provided to Atwell during this assessment.
EDR reports the subject site as a CERCLIS-NFRAP site with an unreported discovery date, but with preliminary assessment completed in 1993. The issue was archived in 1995 and deferred to the RCRA program.

Tecumseh Products is also listed in the EDR report as a UST site. EDR reported that the subject site was previously serviced by fifteen USTs that ranged in size from 1,000 to 20,000-gallons in capacity. Contents included lubrication oil, un-identified hazardous substances, used oil, lapping vehicle oil, and fuel oil. The EDR report identifies twelve of the USTs as removed from the ground, with three closed-in-ground. All UST closures were referenced as occurring in 1990. While facility personnel did provide an inventory of USTs and ASTs (see Appendix H), no information was readily available regarding site assessment activities that occurred at the time these USTs were removed.

The subject site is also covered by an NPDES permit (No. MIS510097), which was issued in 2005 and expires in 2010. The EDR report included no other significant information regarding the NPDES permit.

EDR also references the subject site as a SPILLS site through the Michigan PEAS program, with incidents occurring in 1992 and 2003. The 1992 incident reportedly involved the release of several hundred gallons of oil when filling an AST. The release incident apparently involved a storm drain. The 2003 spill incident was described as involving the unloading of a truck, where the receiving system was overfilled. Other information regarding the incident including assessment data was not included in the EDR report or provided to Atwell during this assessment.

Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS or the PEAS incidents, it is the opinion of the EP that the potential for subsurface impact related to the historic subject site activities represents an REC.

Site Name: 223 East Patterson
Databases: BEA
Address: 223 E PATTERSON ST
Distance: 50-feet
Direction: South
Elevation: Lower
Comments: EDR references the 223 East Patterson property as an BEA site located to the south of the subject site. Field verification of the location of this site indicated it is actually located on a northern adjacent property, across East Patterson. Although specific contaminant information was not included in the EDR report, A BEA is conducted on a property where subsurface contamination is identified at concentrations exceeding the MDEQ Part 201 Residential and Commercial I Cleanup criteria. The EDR Physical Setting Source Summary indicated the topography in the area slopes to the east. As groundwater flow will often mimic surface topography, it appears this site is hydraulically cross-gradient to the subject site. Therefore, it is the opinion of the EP that the known contamination at the

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6.0 Records Review (continued)

6.1 Standard Environmental Records Sources (continued)

Comments: northern 223 East Patterson BEA site in unlikely to affect the subject site and does not represent an REC.

Site Name: 610 SOUTH MAUMEE
Databases: BEA
Address: 610 SOUTH MAUMEE
Distance: 21-feet
Direction: East
Elevation: Lower
Comments: EDR references the 610 South Maumee property as an BEA site located less than one-eighth mile to the east of the subject site. The EDR Physical Setting Source Summary indicated the topography in the area slopes to the east. As groundwater flow will often mimic surface topography, it appears this site is hydraulically down-gradient to the subject site. Therefore, it is the opinion of the EP that the known contamination at the 610 East Maumee site in unlikely to affect the subject site and does not represent an REC.

Site Name: GTE NORTH, INC
Databases: LUST/UST
Address: 606 S MAUMEE ST
Distance: 22-feet
Direction: East
Elevation: Lower
Comments: The GTE North site is referenced as a LUST/UST site located less than one-eighth mile east of the subject site. According to the EDR report, this facility was previously serviced by a 6,000-gallon gasoline UST and a 500-gallon used oil UST. Both tanks were reportedly installed in the 1970s and removed in 1992, at which time a release was reported to the State of Michigan. The release incident was closed in 1994, indicating that site assessment or remediation activities had rendered contaminants to levels below state cleanup criteria. Based on the closure status and apparent down-gradient location, it is the opinion of the EP that the GTE North LUST site does not represent an REC to the subject site.

Site Name: TECUMSEH CORRUGATED BOX CO
Databases: LUST, UST
Address: 707 S EVANS ST
Distance: 31-feet
Direction: West
Elevation: Higher
Comments: The Tecumseh Corrugated Box site is referenced as a LUST/UST site located less than one-eighth mile west of the subject site. According to the EDR report, this facility was previously serviced by three USTs (1,500, 10,000, and 15,000-gallons) that contained gasoline and kerosene. Both tanks were reportedly installed in the 1960s and 1970s and removed in 1989 or 1990. A release was reported to the State of Michigan in 1990. The release incident was closed in 1991, indicating that site assessment or remediation activities had rendered contaminants to levels below state cleanup criteria. Based on the closure status, it is the opinion of the EP that the Tecumseh Corrugated Box LUST site does not represent an REC to the subject site.

Site Name: CONSOLIDATED FREIGHTWAYS
Databases: UST, LUST
Address: 424 S MAUMEE ST
Distance: 406-feet
Direction: North

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6.0 Records Review (continued)

6.1 Standard Environmental Records Sources (continued)

Elevation: Lower
Comments: The Consolidated Freightways site is referenced as a LUST/UST site located less than one-eighth mile north of the subject site. According to the EDR report, this facility was previously serviced by one, 8,000-gallon diesel fuel UST that was installed in 1960 and removed in 1991. A release was reported to the State of Michigan in July 1991 and closed in 1998, indicating that site assessment or remediation activities had rendered contaminants to levels below state cleanup criteria. Based on the closure status, it is the opinion of the EP that the Consolidated Freightways LUST site does not represent an REC to the subject site.

Site Name: 500 EAST CUMMINS
Databases: BEA
Address: 500 EAST CUMMINS
Distance: 816-feet
Direction: Northeast
Elevation: Lower
Comments: EDR references the 500 East Cummins property as a BEA site located to between one-eighth and one-quarter mile northeast of the subject site. The EDR Physical Setting Source Summary indicated the topography in the area slopes to the east. As groundwater flow will often mimic surface topography, it appears this site is hydraulically cross-gradient to the subject site. Although specific information regarding the site impact was not referenced in the EDR report, it is the opinion of the EP that the known contamination at the 500 East Cummins site in unlikely to affect the subject site and does not represent an REC.

Site Name: METAL ART INC
Databases: BEA
Address: 317 S OTTAWA ST
Distance: 877-feet
Direction: North
Elevation: Lower
Comments: EDR references the Metal Art Inc. property as a BEA site located to between one-eighth and one-quarter mile north of the subject site. The EDR Physical Setting Source Summary indicated the topography in the area slopes to the east. As groundwater flow will often mimic surface topography, it appears this site is hydraulically cross-gradient to the subject site. Although specific information regarding the site impact was not referenced in the EDR report, it is the opinion of the EP that the known contamination at the Metal Art Inc. site in unlikely to affect the subject site and does not represent an REC.

Site Name: RARE TOOL, INC.
Databases: BEA
Address: 315 S OTTAWA ST
Distance: 886-feet
Direction: North
Elevation: Lower
Comments: EDR references the Rare Tool Inc. property as a BEA site located to between one-eighth and one-quarter mile north of the subject site. The EDR Physical Setting Source Summary indicated the topography in the area slopes to the east. As groundwater flow will often mimic surface topography, it appears this site is hydraulically cross-gradient to the subject site. Although specific information regarding the site impact was not referenced in the EDR report, it is the opinion of the EP that the known contamination at the Rare Tool Inc. site in unlikely to affect the subject site and does not represent an REC.

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6.0 Records Review (continued)

6.2 Additional Environmental Record Sources

Atwell reviewed current and historical files maintained by the City of Tecumseh for the subject site. The review of municipal records was conducted in order to identify possible environmental concerns (e.g., suspect building materials, USTs, ASTs, etc.) associated with the subject site. In addition, Atwell requested any commonly known information from the assessing/building department representatives. Municipal records indicated the subject site is owned by Tecumseh Products Company. A summary of the subject site parcels and building structures is as follows:

- 101 and 100 East Patterson, Parcel No. 325-0241-00; 47.15-acres, 750,000-square feet of building
- 420 South Maumee (Emerson Building), Parcel No. 325-0402-00, 5.78-acres, 26,208-square foot building
- 402 South Evans, Parcel No. 325-0130-00; 0.4-acre
- 404 South Evans, Parcel No. 325-0140-00. 2.2-acres
- 600 South Ottawa, Parcel No. 325-0150-00, 0.75-acre
- 805 South Evans, Parcel No. 325-0250-00, 3.4 acres

According to Ms. Amanda Lacelle, Tecumseh City Assessor, records indicate that subject site building size and tax assessment are under dispute. Assessing department records did not include any information suggestive of environmental concern. Records documentation of the subject site parcels and buildings are included in **Appendix H**. Interview documentation is included in **Appendix I**.

Atwell contacted the City of Tecumseh municipal offices to determine the zoning specifications for the subject site. The subject property is currently zoned I-1, Industrial.

Atwell contacted the City of Tecumseh Fire Department for information regarding current or former USTs or ASTs at the subject site, as well as, any hazardous material storage, spill response records or commonly known information that may be available from fire department representatives. Fire department records did not identify any items indicative of environmental concern for the subject site, but Emergency Planning and Community Right to Know reporting is submitted annually. According to Mr. Mark Monroe, of the Tecumseh Fire Department, information regarding the subject site is limited and there have been few responses to the property during his tenure. He had no knowledge of any environmental concerns associated with the subject site. Records documentation is included in **Appendix H**. Interview documentation is included in **Appendix I**.

The subject site currently connected to municipal and public utilities. Water and sanitary sewer services are provided by the City of Tecumseh. Electric service and natural gas are available through Consumers Energy. Information on the exact connection date(s) for natural gas was not available. It is known; however, that the subject site was previously serviced by boilers that utilized fuel oil. According to information provided by facility personnel, the tanks were 14,700 (one tank) and 20,000-gallons (two tanks) in size, and all were closed in place during the 1980s and 1990s. Please refer to Section 7.3.3 and **Appendix H** for additional information regarding the fuel oil USTs.

Atwell reviewed the MDEQ, Remediation and Redevelopment Division (RRD) Perfected Lien List, dated May 12, 2008, regarding any recorded environmental liens for the subject site. Atwell did not identify any RRD environmental liens on file for the subject site or parent parcel. Records documentation is included in **Appendix H**.

6.3 Physical Setting Sources

Atwell reviewed the USGS 7.5 Minute Topographic Map of the subject site and surrounding area. The topographic map reviewed was the Tecumseh South, Michigan Quadrangle. Surface drainage at the subject site appears to be generally to the east, towards the River Raisin. According to the EDR, Physical Setting Source Summary, no groundwater flow direction data has been reported within one

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6.0 Records Review (continued)

6.3 Physical Setting Sources (continued)

mile of the subject site. Unless otherwise noted, the surface drainage flow direction has been inferred from a review of regional topographical data. Site-specific conditions may vary due to a variety of factors, including geologic anomalies, utilities, nearby pumping wells (if present), and other developments.

USGS Topographic Maps

Date:	1972
Quad ID:	Tecumseh South
Ft. Above MSL:	802
Latitude:	41.997900
Longitude:	-83.943700
Anticipated GW Flow Direction:	East
Distance to SW Bodies:	one-half mile
Site Land Use:	
The subject site appears as a large industrial building, much as it exists today.	
Adjoining Properties Land Use:	
The surrounding properties to the north are residential, properties to the east appear to be commercial, properties to the south appear to be undeveloped, and properties to the west are residential and industrial.	

Soil Conservation Service Soil Map

Date: October 2008
Source: US Department of Agriculture, Soil Conservation Service
Soil Description: The subject site soils are mainly Fox gravelly loam, Fox sandy loam, or Brady loam. The Fox soils are well drained with moderate infiltration rates and coarse textures. The Brady loam also has a moderate infiltration rate but is somewhat poorly drained and a coarse texture.

6.4 Historical Use Information

6.4.1 Historical Summary

Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts and air conditioning compressors. Other occupants of the site have included various metal manufacturers, with foundry and machining operations. Historical Sanborn Fire Insurance Maps depict rail road sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by releases of petroleum products, other hazardous substances, or related to the rail road siding represents an REC.

6.4.2 City Directories

Atwell retained EDR to conduct a review of historical cross-index directories (i.e., Polk's) on file for the subject site and immediately adjoining properties. Polk's Cross-Index Directories compile historical addresses for sites located throughout southeastern Michigan. EDR reviewed the Polk's Lenawee County area indexes in approximately five-year intervals for the time period between 1998 to 2008. During the review of historical address directories, Atwell identified the subject site as Tecumseh Products Company. Considering the long-term industrial use of the subject site, it is the opinion of the EP that city directories have identified RECs associated with the subject site and/or adjacent properties. The EDR City Directory Abstract is included in **Appendix F**.

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6.0 Records Review (continued)

6.4 Historical Use Information (continued)

6.4.2 City Directories (continued)

The following is a listing of the specific directories utilized and the occupants located at and adjacent to the subject site:

Information Source: Polk's City Directory
Date(s): 1998
Site: 100 East Patterson: Tecumseh Products
Adjoining: 211 East Patterson: Allied Discount Tires and M & M Towing and Recovery (northern adjacent property)
No other adjoining properties listed in the research source.

Information Source: Polk's City Directory
Date(s): 2003
Site: 100 East Patterson: Tecumseh Products and Active Hourly Insurance
Adjoining: 211 East Patterson: All American Towing and Barron's Recovery and Towing (northern adjacent property)
No other adjoining properties listed in the research source.

Information Source: Polk's City Directory
Date(s): 2008
Site: 100 East Patterson: Tecumseh Products
Adjoining: 211 East Patterson: All American Towing and Barron's Recovery and Towing (northern adjacent property)
223 East Patterson: Tecumseh Trolley and Limousine (northern adjacent property)
No other adjoining properties listed in the research source.

6.4.3 Aerial Photos

Atwell reviewed aerial photographs for the years 1940, 1949, 1963, 1970, 1979, 1992, and 2005 on file with EDR aerial Photography Services. Aerial photographs for the years 1940 and 2005 are included in **Appendix F**.

No evidence of landfilling activities, waste dumping, unexplained excavation, or hazardous material storage activities were observed during the review of historical aerial photographs. However, the subject site does appear as a large industrial facility in all referenced aerial photographs.

The aerial photograph review is as follows:

Information Source: EDR
Date(s): 1940
Site: The subject site appears to be a large industrial facility. Unpaved parking was located on the east side of the subject site.
Adjoining: The northern adjacent properties appears to be residential, while properties to the east and south appeared to be agricultural. The land to the west included residential properties, agricultural land, and a small industrial building.

Information Source: EDR
Date(s): 1949
Site: The subject site appears to be a large industrial facility. Unpaved parking was located on the east side of the subject site. There were three structures on the northern portion of the subject site that are not present today. The footprint of the south (manufacturing) building appeared to have expanded significantly since the previous aerial photograph.

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6.0 Records Review (continued)

6.4 Historical Use Information (continued)

6.4.3 Aerial Photos (continued)

Adjoining: The northern adjacent properties appears to be residential and commercial, and properties to the east and south appeared to be agricultural. The land to the west included residential properties, agricultural land, and the industrial building appeared with a larger footprint.

Information Source: EDR
Date(s): 1963
Site: The subject site appears to be a large industrial facility. The unpaved parking area was considerably larger than in previous photographs. There were three structures on the northern portion of the subject site that are not present today. The footprint of the south (manufacturing) building again appeared to have expanded since the previous aerial photograph.
Adjoining: The northern adjacent properties appears to be residential and commercial, and properties to the east and south appeared to be agricultural, with some commercial buildings now present. The land to the west included residential properties, agricultural land, and an industrial building.

Information Source: EDR
Date(s): 1970
Site: The subject site appears to be a large industrial facility, largely as it appeared in previous aerial photographs. There is a slightly different configuration of structures on the northern portion of the subject site. The unpaved parking area now extends all the way to South Maumee, which forms the eastern boundary of most of the subject site.
Adjoining: The northern adjacent properties appears to be residential and commercial, and properties to the east and south appeared to be agricultural, with more commercial buildings now present. The land to the west included residential properties, agricultural land, and an industrial building.

Information Source: EDR
Date(s): 1979
Site: The subject site appears similar to the 1970 aerial photograph.
Adjoining: The northern and western adjoining properties appear unchanged, but the eastern and southern appeared with increased commercial development.

Information Source: EDR
Date(s): 1992
Site: The subject site appears as it does today. Only two structures remain on the northern part of the subject site.
Adjoining: The adjoining properties appears similar to the previous aerial photograph.

Information Source: EDR
Date(s): 2005
Site: The subject site appears as it does today.
Adjoining: The adjoining properties appear as today.

6.4.4 Sanborn/Historical Maps

Atwell submitted a request to EDR for copies of available Sanborn Fire Insurance Maps that cover the subject site and surrounding adjacent properties. These historical maps may provide information pertaining to adverse land uses and the presence and/or location of USTs. EDR concluded that Sanborn/Fire Insurance Maps 1907, 1912, 1922, 1935, 1944, and 1953 were available for the subject site. During the review of Sanborn Maps, Atwell identified several historical occupants of concern on

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6.0 Records Review (continued)

6.4 Historical Use Information (continued)

6.4.4 Sanborn/Historical Maps (continued)

the subject site. These occupants included manufacturers of metal products including foundry and machining activities. The EP considers the potential for subsurface impact related to the long-term industrial use of the subject site to represent an REC. The Sanborn Map for the years 1922 and 1953 are included in **Appendix E**.

Information Source: EDR
Date(s): 1907
Site: The northern portion of the subject site is occupied by two residential dwellings and Hessen Brothers; Manufacturers of Hog Ringers, Rings, Stock Feed Cookers and Tank Heaters. A railroad siding crosses this portion of the subject site and a foundry is located on the southern portion of what is now the office building portion of the subject site. The southern portion of the property is occupied by Anthony Fence Company; Manufacturers of Woven Wire Fence.
Adjoining: With the exception of several residential properties to the west, none of the other adjoining properties are depicted.

Information Source: EDR
Date(s): 1912
Site: The subject site appeared as an industrial facility, named American Wire Company and Anthony Works. There is a foundry at the southeast corner of the subject site.
Adjoining: With the exception of several residential properties to the west, none of the other adjoining properties are depicted.

Information Source: EDR
Date(s): 1922
Site: Only that portion of the subject site south of East Patterson is depicted on this Sanborn map. The west portion of the subject site was still occupied by American Wire Company and Anthony Works, and referenced as Manufacturers of Wire Fence. A railroad siding crosses the center of the property. The eastern portion of the subject site was occupied by H. Brewer & Company; Manufacturers of Concrete Mixers and General Foundry Products.
Adjoining: With the exception of several residential properties to the west, none of the other adjoining properties are depicted.

Information Source: EDR
Date(s): 1935
Site: The north portion of the subject site is occupied a residential dwelling and Carson Foundry; Manufacturers of Job Castings and Food Cookers. A railroad siding crossed this portion of the property. Tecumseh Products; Manufacturers of Refrigerator Parts occupied the east half of the southern portion of the property, while a Division of United States Steel Corporation; Manufacturers of Wire Screen occupied the western portion.
Adjoining: With the exception of several residential properties to the north and west, none of the other adjoining properties are depicted.

Information Source: EDR
Date(s): 1944 and 1953
Site: The north portion of the subject site is occupied by a dwelling and Bruce Foundry and Manufacturing; Manufacturers of Job Castings and Food Cookers. A railroad siding crossed this portion of the property. Tecumseh Products; Manufacturers of Refrigerator Parts occupied the southern portion of the property
Adjoining: Properties to the north included an automotive sales and service facility and a residential dwelling. Properties to the west are residential. No other adjoining properties were depicted.

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6.0 Records Review (continued)

6.4 Historical Use Information (continued)

6.4.5 Other Environmental Reports

During the course of this assessment, one previous environmental report was made available to Atwell. The information from the report is as follows:

Document Title/Source	Date	Conducted For	Conducted By
Phase I Environmental Site Assessment	January 2007	Tecumseh Products Company	ENVIRON International Corporaton
Findings			
The ENVIRON report identified a number of RECs associated with the subject site including potential impacts from historical operations; former USTs; hazardous waste storage areas (near the cardboard baling area and Building "L"); sludge pit, coolant collection pits, floor trenches, and floor drains; a 1992 spill incident; a 2003 spill incident, and corrosion of the floor in the former MIP area.			

7.0 Site Reconnaissance

7.1 Methodology and Limiting Conditions

On September 26, 2008, Robert W. Lambdin, Product Quality Leader for Atwell, conducted a walking reconnaissance of the subject site. During the site reconnaissance, Atwell evaluated the subject site for the potential presence of the following Recognized Environmental Conditions: (1) hazardous substances; (2) petroleum products; (3) evidence of the presence of underground storage tanks (USTs); (4) evidence of the presence of aboveground storage tanks (ASTs); (5) other suspect containers; (6) polychlorinated biphenyl (PCB)-containing equipment; (7) interior or exterior staining/corrosion; (8) discharge features (i.e., current or former septic/leaching fields, floor drains, oil/water separators); (9) pits, ponds or lagoons; (10) evidence of excavation and/or landfilling activities; (11) evidence of surface soil/surface water stains and/or stressed vegetation; (12) water supply and/or groundwater monitoring wells, and (13) observations of adjacent property uses and potential evidence of adverse environmental impacts associated with adjoining properties (addressed in Section 4.5).

The weather condition at the time of the site reconnaissance was sunny with a daytime temperature of approximately 75 degrees Fahrenheit. The visual reconnaissance consisted of observing the boundaries of the property and systematically traversing the site to provide an overlapping field of view, wherever possible. The periphery of the on-site structure was observed along with interior accessible common areas, manufacturing, storage and maintenance areas. Photographs of pertinent site features identified during the site reconnaissance are included in **Appendix D**.

7.2 General Site Setting

During the site reconnaissance, Atwell observed the subject site to be comprised of 59.68-acres of developed land located on the east side of South Evans Road between East Cummings Street and Russell Road, Tecumseh, Michigan. The subject site consists of one, 750,000-square foot industrial building, a second, 26,208-square foot warehouse building, several lean-to/garage outbuildings, an oil storage building, a waste water treatment plant, as well as asphalt and gravel parking areas.

The Site Inspection Environmental Checklist is included in **Appendix J**.

Date Developed:	1906, with numerous additions (mainly in the 1940s and 1950s)
Property Size/Shape:	Irregular

UTILITIES (SERVICE PROVIDED BY)	
Electric:	Consumers Energy

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7.0 Site Reconnaissance (continued)

7.2 General Site Setting (continued)

UTILITIES (SERVICE PROVIDED BY) continued	
Gas:	Consumers Energy
Water:	City of Tecumseh
Sewerage:	City of Tecumseh

Groundcover:
Gravel, asphalt, grass, evergreen shrubs, larger deciduous trees

Other Site Improvements:
Elevated and covered-steel and glass walkway between the north office building and south manufacturing building.

7.3 Site Visit Findings

7.3.1 Hazardous Substances

Large quantities and the bulk storage of hazardous substances were identified on the subject site during the site reconnaissance. A summary of these areas is described below:

Material	**# of Containers**	**Container Type**
Water treatment chemicals	5	Drum
Container Construction	**Container Condition**	**Container Labeled**
Plastic	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
55	Engineering, water treatment	No
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
No	No	floor joints and seams
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

Material	**# of Containers**	**Container Type**
Part Cleaner (organic solvent)	3	Drum
Container Construction	**Container Condition**	**Container Labeled**
Steel	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
30	Building "F" and Building "W"	Yes
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
Yes	No	floor joints and seams
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

Material	**# of Containers**	**Container Type**
Water treatment chemicals	10	Drum
Container Construction	**Container Condition**	**Container Labeled**
Plastic	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
55	Building "R", Waste Water Treatment Plant	No
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
No	No	floor joints and seams
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

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7.0 Site Reconnaissance (continued)

7.3 Site Visit Findings (continued)

7.3.2 Petroleum Products

Large quantities (i.e., greater than typical residential use) and/or bulk storage of petroleum products were identified on the subject site during the site reconnaissance. Leaks and stains were noted as numerous areas within the manufacturing (south) building. The most significant area of stains was noted at the Oil Storage Area on the south side of Building "F". In this area, spills from the first floor migrated through the concrete floor and block walls into the basement area. Some of this spillage appear to have migrated into subsurface areas immediately outside the Oil Storage Area. It is the opinion of the EP the leaks and stains associated with the long-term use of various petroleum products and solvents represents an REC to the subject site.

A summary of these areas is described below:

Material	**# of Containers**	**Container Type**
Various compressor oils	2	Drum
Container Construction	**Container Condition**	**Container Labeled**
Steel	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
55	Engineering vacuum station	Yes
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
Yes	Yes	Floor seams and joints
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

Material	**# of Containers**	**Container Type**
Various Oils	10	Drums and transfer containers
Container Construction	**Container Condition**	**Container Labeled**
Steel	Fair	No
Container Size (gallons)	**Specific Location**	**Staining?**
55-gallons to larger transfer stations	Building "F" - Oil Storage	Yes
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
Yes	No	Floor seams and joints
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

Material	**# of Containers**	**Container Type**
Various Oils	70	Drum
Container Construction	**Container Condition**	**Container Labeled**
Steel	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
55	Building "Q" - Oil Storage	No
Evidence of Release	**Secondary Containment**	**Migratory Pathway**
No	No	Floor seams and joints
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

Material	**# of Containers**	**Container Type**
Various Oils and Solvents	50	Drums and pails
Container Construction	**Container Condition**	**Container Labeled**
Steel and plastic	Good	Yes
Container Size (gallons)	**Specific Location**	**Staining?**
5 and 55-gallons	throughout manufacturing building	Yes

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7.0 Site Reconnaissance (continued)

7.3 Site Visit Findings (continued)

7.3.2 Petroleum Products (continued)

Evidence of Release	Secondary Containment	Migratory Pathway
Yes	No	Floor drains, seams, and joints
MSDS	**Waste**	**Disposal Receipts**
Yes	No	Unk

7.3.3 USTs

Atwell evaluated the subject site for the possible presence of USTs. Typical indicators of USTs include: (1) gas pumps or pump islands; (2) vent pipes; (3) fill ports; or (4) unusual depressions. During the site reconnaissance, Atwell did not observe any suspect piping or definitive evidence of USTs on the subject site. However, information provided by representatives of Tecumseh Products indicated that the subject site was previously serviced by as many as seventeen USTs. Reportedly, each of these tanks was "permanently closed", although three (3) were referenced in facility documents as closed-in-place. An inventory of USTs that historically serviced the subject site, as well as other tank information provided by representatives of Tecumseh Products, is included in **Appendix H**.

It is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products from USTs represents an REC to the subject site.

The lack of visible evidence of any other potential USTs and the fact that the individuals and agencies identified in this report were not aware of or did not have record of the presence of any other USTs does not preclude the possibility that other USTs could be present at the subject site property. Visible evidence of USTs, such as fill ports or vent pipes, may have been obscured from view and other USTs could have been used at the subject site property without the knowledge of the current owner/operator, site contact or government agency.

7.3.4 ASTs

Evidence of ten, large ASTs (6,000 to 12,500-gallons) was observed on the subject property during the site reconnaissance. Information provided by representatives of Tecumseh Products indicated that the subject site was previously serviced by as many as eight ASTs. There are three tanks remaining in Building "O" and four on the north side of Building "T". The remaining three tanks are located in the Waste Water Treatment Plant. No evidence of leaks or stains were noted near these three tanks.

There are four smaller tanks (approximately 250-gallons) in the Engineering Department that store various oils for used in the testing of refrigerative compressors. No leaks or stains were noted in this area.

Numerous smaller tanks or storage vessels with capacities of up to 50-gallons were located in the Engineering department and in this area. Stains were noted on the concrete floor beneath the small tanks located in Building "E".

There were two, approximately 1,000-gallon capacity propane tanks located at the southwest corner of the property. No leaks or stains were noted in this area and based on its physical characteristics (a gas at normal temperatures and atmospheric pressures), the propane tanks are not considered to represent an environmental concern.

The facility is also serviced by two diesel generators. One services the north office building and the other services the south manufacturing building. Both units have an internal reservoirs that store the generator fuel and have reported capacities of approximately 700-gallons. A leak and surface stain was noted beneath the unit that services the north building. The diesel fuel released at this location appears to have migrated off of the underlying asphalt pavement and onto the surrounding ground surface.

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7.0 Site Reconnaissance (continued)

7.3 Site Visit Findings (continued)

7.3.4 ASTs (continued)

As leaks or stains were noted near several of these ASTs, and the facility has used and stored various petroleum products or hazardous substances for many years, it is the opinion of the EP that the potential for subsurface impact related to releases from the ASTs that serviced the subject site represents an REC.

An inventory of USTs that historically serviced the subject site is included in **Appendix H**.

7.3.5 Other Suspect Containers

No other suspect containers were identified on the subject property during the site reconnaissance.

7.3.6 Equipment Likely to Contain PCBs

Atwell inspected the subject site for the presence of oil-cooled electrical equipment that may contain PCBs. During the site reconnaissance, Atwell observed twenty-eight, pad-mounted transformers located along the exterior of the subject site building and six more inside the building. The transformers are owned by Tecumseh Products (i.e., the property owner), and each liquid-cooled transformer was labeled as containing less than 50 parts per million (ppm) PCBs. Although none of the transformers appeared to be leaking, an area of surface staining and distressed vegetation was noted near a bank of transformers on the west side of the building including transformers identified as units 13, 14, and 15.

It is the opinion of the EP that the surface stain and distressed vegetation observed near transformer units 13, 14, and 15 represents an REC to the subject site.

7.3.7 Staining/Corrosion

During the site reconnaissance, Atwell observed staining in many areas throughout the subject site building. As stated previously, a surface stain was noted near the bank of transformers including units 13, 14, and 15. In addition, surface stains were noted in much of the manufacturing portion of the building, particularly in part of the Engineering department (Building "J"); the old Waste Water Treatment Plant and Grinding area (Building "K"); part washing areas, the Oil Storage area and the Oil Testing Lab (Building "F"); the Steam Cleaning and Vacuum Pump stations (Building "E"). Expansion joints, surface cracks, and floor drains were noted throughout the building.

It is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products and/or hazardous materials represents an REC to the subject site.

7.3.8 Discharge Features

Numerous floor drains were noted throughout the manufacturing (south) subject site building. Evidence of leaks and stains were observed near several floor drains, most notably at the Steam Cleaning area in "Building E", several areas in Building "F", and the old Waste Water Treatment Plant in Building "K-1". Evidence of oil in a drain, or surface stains migrating into the floor drain area was observed at each of these locations. Therefore, it is the opinion of the EP that the potential for subsurface impact through breaches in the facility drainage system represents an REC.

No other discharge features (septic systems, floor drains, catch basins, oil/water separators, etc.) were observed on the subject property during the site reconnaissance.

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7.0 Site Reconnaissance (continued)

7.3 Site Visit Findings (continued)

7.3.9 Pits, Ponds, And Lagoons

No pits, ponds or lagoons were observed on the subject property during the site reconnaissance.

7.3.10 Solid Waste Dumping/Landfills

A pile of concrete rubble was observed on the south side of the subject site building. Although the source was unknown, based on its appearance and inert nature, this concrete rubble is not considered to be an environmental concern. No other readily apparent evidence of solid waste dumping (i.e., unusual mounding, debris piles, or depressions), suspect fill material, or landfilling was identified on the subject property during the site reconnaissance.

7.3.11 Stained Soil/Stressed Vegetation

During the site reconnaissance, Atwell observed stained soil and/or stressed vegetation located along the southern boundary and near transformers 13, 14, and 15. The stressed vegetation along the southern boundary did not appear to be related to any feature or activity associated with the subject site operations and encompassed several hundred square feet of an area where the surface vegetation was largely missing. The surface staining near transformers 13, 14, and 15 was between the transformer pad and a nearby power pole. In this area, the ground surface appeared to be stained with an oil-like product and some of the grass was dead or missing. Therefore, it is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products and/or hazardous materials resulting in stressed or missing vegetation represents an REC.

7.3.12 Wells

No evidence of water supply or groundwater monitoring wells was observed on the subject property during the site reconnaissance.

8.0 Interviews

With the exception of previously mentioned interviews and/or information received from the Client, owner, occupants and/or municipal offices, no other interviews were conducted during the course of this Phase I ESA. Interview documentation is included in **Appendix I**, and summarized below.

Interview Type:	SITE MANAGER
Name:	Mr. Randy Kopke
Title:	Corporate Facilities & Property Manager
Company Name:	Tecumseh Products Company
Street Address:	1136 Oak Valley Drive
City:	Ann Arbor
State:	Michigan
Zip Code:	48108
Phone:	734-585-9800
Date(s):	September 26, 2008
Comments:	Mr. Kopke provided information related to the subject site and accompanied Atwell during the site reconnaissance. He had no knowledge of any environmental concerns but did indicate the site was previously serviced by a number of USTs and ASTs. Mr. Kopke indicated the property had been occupied by Tecumseh Products since 1934, but the subject site was initially developed as an industrial facility in 1906. Most of the significant building expansions occurred

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8.0 Interviews (continued)

Comments:	during the 1940s and 1950s. The property was used by Tecumseh Products for the manufacture of automotive parts, small engines, and most recently, air conditioning compressors.
Interview Type:	SITE MANAGER
Name:	Mr. John Knapp
Title:	Quality/Environmental Systems Manager
Company Name:	Tecumseh Products Company
Street Address:	100 East Patterson
City:	Tecumseh
State:	Michigan
Zip Code:	48286
Phone:	517-423-8411
Date(s):	September 26, 2008
Comments:	Mr. Knapp provided information related to the subject site including access to UST records and inventory prepared and maintained by Tecumseh Products. He had no knowledge of any subsurface investigations of the subject site or any information suggesting the site was environmentally impacted.
Interview Type:	OTHER INTERVIEWEE
Name:	Ms. Amanda Lacelle
Title:	City Assessor
Company Name:	City of Tecumseh
Street Address:	309 East Chicago Boulevard
City:	Tecumseh
State:	Michigan
Zip Code:	49286
Phone:	517-423-3610
Date(s):	September 26, 2008
Comments:	Ms. Lacelle indicated the size of the subject site building is in dispute, along with the tax assessment. She had no knowledge of any environmental concerns but indicated a sale of the property had been reported in local newspapers during the week of September 22, 2008.
Interview Type:	OTHER INTERVIEWEE
Name:	Mr. Mark Monroe
Title:	Fireman
Company Name:	Tecumseh Fire Department
Street Address:	101 East Russell
City:	Tecumseh
State:	Michigan
Zip Code:	48286
Phone:	517-423-4545
Date(s):	September 26, 2008
Comments:	Mr. Monroe has been a Tecumseh fireman for approximately 20 years. While he had no knowledge of any environmental concerns, he also stated the fire department did not spend much time investigating the subject site. Fire department records indicated the Tecumseh Products facility annually submits required Emergency Planning and Community Right to Know reporting (a.k.a., Tier II).

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9.0 Other Environmental Considerations

9.1 Controlled Substances

The presence of controlled substances on the subject site must be evaluated if the client is applying for or has been awarded a grant under CERCLA/EPA or if the property is considered abandoned.

The term "controlled substance" means a drug or other substance, or immediate precursor, included in schedule I, II, III, IV, or V of part B of 21 US Code 802. The drugs include but are not limited to ephedrine and pseudoephedrine, which are suppressants that are used in common over-the-counter weight control and decongestant drugs, as well as, acetone, toluene and other solvents. These "controlled substances" are used to manufacture various drugs for recreational use. Unusually large quantities (i.e., cases of cold tablets, diet pills, unexplained containers of solvents) would be observed if the substances were being misused and site use should be taken into account when evaluating for "controlled substances". The term does not include distilled spirits, wine, malt beverages, or tobacco, as those terms are defined or used in subtitle E of the Internal Revenue Code of 1986.

During the site reconnaissance, Atwell did not observe any evidence for the presence of controlled substances on the subject site.

9.2 Continuing Obligations

Owners or operators of real property may be subject to certain land use restrictions or institutional controls as part of continued occupancy of a site. These obligations may include resource restrictions; conducting reasonable steps with respect to hazardous substance releases; provide full cooperation, assistance, and access to persons that are authorized to conduct response actions or natural resource restorations; comply with federal information requests and administrative subpoenas, and provide all legally required notices. During the site reconnaissance and review of reasonably ascertainable records, Atwell did not identify any situations suggestive of continuing environmental obligations (i.e., institutional limitations, engineering controls).

9.3 Asbestos-Containing Materials

The scope of services for this Phase I ESA did not include an inspection or sampling of suspect ACMs.

9.4 Lead-Based Paint

The scope of services for this Phase I ESA did not include an evaluation of the presence of lead-based paint on the subject site.

9.5 Radon

The scope of services for this Phase I ESA did not include an evaluation for the potential presence of Radon in the area of the subject site.

9.6 Wetlands

The scope of services for this Phase I ESA did not include an evaluation of suspect wetland areas on the subject site.

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9.0 Other Environmental Considerations (continued)

9.7 Mold Evaluation

The scope of services for this Phase I ESA did not include a mold evaluation on the subject site.

9.8 Items of Non-Compliance

The scope of services for this Phase I ESA did not include an evaluation of items of non-compliance with applicable local, state, or federal regulations.

9.9 Client-Specific Items

The scope of services for this Phase I ESA did not include addressing any client-specific items for the subject site.

10.0 Phase I Findings/Opinions/Conclusions

10.1 Report Findings and Opinions

During the course of this Phase I ESA, Atwell identified and evaluated the following known or suspect RECs associated with the subject site or nearby properties:

- EDR identified the subject site as a CERCLIS NFRAP, CORRACTS, RCRA-TSDF, NPDES, PEAS/SPILLS, and UST site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS or the PEAS incidents, it is the opinion of the EP that a release(s) associated with the subject site activities represent an REC.

- The EDR report also identified one RCRA-SQG; five, CESQG of hazardous waste; three sites that no longer generate hazardous waste (NonGen); three LUST/UST sites; four UST sites; three AST sites, and five BEA sites within one-quarter mile of the subject site. The RCRA SQG, CESQG, and NonGen sites have no reported violations, have achieved regulatory compliance, or no longer generate hazardous waste. In addition, the LUST/UST and BEA sites have either been granted regulatory closure by the MDEQ or are located cross or down-gradient of the inferred local groundwater flow. Furthermore, no release incidents have been reported for the AST or UST sites. Based on this information, it is the opinion of the EP that none of the other sites listed in the EDR report represent an REC to the subject site.

- Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts and air conditioning compressors. Other occupants of the site have included various metal manufacturers, which included foundry and machining operations. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by releases of petroleum products and/or other hazardous substances, and related to the long-term industrial operations or the railroad siding represents an REC to the subject site.

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10.0 Phase I Findings/Opinions/Conclusions (continued)

10.2 Conclusions

Atwell has performed this Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-05 and AAI specifications for the building and property located at 100 and 101 East Patterson; 402, 404, and 805 South Evans; 600 South Ottawa, and 420 South Maumee, Tecumseh, Lenawee County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 3.4 of this report. During the course of this Phase I ESA, the EP identified RECs associated with the subject site and/or nearby properties as previously identified. Therefore, Atwell recommends that a Phase II Subsurface Investigation be conducted to determine the nature, extent and materiality of the identified RECs.

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Appendix A:

References

REFERENCES

1. Aerial Photographs, EDR Aerial Photography Print Services

2. EDR's *Radius Map with GeoCheck*, Milford, Connecticut, dated September 18, 2008

3. United States Department of Agriculture (USDA) Soil Conservation Service Soil Survey of Lenawee County, Michigan

4. EDR Physical Setting Source Summary

5. USGS Topographic Map, Tecumseh South, Michigan Quadrangles, dated 1972

6. Assessment/Building Department records from the City of Tecumseh municipal offices and/or internet database

7. City of Tecumseh Fire Department (attempted, no response)

8. EDR's City Directory Abstract utilizing Polk's Cross-Index City Directories

9. Sanborn Fire Insurance Maps

10. Phase I Environmental Site Assessment; prepared for Tecumseh Products Company, by ENVIRON, dated January 2007

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Appendix B:

Qualifications

ROBERT W. LAMBDIN JR.
Product Quality Leader – Environmental Services

As Product Quality Leader, Mr. Lambdin is primarily responsible for sector product and project quality. He brings over twenty-five years of experience in underground storage tank management, groundwater remediation, soil remediation, phase one environmental site assessments, property condition assessments, real estate transaction screens, subsurface investigations, waste evaluation and disposal, indoor air quality analyses, industrial hygiene, asbestos, and quality assurance and quality control

Education:	BS, Michigan State University
Certification:	OSHA Hazwoper Site Supervisor OSHA Hazardous Waste Operations and Emergency Response (Hazwoper) NIOSH 582 (equivalent)

- Managed the environmental affairs program for a major Michigan's bank.
- Managed the permanent closure of approximately 100 petroleum storage tanks for private clients, an automotive research center, and for a major Michigan bank.
- Conducted asbestos surveys on 200 commercial, industrial and residential properties as well as for several large hospitals.
- Managed and coordinated a remediation projects involving petroleum product contaminated soil and groundwater.
- Personally conducted and coordinated numerous environmental subsurface soil investigations.
- Air monitoring at residential buildings, commercial buildings, and schools during asbestos abatement projects.
- Indoor and ambient air quality analyses for organic and semi-volatile organic compounds and fugitive dust emissions.
- Coordination of an underground storage tank management program for an automotive research and development center.
- Performed hundreds of environmental evaluations for real estate property transfers.
- Interaction with state and federal environmental regulatory agencies for site remediation and disposal projects.
- Prepare Property Condition Assessments for residential, commercial, and industrial properties.
- Environmental compliance management and assessments for automotive research and development and industrial facilities.
- Coordinated the polychlorinated biphenyl management program for a Big Three automobile manufacturer including a spill remediation at an electrical transformer substation.
- Participated in the environmental support for fossil fuel and nuclear powered electrical generation facilities.
- Coordinate health and safety issues pertaining to environmental projects.

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BRYAN D. WALLICK
Team Leader

Mr. Wallick is responsible for project management, staff coordination and business development. His duties as Project Manager include preparing work plans, assigning staff, subcontractor direction, performing subsurface and hydrogeologic investigations, project invoicing, interfacing with clients, regulators and other project professionals and the preparation/review of project reports. Specialized work experience with site decommissioning and demolitions, large scale remedial actions.

Education:	BS Michigan State University Additional Studies, Macomb Community College
Certification:	OSHA 40-hour HAZWHOPER Certification OSHA 8-hour HAZWHOPER Refresher Course OSHA Confined Space Entry/Attendant Certification NSPS Certified Survey Technician I
Professional Activities:	National Society of Professional Surveyors

As a Project Manager, Mr. Wallick is responsible for a wide range of activities. His experience in the environmental field includes performing Baseline Environmental Assessment (BEA) Reports, Due Care Plans, Phase II Subsurface Investigations, Phase I Environmental Site Assessments (ESA), Underground Storage Tank (UST) Initial/Final Site Assessment and Closure Reports, Groundwater Monitoring Reports, Wetland Determinations, Sediment Dredging Management, Facility Decommissioning and Demolition Oversight, Site Health and Safety Supervision and Construction Oversight. In these capacities, Mr. Wallick provides unparalleled client satisfaction, both professionally and expeditiously, while conducting site research, developing work plans, coordinating field work, report generation, ensuring product quality control, health and safety assurance and subcontractor oversight. This range of activities keeps Mr. Wallick directly involved with environmental projects from inception to closure. Some general project experience summaries are listed below.

- **Subsurface Investigation and Remediation Projects**
  Mr. Wallick has conducted numerous, multi-state surface and subsurface studies involving site investigation, characterization and remediation. Investigative activities have included site inspections, geophysical investigations, design and implementation of testing programs, sediment sampling and dredging management, determination of appropriate analytical methods, data interpretation and report generation. In addition, Mr. Wallick has managed and directed remedial activities on numerous projects ranging from excavation and disposal to in-situ chemical applications.

- **Underground Storage Tank (UST) Projects**
  Mr. Wallick has coordinated and managed numerous UST projects. The projects range from single tank removals to closure of multi-tank systems. He is responsible for many aspects of UST projects including managing on-site activities, project coordination, Risk-Based Corrective Action (RBCA) evaluations and acting as a Michigan Department of Environmental Quality (MDEQ) client liaison.

- **Environmentally Impacted Property-Development Projects**
  Mr. Wallick has provided oversight and management for several specialized construction, decommissioning and/or demolition projects involving substantial liquid/solid waste stream disposals, health and safety issues, and environmental compliance. The projects have ranged in size and scope from single parcel residential developments to large scale commercial/industrial facilities.

- **Baseline Environmental Site Assessments (BEA)**
  Mr. Wallick has conducted multiple BEA projects throughout the State of Michigan. These projects range in scope from category “N” to category “S” evaluations.

- **Environmental Assessment Projects**
  Mr. Wallick has coordinated and performed environmental assessment projects throughout the United States. The projects have ranged from Phase I Environmental Site Assessments to industrial facility compliance audits.

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Appendix C:

Figures

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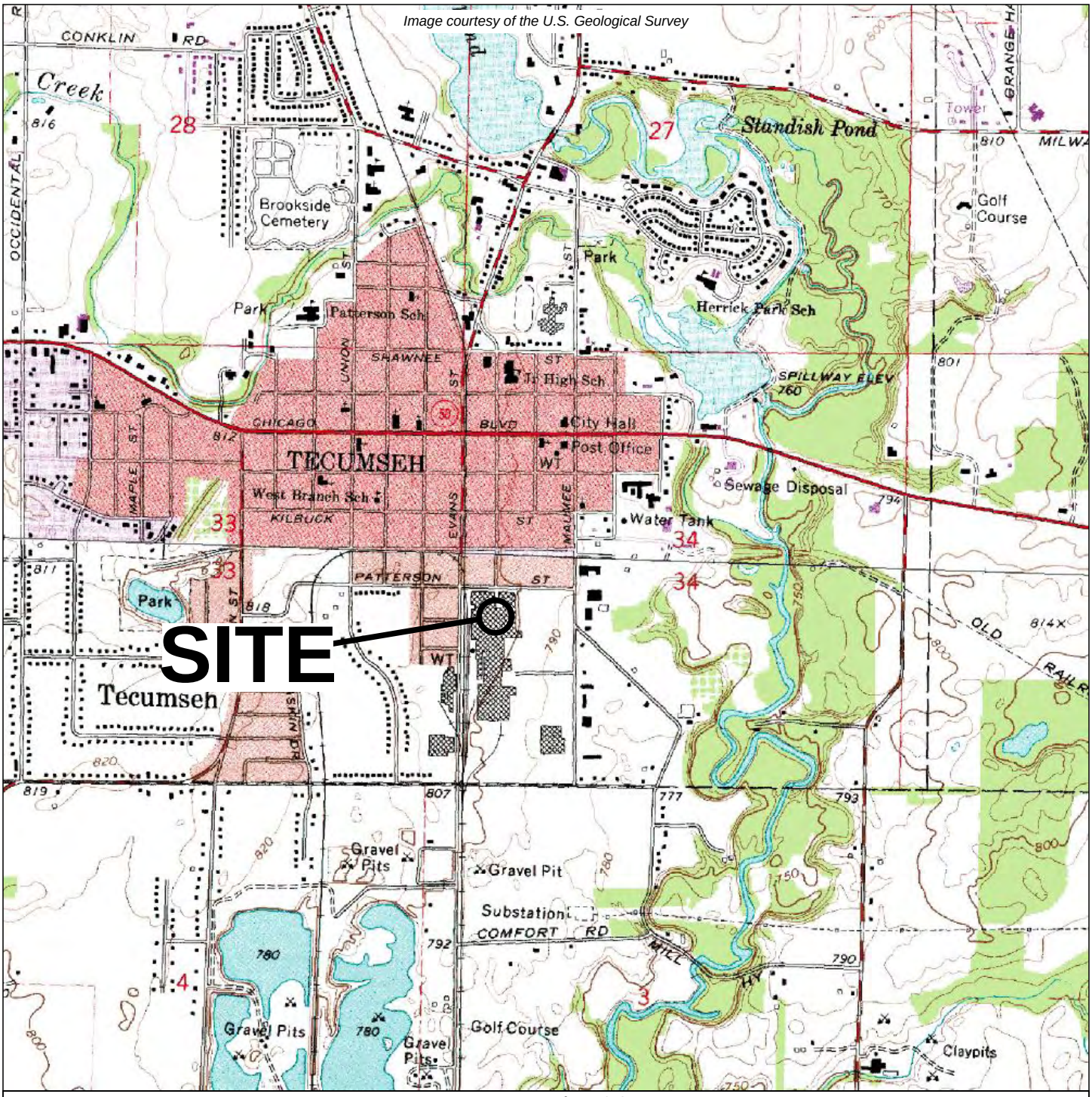

MAP DATE: July 1, 1978

N

0 875 1,750 3,500

Scale in feet (approx.)

FIGURE 1: SITE LOCATION MAP
Tecumseh Phase I ESA
100 East Patterson, Tecumseh, MI

Prepared for: Fifth Third Bank

PROJECT MANAGER: Bryan D. Wallick **DATE:** 09/18/2008

DRAWN BY: Robert Lambdin **PROJECT NO:** 08004036

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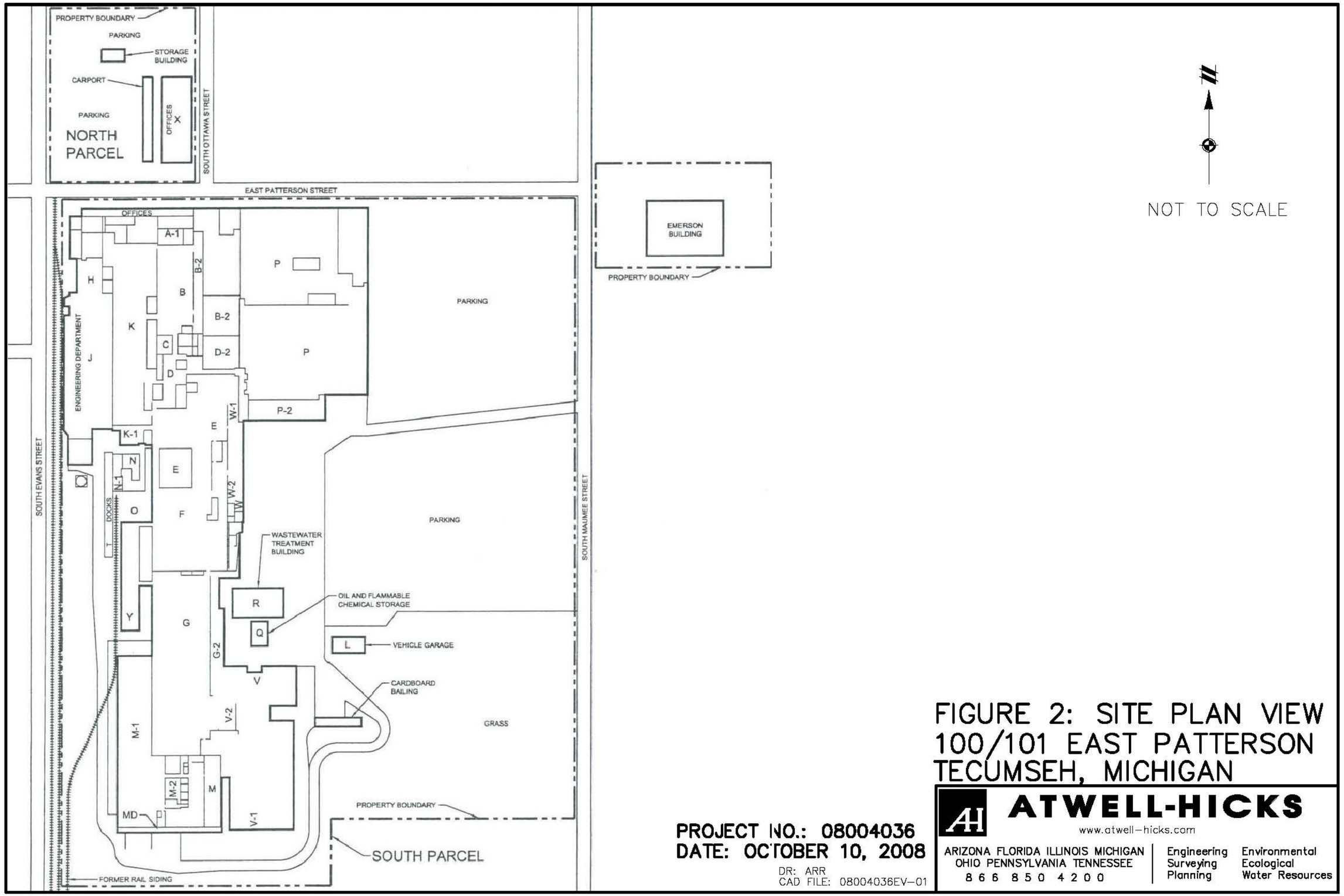

FIGURE 2: SITE PLAN VIEW
100/101 EAST PATTERSON
TECUMSEH, MICHIGAN

PROJECT NO.: 08004036
DATE: OCTOBER 10, 2008
DR: ARR
CAD FILE: 08004036EV-01

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Appendix D:

Photographs

SUBJECT SITE BUILDING, MAIN ENTRANCE

SUBJECT SITE BUILDING, MAIN ENTRANCE-OFFICE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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NORTH SIDE OF OFFICE BUILDING

SUBJECT SITE FROM NORTHWEST

Photographer: Robert W. Lambdin
Date: 9/26/08

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WEST SIDE OF SUBJECT SITE BUILDING

SOUTH SIDE OF SUBJECT SITE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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EAST SIDE OF SUBJECT SITE BUILDING

EAST SIDE OF SUBJECT SITE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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EAST WING OF SUBJECT SITE BUILDING

EMPLOYEE PARKING ON EAST SIDE OF SUBJECT SITE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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MAIN ENTRANCE OF INDUSTRIAL BUILDING

INTERIOR FINISHES OF OFFICE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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ROOF DECK AND HVAC IN OFFICE BUILDING

WALKWAY CONNECTING OFFICE AND MANUFACTURING BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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INDUSTRIAL BUILDING, ENGINEERING AREA

INDUSTRIAL BUILDING, ENGINEERING AREA

Photographer: Robert W. Lambdin
Date: 9/26/08

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FACILITY NATURAL GAS BOILER

WASTE WATER TREATMENT PLANT

Photographer: Robert W. Lambdin
Date: 9/26/08

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WASTE WATER TREATMENT PLANT

INTERIOR OF OIL STORAGE BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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INTERIOR FINISHES OF INDUSTRIAL BUILDING, OFFICE AREA

EMERGENCY GENERATOR, INDUSTRIAL BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

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CONCRETE DEBRIS ON SOUTH SIDE OF SUBJECT SITE BUILDING

BUILDING TRANSFORMER, TYPICAL

Photographer: Robert W. Lambdin
Date: 9/26/08

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BUILDING TRANSFORMER, TYPICAL

DRIVE AREA, WEST SIDE OF PROPERTY

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

PROPANE ASTS AT SOUTHWEST CORNER OF PROPERTY

DRIVE AREA ON WEST SIDE OF PROPERTY

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

WATER TOWER, STORAGE BUILDINGS, AND DRIVE AREAS
ON WEST SIDE OF PROPERTY

NORTHERN ADJACENT PROPERTY

US EPA ARCHIVE DOCUMENT

Photographer: Robert W. Lambdin
Date: 9/26/08

SOUTHERN ADJACENT PROPERTIES

SOUTH SIDE OF SUBJECT SITE BUILDING AND SOUTHERN ADJACENT PROPERTIES

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

EAST ADJACENT PROPERTIES AND SITE STORAGE GARAGE

EMPLOYEE PARKING AND STORAGE GARAGE ON EAST SIDE OF SUBJECT SITE

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

WESTERN ADJACENT INDUSTRIAL PROPERTY

NORTHERN ADJACENT PROPERTY

US EPA ARCHIVE DOCUMENT

Photographer: Robert W. Lambdin
Date: 9/26/08

NORTHERN ADJACENT PROPERTY

NORTHERN ADJACENT PROPERTY

US EPA ARCHIVE DOCUMENT

Photographer: Robert W. Lambdin
Date: 9/26/08

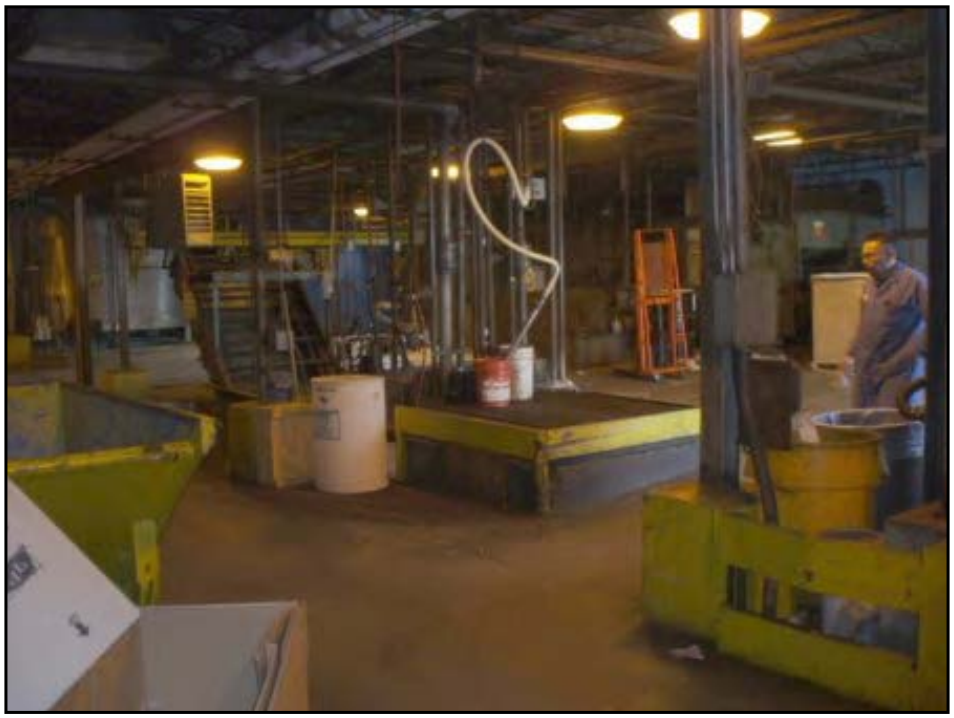
NORTH/EASTERN ADJACENT PROPERTY

FORMER PARTS CLEANING AREA

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

WASTE WATER TREATMENT, SOUTH INDUSTRIAL BUILDING



OLD WASTE WATER TREATMENT

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

STAIN MIGRATING INTO FLOOR DRAIN IN INDUSTRIAL BUILDING

FLOOR AND WALL STAINING BENEATH OIL STORAGE AREA IN INDUSTRIAL BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

FLOOR AND WALL STAINING BENEATH OIL STORAGE AREA
IN INDUSTRIAL BUILDING

STRESSED VEGETATION NEAR BUILDING TRANSFORMERS
ON WEST SIDE OF BUILDING

Photographer: Robert W. Lambdin
Date: 9/26/08

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Appendix E:

User Provided Information

US EPA ARCHIVE DOCUMENT

USER PROVIDED QUESTIONNAIRE FOR PHASE I ESAs

In order to qualify for one of the *Landowner Liability Protections (LLPs)*[1] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),[2] the *user* must provide the following information (if available) to *the environmental professional. Failure* to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

Atwell Job Number: 08004036 Atwell Job Name: Tecumseh Phase I

User Information

Name: Mike Mendenhall, VP

Address: Fifth Third Bank MD10ATA1, 38 Fountain Square Plaza

City, State, Zip: Cincinnati, OH

Phone Number: (513) 534-6905

Question 1 – What is your relationship to the site?

__ Owner __ Prospective Buyer ✓ Prospective Lender __ Other _____

Question 2 – What is the current use of the property?

__ Residential
__ Commercial *Please detail specific operations:*
✓ Industrial
__ Agricultural
__ Other: _____

Question 3 – What is the intended use of the property?

industrial / bakery

Question 4 – Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:

(a) Do you know the past uses of the property?

industrial

(b) Do you know of specific chemicals that are present or once were present at the property?

no

(c) Do you know of spills or other chemical releases that have taken place at the property?

no

(d) Do you know of any environmental cleanups that have taken place at the property?

no

Question 5 – Please detail any knowledge of current and/or previous ownership history. Attach any title records or chain of title information.

not available; Tecumseh Products Since 1939

Question 6 – Are you aware of any environmental liens or activity and land use limitations for the property?
__Yes ✓No
If yes, please describe:

Has the title company been retained to check recorded land title records for environmental liens or activity and land use limitations? __Yes __No

Attach any title company records.

Question 7 – Please detail any specialized knowledge you have regarding the subject site. Please include any information pertaining to site use history and environmental issues.

none, except previous report

Question 8 – (a) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ~~✓~~ no purchase price available

(b) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Question 9 – Are you aware of any valuation reduction in the purchase price of the subject site to account for environmental issues? __Yes ✓No
If yes, please describe.

US EPA ARCHIVE DOCUMENT

Question 10 – Please state the reason that the Phase I ESA is being performed.

, past site history

Question 11 – Please identify all parties who will rely on the Phase I report.

Consolidated Biscuit and Fifth Third Bank

Question 12 – A legal description or survey for the subject site is required to perform the Phase I ESA. Attach legal description or survey (if not already provided to Atwell). If one is not available, describe why.

This questionnaire was completed by:

Title: Mike Mendenhall

Firm: Fifth Third Bank

Address: MD 10ATA1

38 Fountain Square Plaza; Cincinnati, OH 45263

Phone #: 513-534-6515

Date: 10/9/08

Signature: Left for MM

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Appendix F:

Historical Research Documentation

US EPA ARCHIVE DOCUMENT

100 East Patterson, Tecumseh, MI
100 East Patterson
Tecumseh, MI 49286

Inquiry Number: 2321399.10
September 22, 2008

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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US EPA ARCHIVE DOCUMENT

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1998 through 2008. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

US EPA ARCHIVE DOCUMENT

Date EDR Searched Historical Sources: September 22, 2008

Target Property:
100 East Patterson
Tecumseh, MI 49286

Year	Uses	Source
1998	Tecumseh Products Co International Div	Polk's City Directory
2003	Active Hourly Insurance	Polk's City Directory
	Tecumseh Products Co	Polk's City Directory
2008	Active Hourly Insurance	Polk's City Directory
	Tecumseh Products Co	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Tecumseh, MI 49286

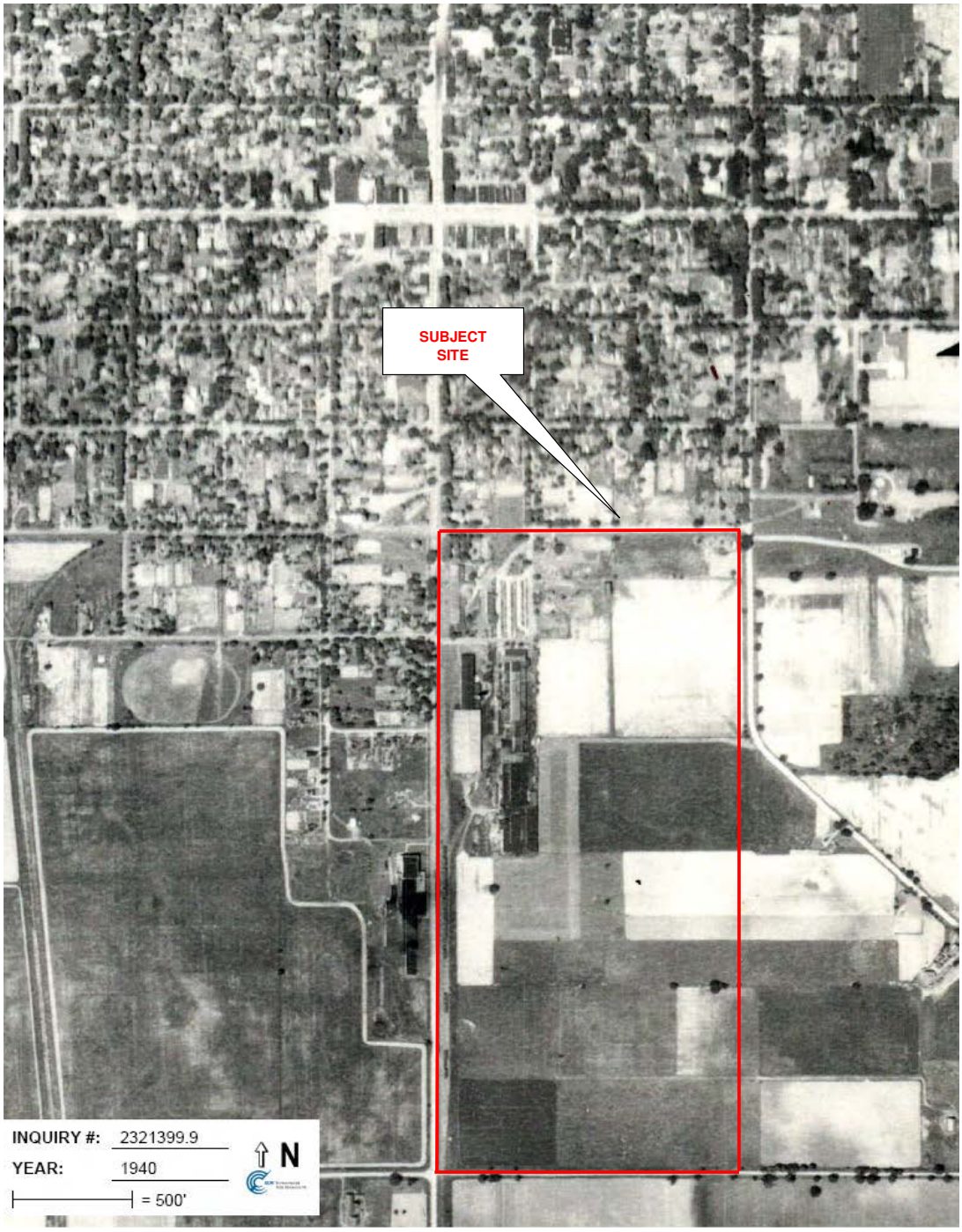
Year	Uses	Source
1998	**** EAST PATTERSON ****	Polk's City Directory
	Allied Discount Tires (211)	Polk's City Directory
	M & M Towing & Recovery (211)	Polk's City Directory
	Address not listed in research source (223)	Polk's City Directory
	No other listings on street	Polk's City Directory
	**** W PATTERSON ST ****	Polk's City Directory
	Residence (109)	Polk's City Directory
2003	**** EAST PATTERSON ****	Polk's City Directory
	All American Towing (211)	Polk's City Directory
	Barron's Recovery & Towing (211)	Polk's City Directory
	Address not listed in research source (223)	Polk's City Directory
	No other listings on street	Polk's City Directory
	**** W PATTERSON ST ****	Polk's City Directory

US EPA ARCHIVE DOCUMENT

Year	Uses	Source
2003	Residence (109)	Polk's City Directory
2008	**** EAST PATTERSON ****	Polk's City Directory
	All American Towing (211)	Polk's City Directory
	Barron's Recovery & Towing (211)	Polk's City Directory
	Tecumseh Trolly & Limosine (223)	Polk's City Directory
	No other listings on street	Polk's City Directory
	**** W PATTERSON ST ****	Polk's City Directory
	Residence (109)	Polk's City Directory

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT



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866 850 4200

Engineering Environmental
Surveying Ecological
Planning Water Resources

N
W E
S

1940 AERIAL PHOTOGRAPH
EDR

8004036
October 8, 2008

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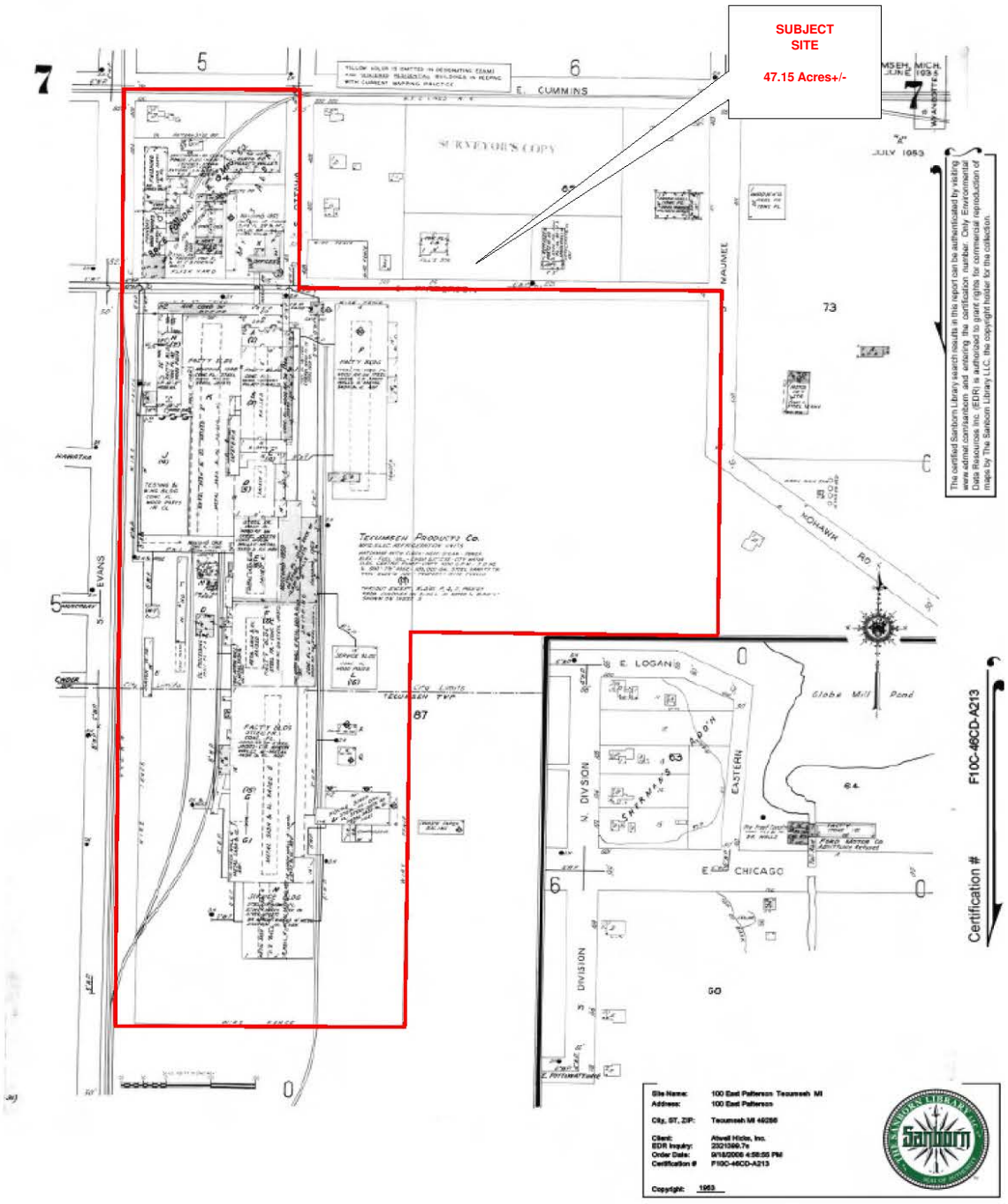
Engineering Environmental
Surveying Ecological
Planning Water Resources

N
W E
S

2005 AERIAL PHOTOGRAPH
EDR

8004036
October 8, 2008

US EPA ARCHIVE DOCUMENT



ATWELL-HICKS
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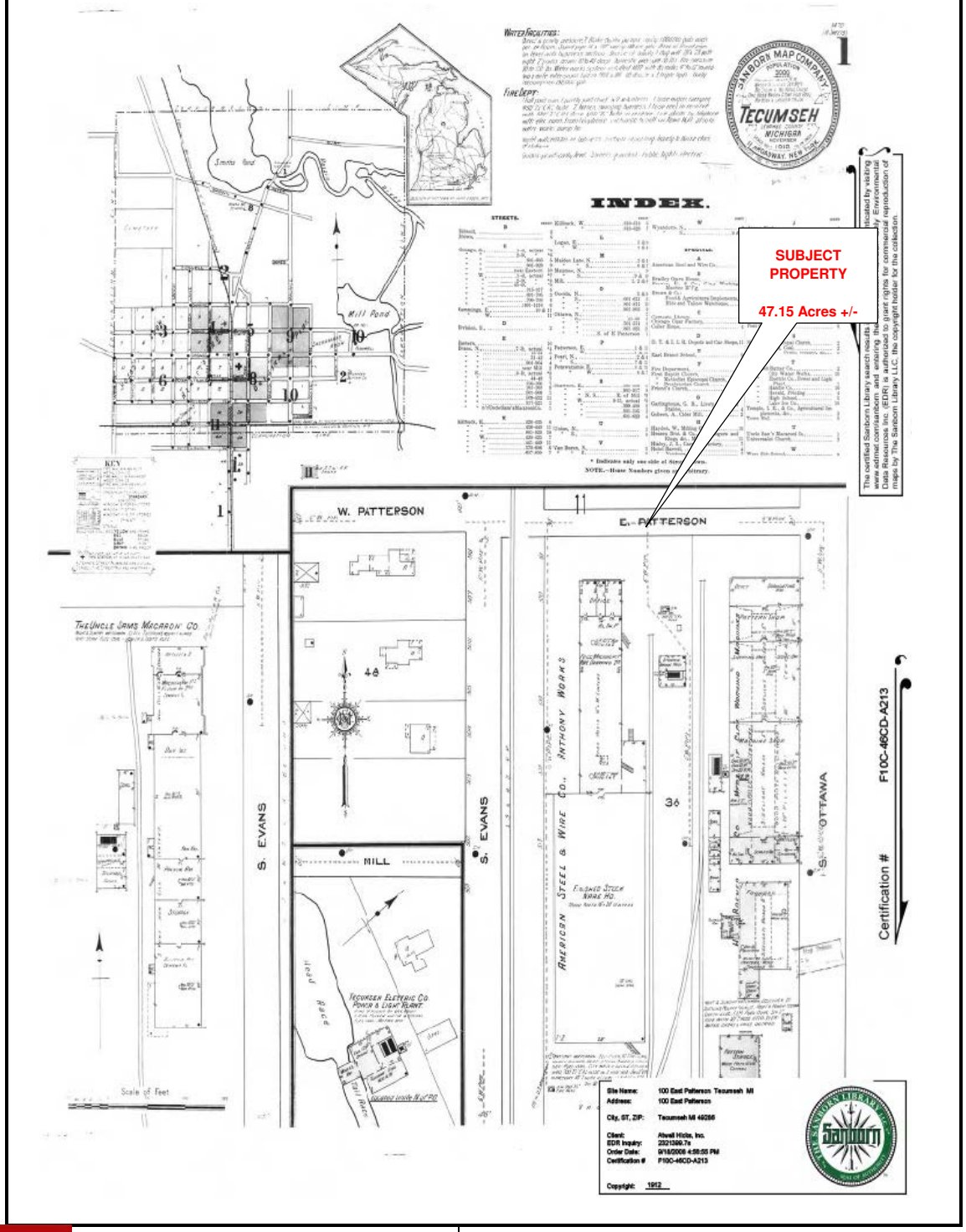
ARIZONA FLORIDA ILLINOIS MICHIGAN
OHIO PENNSYLVANIA TENNESSEE
866 850 4200

Engineering Environmental
Surveying Ecological
Planning Water Resources

1953 SANBORN FIRE INSURANCE MAP
EDR

8004036
October 8, 2008

US EPA ARCHIVE DOCUMENT



ATWELL-HICKS
www.atwell-hicks.com

ARIZONA FLORIDA ILLINOIS MICHIGAN OHIO PENNSYLVANIA TENNESSEE 866 850 4200	Engineering Environmental Surveying Ecological Planning Water Resources

1912 SANBORN FIRE INSURANCE MAP
EDR

8004036
October 8, 2008

US EPA ARCHIVE DOCUMENT

Appendix G:

Regulatory Records Documentation

US EPA ARCHIVE DOCUMENT

100 East Patterson, Tecumseh, MI
100 East Patterson
Tecumseh, MI 49286

Inquiry Number: 2321399.6s
September 18, 2008

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

100 EAST PATTERSON
TECUMSEH, MI 49286

COORDINATES

Latitude (North):	41.997850 - 41° 59' 52.3''
Longitude (West):	83.943710 - 83° 56' 37.4''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	256182.6
UTM Y (Meters):	4653517.0
Elevation:	802 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41083-H8 TECUMSEH SOUTH, MI
Most Recent Revision:	1972
North Map:	42083-A8 TECUMSEH NORTH, MI
Most Recent Revision:	1975

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TECUMSEH PRODUCTS INCORPORATED 100 EAST PATTERSON STREET TECUMSEH, MI 49286	RCRA-SQG FINDS RCRA-TSDF UST CORRACTS CERC-NFRAP	MID005049440
TECUMSEH PRODUCTS COMPANY 100 EAST PATTERSON STREET TECUMSEH, MI 49286	NPDES	N/A
100 EAST PATTERSON ST 100 EAST PATTERSON ST TECUMSEH, MI 49286	ERNS	N/A
100 E PATTERSON ST 100 E PATTERSON ST TECUMSEH, MI	SPILLS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
LIENS 2	CERCLA Lien Information
RCRA-LQG	RCRA - Large Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Rededication of Drycleaners Listing

STATE AND LOCAL RECORDS

SHWS	Contaminated Sites
DEL SHWS	Delisted List of Contaminated Sites
SWF/LF	Solid Waste Facilities Database
HIST LF	Inactive Solid Waste Facilities
LIENS	Lien List
AUL	Engineering and Institutional Controls

US EPA ARCHIVE DOCUMENT

DRYCLEANERS..... Drycleaning Establishments
BROWNFIELDS..... Brownfields and UST Site Database
CDL..... Clandestine Drug Lab Listing
AIRS..... Permit and Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 08/20/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
LENAWEE PRECISION PLASTICS INC	412 S MAUMEE ST	0 - 1/8 N	D18	41

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 08/20/2008 has revealed that there are

US EPA ARCHIVE DOCUMENT

5 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BOLEY FUEL INC	***100 E RUSSELL ST***	***0 - 1/8 S***	***E20***	***45***

Lower Elevation	Address	Dist / Dir	Map ID	Page
IDIDIT INC	610 S MAUMEE ST	0 - 1/8 E	B6	18
SIL TECH CORP	***810 S MAUMEE ST***	***0 - 1/8 E***	***C10***	***22***
ROBERTS TOOL CO	***800 S MAUMEE***	***0 - 1/8 E***	***12***	***30***
ERVIN INDUSTRIES	***200 INDUSTRIAL DR***	***1/8 - 1/4 S***	***26***	***50***

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 08/20/2008 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
FARADAY INC	***805 S MAUMEE ST***	***0 - 1/8 E***	***C11***	***27***
DALE TECHNOLOGIES INC	***414 S MAUMEE ST***	***0 - 1/8 N***	***D17***	***39***
CURLEY MACHINED PRODUCTS	***907 INDUSTRIAL DR***	***1/8 - 1/4 SSE***	***27***	***54***

STATE AND LOCAL RECORDS

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 06/09/2008 has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TECUMSEH CORRUGATED BOX CO	***707 S EVANS ST***	***0 - 1/8 W***	***13***	***33***
Facility Status: Closed				
NRT OWNER	***160 E CHICAGO BLVD***	***1/4 - 1/2 N***	***30***	***60***
Facility Status: Open				
BAKER BROS INC	***160 W CHICAGO BLVD***	***1/4 - 1/2 N***	***31***	***61***
Facility Status: Open				

Lower Elevation	Address	Dist / Dir	Map ID	Page
GTE NORTH, INC	606 S MAUMEE ST	0 - 1/8 E	B8	20
Facility Status: Closed				
CONSOLIDATED FREIGHTWAYS	***424 S MAUMEE ST***	***0 - 1/8 N***	***D16***	***37***
Facility Status: Closed				
HERRICK MEMORIAL HOSPITAL	***500 E POTTAWATAMIE ST***	***1/4 - 1/2 NNE***	***29***	***56***
Facility Status: Closed				
Facility Status: Closed				

US EPA ARCHIVE DOCUMENT

Lower Elevation	Address	Dist / Dir	Map ID	Page
PERKY PANTRY EAST	***413 E CHICAGO BLVD***	***1/4 - 1/2 N***	***32***	***63***
Facility Status: Closed				
ROADHOUSE CAFE	***502 E CHICAGO BLVD***	***1/4 - 1/2 NNE***	***33***	***65***
Facility Status: Closed				

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 06/09/2008 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TECUMSEH CORRUGATED BOX CO	***707 S EVANS ST***	***0 - 1/8 W***	***13***	***33***
BOLEY FUELS	***100 E RUSSELL RD***	***0 - 1/8 S***	***E19***	***42***
TECUMSEH GARAGE	6886 RAISIN CENTER HWY	1/8 - 1/4 S	F22	48
RICHARDSON SAND & GRAVEL	324 W PATTERSON ST	1/8 - 1/4 W	28	56

Lower Elevation	Address	Dist / Dir	Map ID	Page
GTE NORTH, INC	606 S MAUMEE ST	0 - 1/8 E	B9	21
BUGS SUPER SERVICE	426 S MAUMEE ST	0 - 1/8 N	D15	36
CONSOLIDATED FREIGHTWAYS	***424 S MAUMEE ST***	***0 - 1/8 N***	***D16***	***37***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 06/23/2008 has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BOLEY FUELS	***100 E RUSSELL RD***	***0 - 1/8 S***	***E19***	***42***
LENAWEE COUNTY ROAD COMMISSION	6886 RAISIN CENTER HWY	1/8 - 1/4 S	F23	49

Lower Elevation	Address	Dist / Dir	Map ID	Page
PAUL SMITH OIL, INC	426 S MAUMEE ST	0 - 1/8 N	D14	34

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 06/11/2008 has revealed that there are 8 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NRT OWNER	***160 E CHICAGO BLVD***	***1/4 - 1/2 N***	***30***	***60***
Not reported	113 W LOGAN	1/4 - 1/2 N	H34	67
Not reported	111 W LOGAN	1/4 - 1/2 N	H35	68

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	223 E PATTERSON ST	0 - 1/8	5	17

US EPA ARCHIVE DOCUMENT

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	610 SOUTH MAUMEE	0 - 1/8 E	B7	20
Not reported	500 EAST CUMMINS	1/8 - 1/4 NE	21	48
METAL ART INC	317 S OTTAWA ST	1/8 - 1/4 N	G24	49
RARE TOOL, INC.	315 S OTTAWA ST	1/8 - 1/4 N	G25	50

US EPA ARCHIVE DOCUMENT

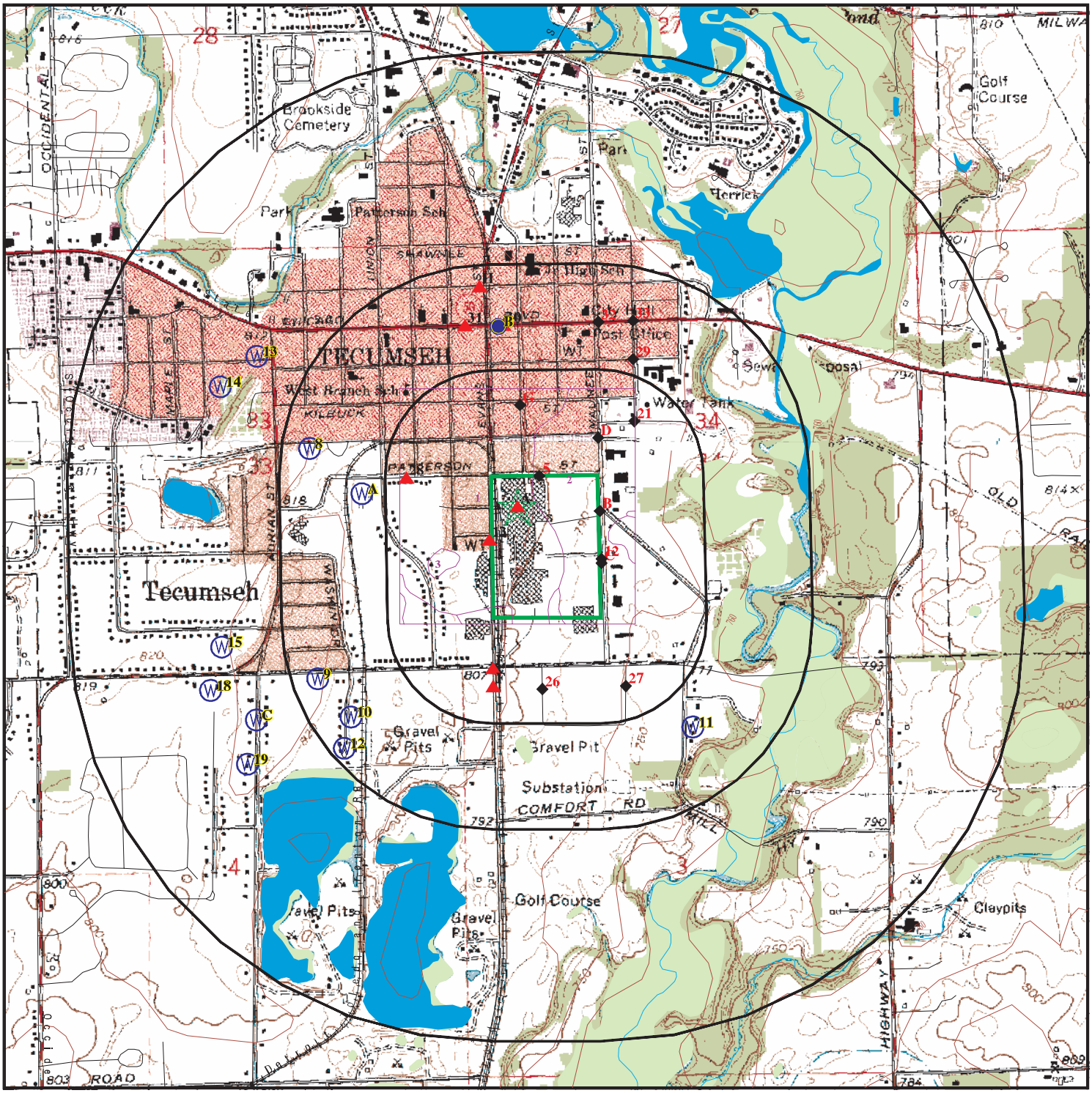
EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
TECUMSEH NITRATE CONTAM	SHWS
TECUMSEH CITY DUMP	SHWS
TECUMSEH CITY DUMP	CERC-NFRAP
TECUMSEH CITY DUMP	HIST LF
FOMER BREAD OF LIFE CHRISTIAN CENTER	LUST
TECUMSEH PRODUCTS AIRPORT DIVISION	LUST
MI DEPT/ENVIRONMENTAL QUALITY	RCRA-NonGen
CITY OF TECUMSEH	FINDS, RCRA-NonGen
MI DEPT/TRANSPORTATION	FINDS, RCRA-NonGen
MI DEPT/STATE POLICE	RCRA-NonGen
MI DEPT/TRANSPORTATION	RCRA-CESQG
GREAT LAKES WELDING CO	RCRA-CESQG
MI DEPT/ENVIRONMENTAL QUALITY	FINDS
MI DEPT/TRANSPORTATION	FINDS
MI DEPT/STATE POLICE	FINDS
FORMER BREAD OF LIFE CHRISTIAN CENTER	BEA

US EPA ARCHIVE DOCUMENT

OVERVIEW MAP - 2321399.6s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	100 East Patterson, Tecumseh, MI	CLIENT:	Atwell Hicks, Inc.
ADDRESS:	100 East Patterson Tecumseh MI 49286	CONTACT:	Robert Lambdin
LAT/LONG:	41.9978 / 83.9437	INQUIRY #:	2321399.6s
		DATE:	September 18, 2008 2:52 pm

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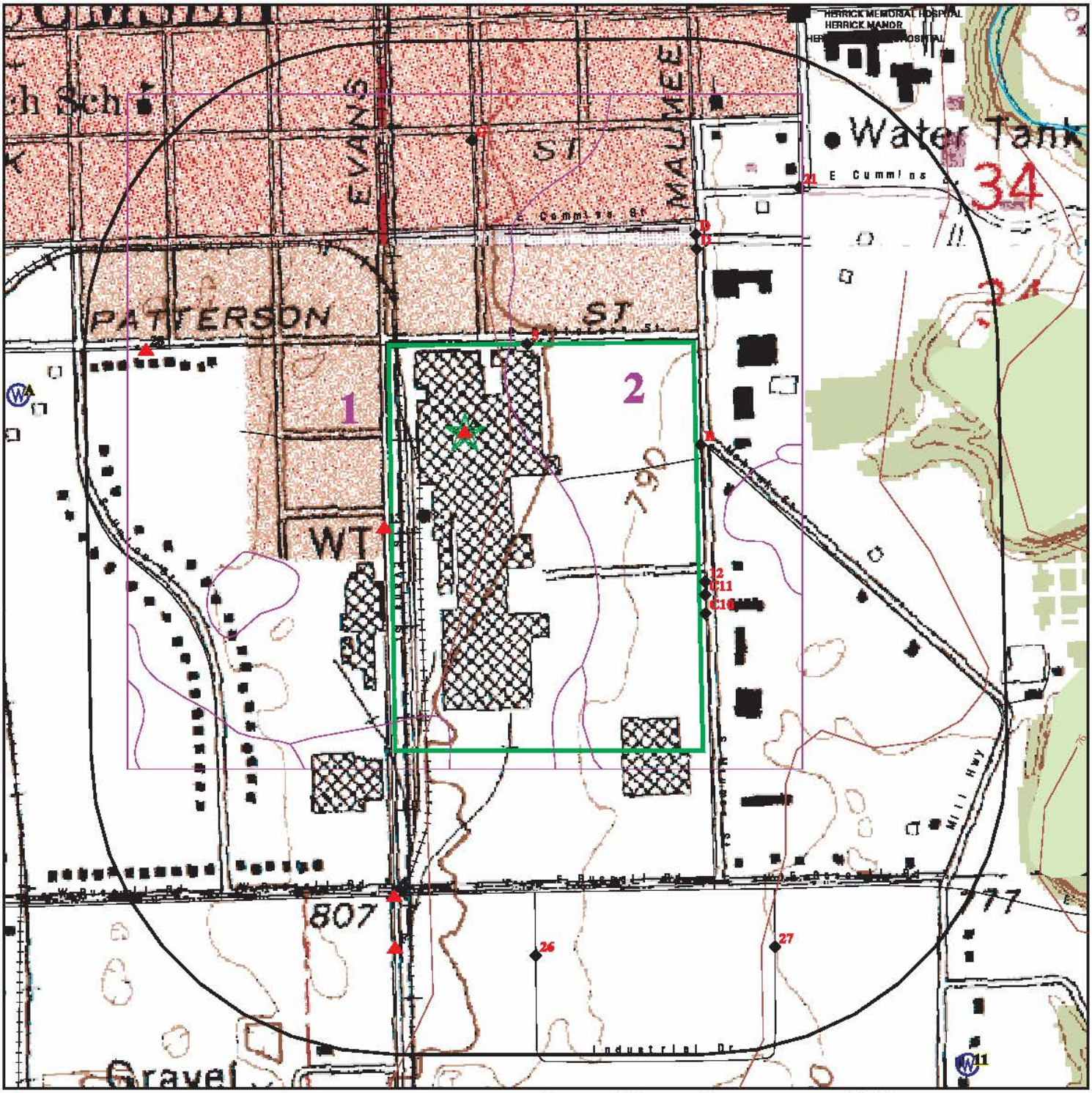
DETAIL MAP - 2321399.6s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	100 East Patterson, Tecumseh, MI	CLIENT:	Atwell Hicks, Inc.
ADDRESS:	100 East Patterson Tecumseh MI 49286	CONTACT:	Robert Lambdin
		INQUIRY #:	2321399.6s
LAT/LONG:	41.9978 / 83.9437	DATE:	September 18, 2008 2:53 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP	X	0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS	X	1.000	0	0	0	0	NR	0
RCRA-TSDF	X	0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	1	0	NR	NR	NR	1
RCRA-CESQG		0.250	4	1	NR	NR	NR	5
RCRA-NonGen		0.250	2	1	NR	NR	NR	3
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
SHWS		1.000	0	0	0	0	NR	0
DEL SHWS		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0

US EPA ARCHIVE DOCUMENT

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST		0.500	3	0	5	NR	NR	8
UST	X	0.250	5	2	NR	NR	NR	7
LIENS		TP	NR	NR	NR	NR	NR	0
AST		0.250	2	1	NR	NR	NR	3
SPILLS	X	TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	2	3	3	NR	NR	8
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

US EPA ARCHIVE DOCUMENT

A1 Target Property **TECUMSEH PRODUCTS INCORPORATED**
100 EAST PATTERSON STREET
TECUMSEH, MI 49286

Site 1 of 4 in cluster A

Database(s): RCRA-SQG, FINDS, RCRA-TSDF, UST, CORRACTS, CERC-NFRAP

EDR ID Number: 1000426324
EPA ID Number: MID005049440

Actual: 802 ft.

RCRA-SQG:

Date form received by agency:	05/02/2008
Facility name:	TECUMSEH COMPRESSOR COMPANY
Facility address:	100 E PATTERSON ST TECUMSEH, MI 49286
EPA ID:	MID005049440
Contact:	JOHN KNAPP
Contact address:	100 E PATTERSON ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-8411
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported

Owner/Operator Summary:

Owner/operator name:	TECUMSEH PRODUCTS COMPANY
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1926
Owner/Op end date:	Not reported
Owner/operator name:	KEITH EKLLER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2008
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/21/2007
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 04/20/2006
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 03/01/2006
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 11/03/2003
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 12/31/2002
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Date form received by agency: 09/10/2001
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 10/29/1999
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 01/18/1994
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 03/23/1992
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS CO INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS CO INC
Classification: Large Quantity Generator

Date form received by agency: 03/17/1981
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 08/18/1980
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2005

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 700

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 450

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 20

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 110

Waste code: D026
Waste name: CRESOL
Amount (Lbs): 110

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1583.8

Corrective Action Summary:
Event date: 09/26/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 09/29/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Permits - Conditions
Date violation determined: 12/18/2001
Date achieved compliance: 12/16/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/22/1987

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Date achieved compliance: 09/14/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/27/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/13/1986
Date achieved compliance: 04/08/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/17/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/18/2001
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Permits - Conditions
Date achieved compliance: 12/16/2002
Evaluation lead agency: State

Evaluation date: 09/28/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/14/1988
Evaluation lead agency: State

Evaluation date: 03/13/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/08/1986
Evaluation lead agency: State

Evaluation date: 02/21/1985

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:
Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:
Facility ID: 00016144
Facility Type: CLOSED
Latitude: 41.9986940000
Longitude: -83.9447170000
Owner Name: Tecumseh Products Co
Owner Address: 100 E Patterson St
Owner City,St,Zip: Tecumseh, MI 49286-2041
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-8411
Contact: TOM CZARTOSKI
Contact Phone: (517) 423-8437
Date of Collection: 01-11-2001

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	15
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	LUBE OIL
Remove Date:	Jul 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	20
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	21
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	6
Tank Status:	**Removed from Ground**
Capacity:	7500
Install Date:	Apr 28 1966
Product:	Used Oil
Remove Date:	Jul 1 1990
Tank Release Detection:	Not reported

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1966
Product: LUBE OIL
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 16
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: LUBE OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 25
Tank Status: Closed in Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: Hazardous Substance
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 19
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: Hazardous Substance
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1966
Product: LUBE OIL
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 28 1968
Product: Kerosene
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1968
Product: LAP OIL
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 11
Tank Status: Closed in Ground
Capacity: 20000
Install Date: Apr 28 1946
Product: FUEL-OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 17
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: LUBE OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 18
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: LUBE OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 23
Tank Status: Closed in Ground
Capacity: 20000
Install Date: Apr 29 1951
Product: LUBE-OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

CORRACTS:

EPA ID: MID005049440
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 09/26/1992
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness.

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

This status should be changed when data becomes available
NAICS Code(s): 333415
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005049440
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 09/29/1992
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 333415
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

CERC-NFRAP:
Site ID: 0507206
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/12/1992
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/30/1993
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/19/1995
Priority Level: Not reported

A2 Target Property **TECUMSEH PRODUCTS COMPANY**
100 EAST PATTERSON STREET
TECUMSEH, MI 49286

NPDES **S108960228**
N/A

Site 2 of 4 in cluster A

Actual: 802 ft.

MI NPDES:
Permit Number: MIS510197
Permitee PO Box: N
Permitee Email: Not reported
Facility Addr2: Not reported
Issue Date: 4/14/2005 0:00
Effective Date: 4/14/2005 0:00
Expiration Date: 4/1/2010 0:00
Permittee Name: Tecumseh Products Company

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS COMPANY (Continued) **S108960228**

Permittee Address:	100 East Patterson Street
Permittee Addr2:	Not reported
Permittee City,St,Zip:	Tecumseh, MI 49286
Permit Type:	COC
Facility Name 2:	Not reported
Facility Name 3:	Not reported
Facility Name 4:	Not reported
Designed Name:	Tecumseh Products Co
Latitude:	41.9989
Lat Direction:	N
Lat Type Code:	LAT
Longitude:	-83.9458
Lon Direction:	W
Lon Type Code:	LON
Hydrologic Unit Code:	4100002

A3 **100 EAST PATTERSON ST** **ERNS** **92271904**
Target **100 EAST PATTERSON ST** **N/A**
Property **TECUMSEH, MI 49286**

Site 3 of 4 in cluster A

Actual:
802 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A4 **SPILLS** **S105980108**
Target **100 E PATTERSON ST** **N/A**
Property **TECUMSEH, MI**

Site 4 of 4 in cluster A

Actual:
802 ft.

MI PEAS:

Incident Date:	08/05/2003
Date Of PEAS Call:	08/05/2003
Complainant / Company:	Kyle Lilly w/ Tecumseh Products
Complainant Address:	100 E Patterson St
Company Involved:	Quality Carrier
DEQ Division Involved:	RRD
Incident Description:	Unloading truck, system over filled w/oil. Inert gas blanket vent; oil ran
Description:	Not reported

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5 **BEA** **S105767802**
223 E PATTERSON ST **N/A**
< 1/8 **TECUMSEH VILLAGE, MI 49286**
1 ft.

BEA:

Relative:
Lower

Actual:
799 ft.

Secondary Address:	Not reported
BEA Number:	366
District:	Jackson
Date Received:	6/3/2002 12:59:00 AM
Submitter Name:	Tecumseh Trolley Co
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)

US EPA ARCHIVE DOCUMENT

(Continued) **S105767802**

Determination 20107A: No Request
Reviewer: katkov
Division Assigned: Environmental Response Division

B6 **IDIDIT INC** **RCRA-CESQG** **1007096129**
East **610 S MAUMEE ST** **MIK147587539**
< 1/8 **TECUMSEH, MI 49286**
0.004 mi.
21 ft. **Site 1 of 4 in cluster B**

Relative:
Lower

Actual:
788 ft.

RCRA-CESQG:
Date form received by agency: 09/26/2002
Facility name: IDIDIT INC
Facility address: 610 S MAUMEE ST
TECUMSEH, MI 49286
EPA ID: MIK147587539
Contact: RICK PINCHOCK
Contact address: 610 S MAUMEE ST
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 424-0577
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: CALLISON LEASING
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/31/2000
Owner/Op end date: Not reported

Owner/operator name: IDIDIT INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator

US EPA ARCHIVE DOCUMENT

IDIDIT INC (Continued) **1007096129**

Owner/Op start date: 11/30/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 01/01/1980
Facility name: IDIDIT INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

US EPA ARCHIVE DOCUMENT

B7 **BEA** **S105767799**
East **610 SOUTH MAUMEE** **N/A**
< 1/8 **TECUMSEH TOWNSHIP, MI**
0.004 mi.
21 ft. **Site 2 of 4 in cluster B**

Relative:
Lower

Actual:
788 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	260
District:	Jackson
Date Received:	9/28/2000
Submitter Name:	Callison Leasing, Inc.
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Same Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	massonp
Division Assigned:	Environmental Response Division

B8 **GTE NORTH, INC** **LUST** **S105213507**
East **606 S MAUMEE ST** **N/A**
< 1/8 **TECUMSEH, MI 49286**
0.004 mi.
22 ft. **Site 3 of 4 in cluster B**

Relative:
Lower

Actual:
788 ft.

LUST:

Facility ID:	00011206
Source:	STATE OF MICHIGAN
Owner Name:	Gte North Inc
Owner Address:	8001 W Jefferson Blvd
Owner City,St,Zip:	Fort Wayne, IN 46804-4141
Owner Contact:	Not reported
Owner Phone:	(219) 461-2478
Country:	USA
District:	Jackson District Office
Site Name:	Gte North Incorporated
Latitude:	41.9974540000
Longitude:	-83.9397730000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0927-92
Release Date:	Jun 10 1992
Substance Released:	Gasoline,Used Oil
Release Status:	Closed
Release Closed Date:	Aug 11 1994

US EPA ARCHIVE DOCUMENT

B9 **GTE NORTH, INC** **UST** **U003867044**
East **606 S MAUMEE ST** **N/A**
< 1/8 **TECUMSEH, MI 49286**
0.004 mi.
22 ft. **Site 4 of 4 in cluster B**

Relative:
Lower

Actual:
788 ft.

UST:

Facility ID:	00011206
Facility Type:	CLOSED
Latitude:	41.9974540000
Longitude:	-83.9397730000
Owner Name:	Gte North Inc
Owner Address:	8001 W Jefferson Blvd
Owner City,St,Zip:	Fort Wayne, IN 46804-4141
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(219) 461-2478
Contact:	THOMAS L. POTTSCHMIDT
Contact Phone:	(219) 461-2138
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1430060A
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 30 1974
Product:	Gasoline
Remove Date:	May 10 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	1430060B
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 30 1972
Product:	Used Oil
Remove Date:	Jun 10 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

C10 **SIL TECH CORP** **FINDS** **1000133444**
East **810 S MAUMEE ST** **RAATS** **MID011360732**
< 1/8 **TECUMSEH, MI 49286** **RCRA-CESQG**
0.005 mi.
25 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
786 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RCRA-CESQG:

Date form received by agency:	04/26/2004
Facility name:	SIL TECH CORP
Facility address:	810 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MID011360732
Contact:	DARIK CHAPMAN
Contact address:	810 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-3113
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHAPMAN TWILA V
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/1983
Owner/Op end date:	Not reported
Owner/operator name:	CHAPMAN TWILA V
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/01/1983
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/18/2003
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/13/2002
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/07/1986
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/20/1990
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/24/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/20/1990
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/24/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/31/1989
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/1989
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/18/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 5375
Final penalty amount: 5375
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/11/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Area of violation: Generators - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: State
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 12/15/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 5375
Final penalty amount: 5375
Paid penalty amount: 5000

Evaluation Action Summary:
Evaluation date: 04/30/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/20/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 06/20/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 07/31/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 07/31/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

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SIL TECH CORP (Continued) **1000133444**

Evaluation date: 11/25/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/02/1987
Evaluation lead agency: EPA

Evaluation date: 11/25/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/02/1987
Evaluation lead agency: State

C11 **FARADAY INC** **FINDS** **1000145360**
East **805 S MAUMEE ST** **RCRA-NonGen** **MID054161864**
< 1/8 **TECUMSEH, MI 49286**
0.005 mi.
25 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
786 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:
Date form received by agency: 05/15/2005
Facility name: FARADAY INC
Facility address: 805 S MAUMEE ST
TECUMSEH, MI 49286
EPA ID: MID054161864
Contact: WILLIAM CREGER
Contact address: 805 S MAUMEE ST
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 423-2111
Contact email: Not reported
EPA Region: 05
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Owner/Op start date: 05/16/1994
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/16/1994
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 08/18/1980
Facility name: FARADAY INC
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/04/1987
Date achieved compliance: 07/15/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/04/1987
Date achieved compliance: 07/15/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/16/1986
Date achieved compliance: 08/29/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/08/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/16/1986
Date achieved compliance: 08/29/1986

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/01/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/15/1987
Evaluation lead agency: State

Evaluation date: 06/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/15/1987
Evaluation lead agency: State

Evaluation date: 07/16/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/29/1986
Evaluation lead agency: State

Evaluation date: 05/30/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

12
East
< 1/8
0.005 mi.
26 ft.

ROBERTS TOOL CO **FINDS** **1000219672**
800 S MAUMEE **RCRA-CESQG** **MID985579507**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
786 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US EPA ARCHIVE DOCUMENT

ROBERTS TOOL CO (Continued) **1000219672**

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	ROBERTS TOOL CO
Facility address:	800 S MAUMEE TECUMSEH, MI 49286
EPA ID:	MID985579507
Mailing address:	P O BOX 400 TECUMSEH, MI 49286
Contact:	ALLEN ROBERTS
Contact address:	800 S MAUMEE TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-6691
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROBERTS TOOL CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/07/1978
Owner/Op end date:	Not reported

Owner/operator name:	ROBERTS TOOL CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/07/1978
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

US EPA ARCHIVE DOCUMENT

ROBERTS TOOL CO (Continued) **1000219672**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	No

Historical Generators:

Date form received by agency:	06/03/2003
Facility name:	ROBERTS TOOL CO
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	08/12/2002
Facility name:	ROBERTS TOOL CO
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agency:	05/08/1990
Facility name:	ROBERTS TOOL CO
Classification:	Conditionally Exempt Small Quantity Generator

US EPA ARCHIVE DOCUMENT

ROBERTS TOOL CO (Continued) **1000219672**

Violation Status: No violations found

13
West
< 1/8
0.006 mi.
31 ft.

TECUMSEH CORRUGATED BOX CO **LUST U003866882**
707 S EVANS ST **UST N/A**
TECUMSEH, MI 49286

Relative:
Higher

Actual:
804 ft.

LUST:

Facility ID:	00009335
Source:	STATE OF MICHIGAN
Owner Name:	Tecumseh Corrugated Box Co
Owner Address:	707 S Evans St
Owner City,St,Zip:	Tecumseh, MI 49286-1919
Owner Contact:	Not reported
Owner Phone:	(517) 423-2126
Country:	USA
District:	Jackson District Office
Site Name:	Tecumseh Corrugated Box
Latitude:	41.9936340000
Longitude:	-83.9451110000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-1719-90
Release Date:	Sep 7 1990
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	Oct 22 1991

UST:

Facility ID:	00009335
Facility Type:	CLOSED
Latitude:	41.9936340000
Longitude:	-83.9451110000
Owner Name:	Tecumseh Corrugated Box Co
Owner Address:	707 S Evans St
Owner City,St,Zip:	Tecumseh, MI 49286-1919
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-2126
Contact:	BRUCE WRIGHT
Contact Phone:	(517) 423-2126
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**

US EPA ARCHIVE DOCUMENT

TECUMSEH CORRUGATED BOX CO (Continued) **U003866882**

Capacity:	10000
Install Date:	Apr 17 1968
Product:	Gasoline
Remove Date:	Aug 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	2000
Install Date:	Apr 17 1966
Product:	Gasoline
Remove Date:	Aug 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	15000
Install Date:	Apr 17 1976
Product:	Kerosene
Remove Date:	Mar 1 1989
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

D14 **PAUL SMITH OIL, INC** **AST** **A100269087**
North **426 S MAUMEE ST** **N/A**
< 1/8 **TECUMSEH, MI 49286**
0.075 mi.
395 ft. **Site 1 of 5 in cluster D**

Relative:
Lower

Actual:
790 ft.

AST:

Type:	CLOSED
Owner Name:	Paul Smith Oil Inc
Owner Address:	4214 S Adrian Hwy
Owner City,St,Zip:	Adrian, MI 49221-8725
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 265-6809
Facility ID:	91046057
District:	Jackson District Office
Contact:	RAY DOLLISON
Facility Phone:	(517) 423-2624
Tank ID:	5

US EPA ARCHIVE DOCUMENT

PAUL SMITH OIL, INC (Continued) **A100269087**

Tank Status: Removed from Premises
Capacity: 20000
Install Date: Jan 1 1950
Content: Flammable Liquid
Close Date: May 4 1992

Type: CLOSED
Owner Name: Paul Smith Oil Inc
Owner Address: 4214 S Adrian Hwy
Owner City,St,Zip: Adrian, MI 49221-8725
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 265-6809
Facility ID: 91046057
District: Jackson District Office
Contact: RAY DOLLISON
Facility Phone: (517) 423-2624
Tank ID: 1
Tank Status: Removed from Premises
Capacity: 42000
Install Date: Jan 1 1950
Content: Flammable Liquid
Close Date: May 4 1992

Type: CLOSED
Owner Name: Paul Smith Oil Inc
Owner Address: 4214 S Adrian Hwy
Owner City,St,Zip: Adrian, MI 49221-8725
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 265-6809
Facility ID: 91046057
District: Jackson District Office
Contact: RAY DOLLISON
Facility Phone: (517) 423-2624
Tank ID: 2
Tank Status: Removed from Premises
Capacity: 15000
Install Date: Jan 1 1950
Content: Flammable Liquid
Close Date: Mar 14 1987

Type: CLOSED
Owner Name: Paul Smith Oil Inc
Owner Address: 4214 S Adrian Hwy
Owner City,St,Zip: Adrian, MI 49221-8725
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 265-6809
Facility ID: 91046057
District: Jackson District Office
Contact: RAY DOLLISON
Facility Phone: (517) 423-2624
Tank ID: 4
Tank Status: Removed from Premises
Capacity: 20000
Install Date: Jan 1 1950

US EPA ARCHIVE DOCUMENT

PAUL SMITH OIL, INC (Continued) **A100269087**

Content: Flammable Liquid
Close Date: May 4 1992

D15 **BUGS SUPER SERVICE** **UST** **U003102097**
North **426 S MAUMEE ST** **N/A**
< 1/8 **TECUMSEH, MI 49286**
0.075 mi.
395 ft. **Site 2 of 5 in cluster D**

Relative:
Lower

Actual:
790 ft.

UST:

Facility ID:	00002072
Facility Type:	CLOSED
Latitude:	41.9997060000
Longitude:	-83.9398760000
Owner Name:	Paul Smith Oil Inc
Owner Address:	4214 S Adrian Hwy
Owner City,St,Zip:	Adrian, MI 49221-8725
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 265-6809
Contact:	PAUL E. SMITH
Contact Phone:	(517) 265-2222
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	2500
Install Date:	Apr 18 1960
Product:	Not reported
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Tank ID:	4
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Apr 18 1960
Product:	Gasoline
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

BUGS SUPER SERVICE (Continued) **U003102097**

Tank ID:	5
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Apr 18 1960
Product:	Kerosene
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	2500
Install Date:	Apr 18 1960
Product:	Not reported
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	2500
Install Date:	Apr 18 1960
Product:	Not reported
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

D16 **CONSOLIDATED FREIGHTWAYS** **LUST U000258343**
North **424 S MAUMEE ST** **UST N/A**
< 1/8 **TECUMSEH, MI 49286**
0.077 mi.
406 ft. **Site 3 of 5 in cluster D**

Relative:
Lower

Actual:
790 ft.

LUST:

Facility ID:	00016246
Source:	STATE OF MICHIGAN
Owner Name:	Consolidated Freightways
Owner Address:	Po Box 3010175 Linfield Dr
Owner City,St,Zip:	Menlo Park, CA 94026-3010
Owner Contact:	Not reported
Owner Phone:	(650) 326-1700
Country:	USA
District:	Jackson District Office
Site Name:	Consolidated Freightways

US EPA ARCHIVE DOCUMENT

CONSOLIDATED FREIGHTWAYS (Continued) **U000258343**

Latitude:	41.9997250000
Longitude:	-83.9398760000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-1561-91
Release Date:	Jul 30 1991
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	Mar 20 1998

UST:

Facility ID:	00016246
Facility Type:	CLOSED
Latitude:	41.9997250000
Longitude:	-83.9398760000
Owner Name:	Consolidated Freightways
Owner Address:	Po Box 3010 175 Linfield Dr
Owner City,St,Zip:	Menlo Park, CA 94026-3010
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(650) 326-1700
Contact:	JOE WATERS
Contact Phone:	(517) 423-7477
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	D-1
Tank Status:	**Removed from Ground**
Capacity:	8000
Install Date:	Apr 16 1960
Product:	Diesel
Remove Date:	Jul 30 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

D17 **DALE TECHNOLOGIES INC** **FINDS** **1000908952**
North **414 S MAUMEE ST** **RCRA-NonGen** **MI0000372854**
< 1/8 **TECUMSEH, MI 49286**
0.087 mi.
457 ft. **Site 4 of 5 in cluster D**

Relative:
Lower

Actual:
790 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency:	12/31/2001
Facility name:	DALE TECHNOLOGIES INC
Facility address:	414 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MI0000372854
Contact:	ROBERT HUNTLEY
Contact address:	414 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-8318
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2002
Owner/Op end date:	Not reported

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

US EPA ARCHIVE DOCUMENT

DALE TECHNOLOGIES INC (Continued) **1000908952**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	No

Historical Generators:

Date form received by agency:	06/01/1994
Facility name:	DALE TECHNOLOGIES INC
Classification:	Not a generator, verified
Violation Status:	No violations found

US EPA ARCHIVE DOCUMENT

D18 **LENAWEE PRECISION PLASTICS INC** **RCRA-SQG** **1007371061**
North **412 S MAUMEE ST** **MIK888223161**
< 1/8 **TECUMSEH, MI 49286**
0.089 mi.
468 ft. **Site 5 of 5 in cluster D**

Relative:
Lower

Actual:
790 ft.

RCRA-SQG:

Date form received by agency:	06/02/2004
Facility name:	LENAWEE PRECISION PLASTICS INC
Facility address:	412 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MIK888223161
Mailing address:	PO BOX 188 TECUMSEH, MI 49286
Contact:	ANDRE RUCKER
Contact address:	412 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-0766
Contact email:	Not reported
EPA Region:	05
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WILLIAM ANDRE RUCKER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/17/2004
Owner/Op end date:	Not reported

Owner/operator name:	LENAWEE PRECISION PLASTICS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1995
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

US EPA ARCHIVE DOCUMENT

LENAWEE PRECISION PLASTICS INC (Continued) **1007371061**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	No

Historical Generators:

Date form received by agency:	05/17/2004
Facility name:	LENAWEE PRECISION PLASTICS INC
Classification:	Small Quantity Generator
Violation Status:	No violations found

E19 **BOLEY FUELS** **UST U000258201**
South **100 E RUSSELL RD** **AST N/A**
< 1/8 **TECUMSEH, MI 49286**
0.119 mi.
630 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
803 ft.

UST:

Facility ID:	00015103
Facility Type:	ACTIVE
Latitude:	41.9920730000
Longitude:	-83.9447790000
Owner Name:	Avery Oil & Propane
Owner Address:	3700 Rives Eaton Rd

US EPA ARCHIVE DOCUMENT

BOLEY FUELS (Continued) **U000258201**

Owner City,St,Zip:	Rives Junction, MI 49277
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 569-3366
Contact:	JIM LAWSON
Contact Phone:	(517) 423-6602
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Jan 1 1976
Product:	Kerosene,8
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Not reported
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	2
Tank Status:	**Currently In Use**
Capacity:	20000
Install Date:	Jan 1 1976
Product:	Diesel,6
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	7
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Mar 17 1977
Product:	Diesel
Remove Date:	Jul 1 1988
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

BOLEY FUELS (Continued) **U000258201**

Tank ID: 3
Tank Status: Currently In Use
Capacity: 20000
Install Date: Mar 17 1977
Product: Diesel,6
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 6
Tank Status: Currently In Use
Capacity: 15000
Install Date: Jan 1 1976
Product: Gasoline,8
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 4
Tank Status: Currently In Use
Capacity: 20000
Install Date: Jan 1 1976
Product: Hazardous Substance
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Galvanized Steel
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interior
Impressed Device: No

Tank ID: 5
Tank Status: Currently In Use
Capacity: 10000
Install Date: Jan 1 1976
Product: Gasoline,8
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 8

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BOLEY FUELS (Continued) **U000258201**

Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Mar 17 1978
Product:	Gasoline
Remove Date:	Jul 1 1988
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	9
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Mar 17 1984
Product:	Gasoline
Remove Date:	Jul 1 1988
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

AST:

Type:	ACTIVE
Owner Name:	Boley Fuels
Owner Address:	100 E Russell Rd Po Box 55
Owner City,St,Zip:	Tecumseh, MI 49286-2050
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 423-6602
Facility ID:	92084386
District:	Jackson District Office
Contact:	JIM LAWSON
Facility Phone:	(517) 423-6602
Tank ID:	1
Tank Status:	Currently In Use
Capacity:	1000
Install Date:	May 16 2000
Content:	Liquid Propane Gas
Close Date:	Not reported

E20 **BOLEY FUEL INC** **FINDS 1004724010**
South **100 E RUSSELL ST** **RCRA-CESQG MID985654409**
< 1/8 **TECUMSEH, MI 49286**
0.119 mi.
630 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
803 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

US EPA ARCHIVE DOCUMENT

BOLEY FUEL INC (Continued) **1004724010**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency:	12/08/1992
Facility name:	BOLEY FUEL INC
Facility address:	100 E RUSSELL ST TECUMSEH, MI 49286
EPA ID:	MID985654409
Contact:	RICHARD BOLEY
Contact address:	100 E RUSSELL ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-6602
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BOLEY RA FUEL INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

Owner/operator name:	BOLEY RA FUEL INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

US EPA ARCHIVE DOCUMENT

BOLEY FUEL INC (Continued) **1004724010**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Violation Status: No violations found

US EPA ARCHIVE DOCUMENT

21
NE
1/8-1/4
0.155 mi.
816 ft.

500 EAST CUMMINS
TECUMSEH TOWNSHIP, MI

BEA **S105767796**
N/A

Relative:
Lower

Actual:
788 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	35
District:	Jackson
Date Received:	8/19/1996
Submitter Name:	Anne E. Flora & John J. Ryan
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	massonp
Division Assigned:	Environmental Response Division

F22
South
1/8-1/4
0.162 mi.
854 ft.

TECUMSEH GARAGE
6886 RAISIN CENTER HWY
TECUMSEH, MI 49221

Site 1 of 2 in cluster F

UST **U000258393**
N/A

Relative:
Higher

Actual:
803 ft.

UST:

Facility ID:	00000442
Facility Type:	CLOSED
Latitude:	41.9904830000
Longitude:	-83.9459180000
Owner Name:	Lenawee County Road Commission
Owner Address:	2461 Treat St
Owner City,St,Zip:	Adrian, MI 49221-4009
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 265-6971
Contact:	GORDON ROBACK
Contact Phone:	(517) 265-6971
Date of Collection:	Not reported
Accuracy:	15
Accuracy Value Unit:	METERS
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
Tank ID:	15
Tank Status:	**Removed from Ground**
Capacity:	2000
Install Date:	Mar 13 1965
Product:	Gasoline
Remove Date:	Apr 29 1997
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

TECUMSEH GARAGE (Continued) **U000258393**

Tank ID:	11
Tank Status:	**Removed from Ground**
Capacity:	10000
Install Date:	Mar 13 1965
Product:	Diesel
Remove Date:	Apr 29 1997
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Cathodically Protected Steel
Impressed Device:	No

F23 **LENAWEE COUNTY ROAD COMMISSION** **AST** **A100127315**
South **6886 RAISIN CENTER HWY** **N/A**
1/8-1/4 **TECUMSEH, MI 49221**
0.162 mi.
854 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
803 ft.

AST:

Type:	ACTIVE
Owner Name:	Lenawee County Road Commission
Owner Address:	2461 Treat St
Owner City,St,Zip:	Adrian, MI 49221-4009
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 265-6971
Facility ID:	91046539
District:	Jackson District Office
Contact:	GORDON ROBACK
Facility Phone:	(517) 265-6971
Tank ID:	1
Tank Status:	Currently In Use
Capacity:	6000
Install Date:	Jun 26 1997
Content:	FL/CL
Close Date:	Not reported

G24 **METAL ART INC** **BEA** **S105541849**
North **317 S OTTAWA ST** **N/A**
1/8-1/4 **TECUMSEH TOWNSHIP, MI**
0.166 mi.
877 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
801 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	11
District:	Jackson
Date Received:	11/20/1995
Submitter Name:	Metal Art Inc
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	massonp
Division Assigned:	Environmental Response Division

US EPA ARCHIVE DOCUMENT

METAL ART INC (Continued) **S105541849**

Secondary Address: Not reported
BEA Number: 7
District: Jackson
Date Received: 10/26/1995
Submitter Name: Rosemary Schneider/Revocable Trust
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Storage Tank Division

G25
North
1/8-1/4
0.168 mi.
886 ft.

Relative:
Lower

Actual:
801 ft.

RARE TOOL, INC. **BEA** **S105541848**
315 S OTTAWA ST **N/A**
TECUMSEH TOWNSHIP, MI

Site 2 of 2 in cluster G

BEA:
Secondary Address: Not reported
BEA Number: 10
District: Jackson
Date Received: 11/20/1995
Submitter Name: Rare Tool Inc
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: massonp
Division Assigned: Environmental Response Division

26
South
1/8-1/4
0.168 mi.
889 ft.

Relative:
Lower

Actual:
793 ft.

ERVIN INDUSTRIES **FINDS** **1000529506**
200 INDUSTRIAL DR **RCRA-CESQG** **MID985619642**
TECUMSEH, MI 49286

FINDS:
Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:
Date form received by agency: 04/22/2008
Facility name: ERVIN INDUSTRIES

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Facility address:	200 INDUSTRIAL DR TECUMSEH, MI 49286
EPA ID:	MID985619642
Contact:	CHRISTOPHER BEEMAN
Contact address:	200 INDUSTRIAL DR TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-5477
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ERVIN INDUSTRIES INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/29/1991
Owner/Op end date:	Not reported

Owner/operator name:	ERVIN INDUSTRIES INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/29/1991
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/07/2007
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/17/2006
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/2004
Facility name: ERVIN INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 09/26/2003
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Date form received by agency: 12/31/2001
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/19/2001
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/29/1991
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.20(a)
Area of violation: Generators - Manifest
Date violation determined: 09/10/2003
Date achieved compliance: 09/23/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(a)(3)
Area of violation: Generators - General
Date violation determined: 09/10/2003
Date achieved compliance: 09/23/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/10/2003
Date achieved compliance: 09/23/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Evaluation date: 09/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/23/2003
Evaluation lead agency: EPA

Evaluation date: 09/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 09/23/2003
Evaluation lead agency: EPA

27
SSE
1/8-1/4
0.172 mi.
909 ft.

CURLEY MACHINED PRODUCTS **FINDS** **1000282876**
907 INDUSTRIAL DR **RCRA-NonGen** **MID005344734**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
780 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:
Date form received by agency: 05/04/1987
Facility name: CURLEY MACHINED PRODUCTS
Facility address: 907 INDUSTRIAL DR
TECUMSEH, MI 49286
EPA ID: MID005344734
Mailing address: PO BOX 80
TECUMSEH, MI 49286
Contact: RON STEELE
Contact address: 907 INDUSTRIAL DR
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 423-2177
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

US EPA ARCHIVE DOCUMENT

CURLEY MACHINED PRODUCTS (Continued) **1000282876**

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

CURLEY MACHINED PRODUCTS (Continued) **1000282876**

Violation Status: No violations found

28
West
1/8-1/4
0.200 mi.
1054 ft.

RICHARDSON SAND & GRAVEL
324 W PATTERSON ST
TECUMSEH, MI 49286

UST **U003102617**
N/A

Relative:
Higher

Actual:
813 ft.

UST:

Facility ID:	00005025
Facility Type:	CLOSED
Latitude:	41.9986420000
Longitude:	-83.9495250000
Owner Name:	Richardson Sand & Gravel
Owner Address:	324 W Patterson St
Owner City,St,Zip:	Tecumseh, MI 49286-1934
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-3344
Contact:	THOMAS RICHARDSON
Contact Phone:	(517) 423-3344
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 10 1982
Product:	Gasoline
Remove Date:	May 17 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

29
NNE
1/4-1/2
0.287 mi.
1513 ft.

HERRICK MEMORIAL HOSPITAL
500 E POTTAWATAMIE ST
TECUMSEH, MI 49286

RCRA-SQG **1000361108**
FINDS **MID144464328**
LUST
UST

Relative:
Lower

Actual:
791 ft.

RCRA-SQG:

Date form received by agency:	08/15/2002
Facility name:	HERRICK MEMORIAL HOSPITAL
Facility address:	500 E POTTAWATAMIE ST TECUMSEH, MI 49286
EPA ID:	MID144464328
Contact:	TAMMY GERMAN
Contact address:	500 E POTTAWATAMIE ST

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 265-0393
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CITY OF TECUMSEH
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 02/01/1938
Owner/Op end date: Not reported

Owner/operator name: CITY OF TECUMSEH
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 02/01/1938
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 08/14/1989
Facility name: HERRICK MEMORIAL HOSPITAL
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Facility ID: 00015175
Source: STATE OF MICHIGAN
Owner Name: Herrick Memorial Hospital
Owner Address: 500 E Pottawatamie St
Owner City,St,Zip: Tecumseh, MI 49286-2018
Owner Contact: Not reported
Owner Phone: (517) 265-0368
Country: USA
District: Jackson District Office
Site Name: Herrick Health Center
Latitude: 42.0026790000
Longitude: -83.9382420000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0837-98
Release Date: Sep 8 1998
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Jan 28 2000

Leak Number: C-0891-90
Release Date: May 22 1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Jan 28 2000

UST:
Facility ID: 00015175
Facility Type: CLOSED
Latitude: 42.0026790000
Longitude: -83.9382420000
Owner Name: Herrick Memorial Hospital
Owner Address: 500 E Pottawatamie St
Owner City,St,Zip: Tecumseh, MI 49286-2018
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 265-0368
Contact: MR MICHAEL EDGAR
Contact Phone: (517) 265-0368
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 3
Tank Status: **Removed from Ground**
Capacity: 500
Install Date: Apr 7 1961
Product: Diesel
Remove Date: Sep 1 1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 500
Install Date: Apr 7 1981

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Product:	Gasoline
Remove Date:	Sep 1 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	4
Tank Status:	**Closed in Ground**
Capacity:	500
Install Date:	Apr 8 1979
Product:	Diesel
Remove Date:	Jul 9 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	6
Tank Status:	**Removed from Ground**
Capacity:	300
Install Date:	Apr 7 1986
Product:	Diesel
Remove Date:	Jul 9 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Cathodically Protected
Piping Type:	Not reported
Constr Material:	Cathodically Protected Steel
Impressed Device:	No

30
North
1/4-1/2
0.358 mi.
1888 ft.

Relative:
Higher

Actual:
802 ft.

NRT OWNER **LUST S102726420**
160 E CHICAGO BLVD **BEA N/A**
TECUMSEH, MI 49286

LUST:

Facility ID:	50002091
Source:	STATE OF MICHIGAN
Owner Name:	Nrt Owner
Owner Address:	Unknown
Owner City,St,Zip:	Unknown, MI 99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Jackson District Office
Site Name:	NRT Owner
Latitude:	42.0038800000
Longitude:	-83.9443480000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number

US EPA ARCHIVE DOCUMENT

NRT OWNER (Continued) **S102726420**

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0666-97
Release Date: Mar 25 1996
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

BEA:
Secondary Address: Not reported
BEA Number: 21
District: Jackson
Date Received: 3/26/1996
Submitter Name: Scott Evans
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: temppm
Division Assigned: Storage Tank Division

31
North
1/4-1/2
0.362 mi.
1910 ft.

BAKER BROS INC **LUST U000258260**
160 W CHICAGO BLVD **UST N/A**
TECUMSEH, MI 49286

Relative:
Higher

Actual:
806 ft.

LUST:
Facility ID: 00034744
Source: STATE OF MICHIGAN
Owner Name: Baker Bros Inc
Owner Address: 160 W Chicago Blvd
Owner City,St,Zip: Tecumseh, MI 49286-1553
Owner Contact: Not reported
Owner Phone: (517) 423-4000
Country: USA
District: Jackson District Office
Site Name: Baker Bros Inc
Latitude: 42.0038450000
Longitude: -83.9459650000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0363-02
Release Date: Aug 6 1997
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

US EPA ARCHIVE DOCUMENT

BAKER BROS INC (Continued) **U000258260**

UST:

Facility ID:	00034744
Facility Type:	ACTIVE
Latitude:	42.0038450000
Longitude:	-83.9459650000
Owner Name:	Baker Bros Inc
Owner Address:	160 W Chicago Blvd
Owner City,St,Zip:	Tecumseh, MI 49286-1553
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-4000
Contact:	JACK BAKER
Contact Phone:	5174235625
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	2
Tank Status:	**Currently In Use**
Capacity:	4000
Install Date:	Jan 1 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Composite(Steel w/Fiberglass)
Impressed Device:	No

Tank ID:	3
Tank Status:	**Currently In Use**
Capacity:	6000
Install Date:	Jan 1 1986
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Composite(Steel w/Fiberglass)
Impressed Device:	No

Tank ID:	1
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Jan 1 1975
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging

US EPA ARCHIVE DOCUMENT

BAKER BROS INC (Continued) **U000258260**

Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interier
Impressed Device: No

32
North
1/4-1/2
0.362 mi.
1911 ft.

PERKY PANTRY EAST
413 E CHICAGO BLVD
TECUMSEH, MI 49286

LUST U002301951
UST N/A

Relative:
Lower

Actual:
794 ft.

LUST:
Facility ID: 00016039
Source: STATE OF MICHIGAN
Owner Name: Lenawee Fuels Inc
Owner Address: PO Box 337
Owner City,St,Zip: Tecumseh, MI 49286-0337
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Country: USA
District: Jackson District Office
Site Name: Eastside 76
Latitude: 42.0042500000
Longitude: -83.9398790000
Date of Collection: 01-12-1998
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1001-94
Release Date: Sep 9 1994
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Nov 7 1994

UST:
Facility ID: 00016039
Facility Type: ACTIVE
Latitude: 42.0042500000
Longitude: -83.9398790000
Owner Name: Lenawee Fuels Inc
Owner Address: PO Box 337
Owner City,St,Zip: Tecumseh, MI 49286-0337
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Contact: JAMES C LAWSON
Contact Phone: (517) 423-6695
Date of Collection: 01-12-1998
Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT

US EPA ARCHIVE DOCUMENT

PERKY PANTRY EAST (Continued) **U002301951**

Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 25 1976
Product: Gasoline
Remove Date: Jun 1 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 5000
Install Date: Apr 25 1976
Product: Gasoline
Remove Date: Jun 1 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Currently In Use
Capacity: 9000
Install Date: Jan 1 1994
Product: Diesel,Kerosene
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Double Walled,Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Double Walled,Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 25 1976
Product: Gasoline
Remove Date: Jun 1 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

US EPA ARCHIVE DOCUMENT

PERKY PANTRY EAST (Continued) **U002301951**

Tank ID:	5
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Apr 25 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	4
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Apr 25 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	6
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Apr 25 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Double Walled,Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

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33 **ROADHOUSE CAFE** **LUST U001147835**
NNE **502 E CHICAGO BLVD** **UST N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.374 mi.
1975 ft.

Relative:
Lower

Actual:
792 ft.

LUST:

Facility ID:	00036394
Source:	STATE OF MICHIGAN
Owner Name:	Jimmy Carres
Owner Address:	199 W Michigan Ave
Owner City,St,Zip:	Saline, MI 48176-1324
Owner Contact:	Not reported
Owner Phone:	(734) 429-5673
Country:	USA
District:	Jackson District Office
Site Name:	Road House Cafe

US EPA ARCHIVE DOCUMENT

ROADHOUSE CAFE (Continued) **U001147835**

Latitude:	42.0040120000
Longitude:	-83.9382630000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-2237-92
Release Date:	Dec 15 1992
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	Jan 26 1993

UST:

Facility ID:	00036394
Facility Type:	CLOSED
Latitude:	42.0040120000
Longitude:	-83.9382630000
Owner Name:	Jimmy Carres
Owner Address:	199 W Michigan Ave
Owner City,St,Zip:	Saline, MI 48176-1324
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(734) 429-5673
Contact:	JIMMY CARRES
Contact Phone:	(734) 429-5673
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Not reported
Product:	Used Oil
Remove Date:	Feb 11 1993
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel,Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel,Unknown
Impressed Device:	No
Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Not reported
Product:	Kerosene
Remove Date:	Feb 11 1993

US EPA ARCHIVE DOCUMENT

ROADHOUSE CAFE (Continued) **U001147835**

Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 500
Install Date: Not reported
Product: Gasoline
Remove Date: Jan 11 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

H34 **BEA** **S107812191**
North **113 W LOGAN** **N/A**
1/4-1/2 **TECUMSEH VILLAGE, MI 49286**
0.450 mi.
2374 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
804 ft.

BEA:
Secondary Address: Not reported
BEA Number: 743
District: Jackson
Date Received: 6/15/2006 12:59:00 AM
Submitter Name: Indian Properties
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: katkov
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 725
District: Jackson
Date Received: 5/4/2006 12:59:00 AM
Submitter Name: Thunder Properties LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: katkov
Division Assigned: Environmental Response Division

US EPA ARCHIVE DOCUMENT

H35 **BEA** **S108414359**
North **111 W LOGAN** **N/A**
1/4-1/2 **TECUMSEH VILLAGE, MI 49286**
0.450 mi.
2375 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
804 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	804
District:	Jackson
Date Received:	3/6/2007 12:59:00 AM
Submitter Name:	Masters & Company
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	katkov
Division Assigned:	Environmental Response Division

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TECUMSEH	1007132447	MI DEPT/ENVIRONMENTAL QUALITY	2485 E-M 50	49286	FINDS
TECUMSEH	1007099647	MI DEPT/ENVIRONMENTAL QUALITY	2485 E-M 50	49286	RCRA-NonGen
TECUMSEH	1001232615	CITY OF TECUMSEH	EVANS ST OVER RIVER RAISIN	49286	FINDS, RCRA-NonGen
TECUMSEH	S103595026	TECUMSEH NITRATE CONTAM	KAISER AND LOVELESS RDS	49286	SHWS
TECUMSEH	1008381033	MI DEPT/TRANSPORTATION	M52 OVER EVANS CREEK	49286	FINDS
TECUMSEH	1008373520	MI DEPT/TRANSPORTATION	M52 OVER EVANS CREEK	49286	RCRA-CESQG
TECUMSEH	1001214515	MI DEPT/TRANSPORTATION	M-50 OVER RAISIN RIVER	49286	FINDS, RCRA-NonGen
TECUMSEH	S107596867	FOMER BREAD OF LIFE CHRISTIAN CENTER	1159 R-HWY M-50	49286	LUST
TECUMSEH	1009332601	MI DEPT/STATE POLICE	T05S R05B SEC 19 TECHMSEA TWP	49286	FINDS
TECUMSEH	1009312209	MI DEPT/STATE POLICE	T05S R05B SEC 19 TECHMSEA TWP	49286	RCRA-NonGen
TECUMSEH	1003871293	TECUMSEH CITY DUMP	SEC 34	49286	CERC-NFRAP
TECUMSEH	1000979962	TECUMSEH PRODUCTS AIRPORT DIVISION	STONE RD	49286	LUST
TECUMSEH	1007096774	GREAT LAKES WELDING CO	SUTTON RD & N RAISIN HWY	49286	RCRA-CESQG
TECUMSEH	S103086272	TECUMSEH CITY DUMP	WYANDOTTE AND DIVISION STREET	49286	SHWS
TECUMSEH	S100067706	TECUMSEH CITY DUMP	WYANDOTTE / CUMMINS STREETS	49286	HIST LF
TECUMSEH VILLAGE	S107466618	FORMER BREAD OF LIFE CHRISTIAN CENTER	1159 E M-50 HWY (MONROE RD)	49286	BEA

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/30/2008
Date Data Arrived at EDR: 05/06/2008
Date Made Active in Reports: 06/09/2008
Number of Days to Update: 34

Source: EPA
Telephone: N/A
Last EDR Contact: 07/28/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/30/2008
Date Data Arrived at EDR: 05/06/2008
Date Made Active in Reports: 06/09/2008
Number of Days to Update: 34

Source: EPA
Telephone: N/A
Last EDR Contact: 08/27/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/30/2008
Date Data Arrived at EDR: 05/06/2008
Date Made Active in Reports: 06/09/2008
Number of Days to Update: 34

Source: EPA
Telephone: N/A
Last EDR Contact: 07/28/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 34

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 07/22/2008
Next Scheduled EDR Contact: 09/15/2008
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/25/2008
Date Data Arrived at EDR: 06/30/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/02/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 08/21/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 08/21/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 08/21/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 08/21/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 08/21/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/25/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/30/2008
Date Data Arrived at EDR: 07/15/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/15/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/29/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/27/2008
Next Scheduled EDR Contact: 09/22/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 08/25/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 07/15/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/08/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/05/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 04/25/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/21/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/18/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 45

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 06/23/2008
Next Scheduled EDR Contact: 09/22/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/28/2008
Date Data Arrived at EDR: 06/25/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/25/2008
Next Scheduled EDR Contact: 09/22/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/16/2008
Next Scheduled EDR Contact: 09/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 08/11/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/14/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/14/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/08/2008
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 20

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/29/2008
Date Data Arrived at EDR: 07/31/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/31/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 47

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Redediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/25/2008
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/18/2008
Date Data Arrived at EDR: 08/20/2008
Date Made Active in Reports: 09/04/2008
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 08/20/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

US EPA ARCHIVE DOCUMENT

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/20/2008
Date Made Active in Reports: 09/04/2008
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/24/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 07/21/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Semi-Annually

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/09/2008
Date Data Arrived at EDR: 06/11/2008
Date Made Active in Reports: 06/13/2008
Number of Days to Update: 2

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/09/2008
Date Data Arrived at EDR: 06/11/2008
Date Made Active in Reports: 07/14/2008
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

US EPA ARCHIVE DOCUMENT

Date of Government Version: 05/12/2008
Date Data Arrived at EDR: 05/27/2008
Date Made Active in Reports: 06/13/2008
Number of Days to Update: 17

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 08/14/2008
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 06/23/2008
Date Data Arrived at EDR: 06/30/2008
Date Made Active in Reports: 08/18/2008
Number of Days to Update: 49

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: No Update Planned

PEAS: Pollution Emergency Alerting System
Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 07/15/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 07/14/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Quarterly

AUL: Engineering and Institutional Controls
A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 07/28/2008
Date Data Arrived at EDR: 08/04/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 16

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 07/21/2008
Next Scheduled EDR Contact: 09/22/2008
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 05/09/2008
Date Data Arrived at EDR: 05/29/2008
Date Made Active in Reports: 06/13/2008
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 08/11/2008
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

BROWNFIELDS: Brownfields and USTfield Site Database
All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 06/05/2008
Date Data Arrived at EDR: 06/05/2008
Date Made Active in Reports: 06/13/2008
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 09/02/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations
A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations.

Date of Government Version: 05/05/2008
Date Data Arrived at EDR: 05/21/2008
Date Made Active in Reports: 06/13/2008
Number of Days to Update: 23
Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 08/22/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits
General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 07/29/2008
Date Data Arrived at EDR: 07/31/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 20
Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 07/31/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 05/22/2007
Date Data Arrived at EDR: 10/19/2007
Date Made Active in Reports: 11/05/2007
Number of Days to Update: 17
Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 07/18/2008
Next Scheduled EDR Contact: 10/13/2008
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE
A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 06/11/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 07/21/2008
Number of Days to Update: 39
Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/08/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/25/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 07/11/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 28
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 06/16/2008
Date Data Arrived at EDR: 06/16/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 53
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/16/2008
Date Data Arrived at EDR: 06/16/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 53
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 07/11/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 28
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/21/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/21/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

US EPA ARCHIVE DOCUMENT

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 08/08/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 08/28/2008
Date Made Active in Reports: 09/11/2008
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/28/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 06/03/2008
Date Made Active in Reports: 08/07/2008
Number of Days to Update: 65

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/22/2008
Next Scheduled EDR Contact: 10/06/2008
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

US EPA ARCHIVE DOCUMENT

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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US EPA ARCHIVE DOCUMENT

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

100 EAST PATTERSON, TECUMSEH, MI
100 EAST PATTERSON
TECUMSEH, MI 49286

TARGET PROPERTY COORDINATES

Latitude (North):	41.99785 - 41° 59' 52.3''
Longitude (West):	83.94371 - 83° 56' 37.4''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	256182.6
UTM Y (Meters):	4653517.0
Elevation:	802 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41083-H8 TECUMSEH SOUTH, MI
Most Recent Revision:	1972
North Map:	42083-A8 TECUMSEH NORTH, MI
Most Recent Revision:	1975

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

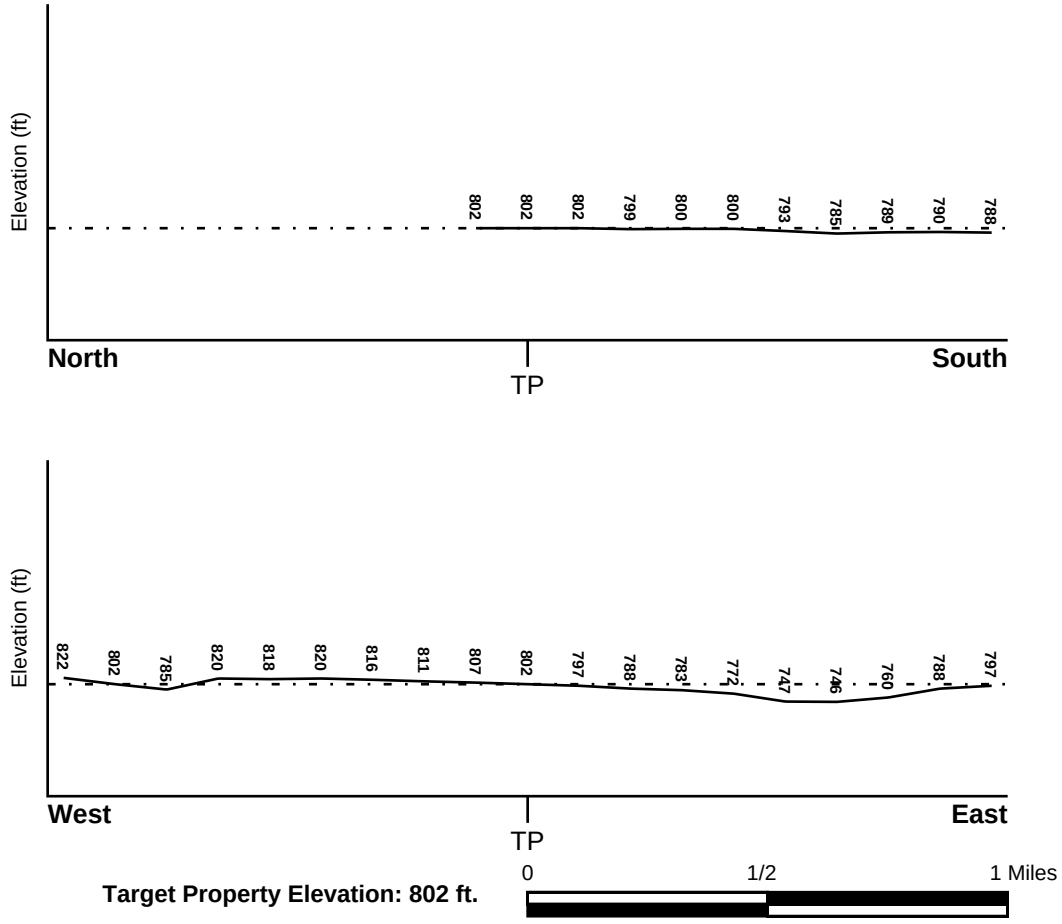
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LENAWEE, MI	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TECUMSEH SOUTH	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B7	1/4 - 1/2 Mile North	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

US EPA ARCHIVE DOCUMENT

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

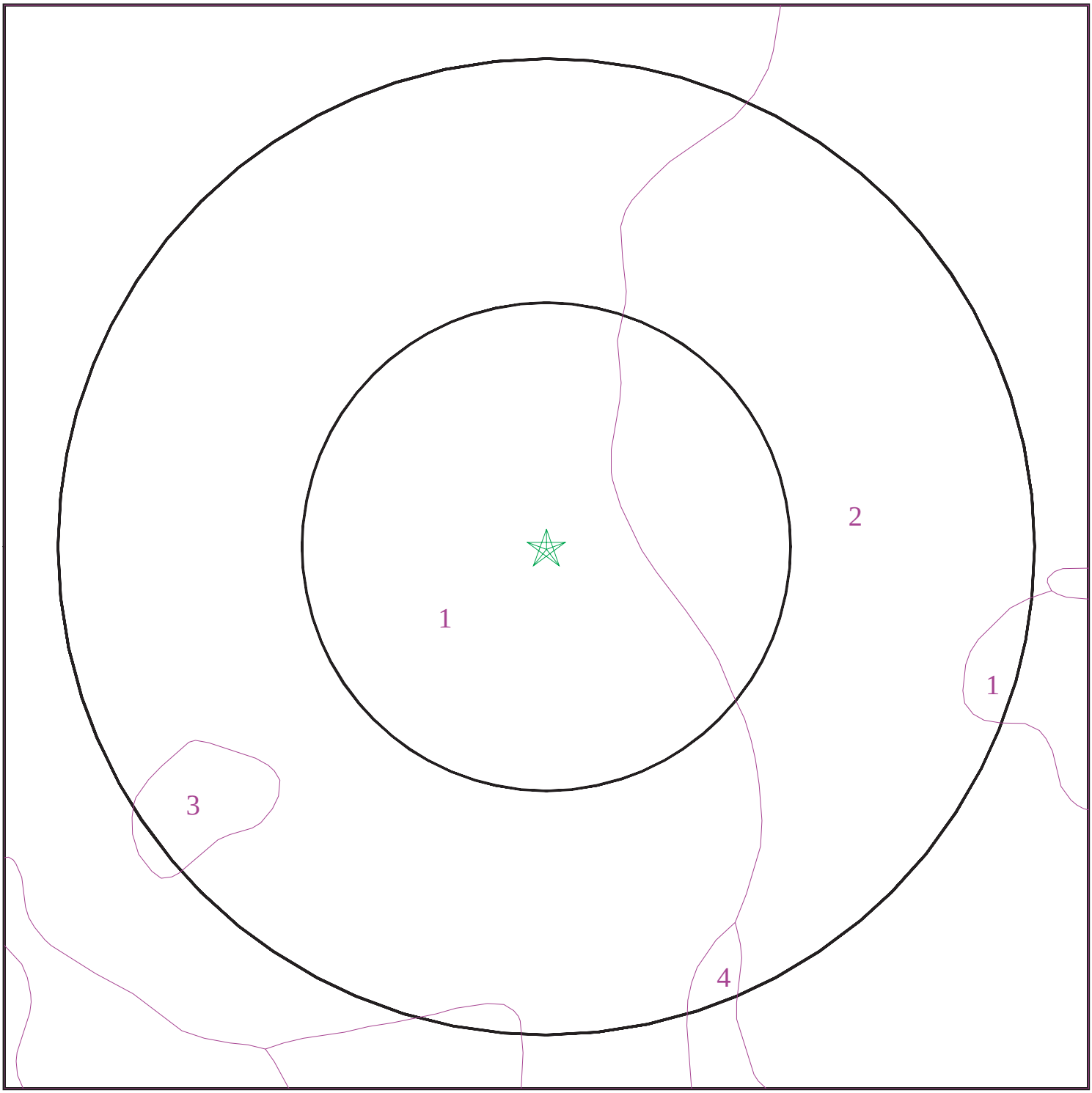
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

US EPA ARCHIVE DOCUMENT

SSURGO SOIL MAP - 2321399.6s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	100 East Patterson, Tecumseh, MI	CLIENT:	Atwell Hicks, Inc.
ADDRESS:	100 East Patterson Tecumseh MI 49286	CONTACT:	Robert Lambdin
LAT/LONG:	41.9978 / 83.9437	INQUIRY #:	2321399.6s
		DATE:	September 18, 2008 2:53 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Fox

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	27 inches	very gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	27 inches	31 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

US EPA ARCHIVE DOCUMENT

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	31 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Brady

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

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US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	35 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: Fox

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	14 inches	31 inches	clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	31 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Fox

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	27 inches	very gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	27 inches	31 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
4	31 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B6	MI0002670	1/4 - 1/2 Mile North

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	MI20159687	1/4 - 1/2 Mile West
A2	MI20159688	1/4 - 1/2 Mile West
A3	MI20159685	1/4 - 1/2 Mile West
A4	MI20159689	1/4 - 1/2 Mile West
A5	MI20159686	1/4 - 1/2 Mile West
8	MI20161863	1/2 - 1 Mile WNW
9	MI20161047	1/2 - 1 Mile SW
10	MI20160647	1/2 - 1 Mile SW
11	MI20160456	1/2 - 1 Mile SE
12	MI20160033	1/2 - 1 Mile SW
13	MI20161865	1/2 - 1 Mile WNW
14	MI20161862	1/2 - 1 Mile WNW
15	MI20161864	1/2 - 1 Mile WSW
C16	MI20161081	1/2 - 1 Mile SW
C17	MI20159952	1/2 - 1 Mile SW
18	MI20160454	1/2 - 1 Mile WSW
19	MI20161590	1/2 - 1 Mile SW

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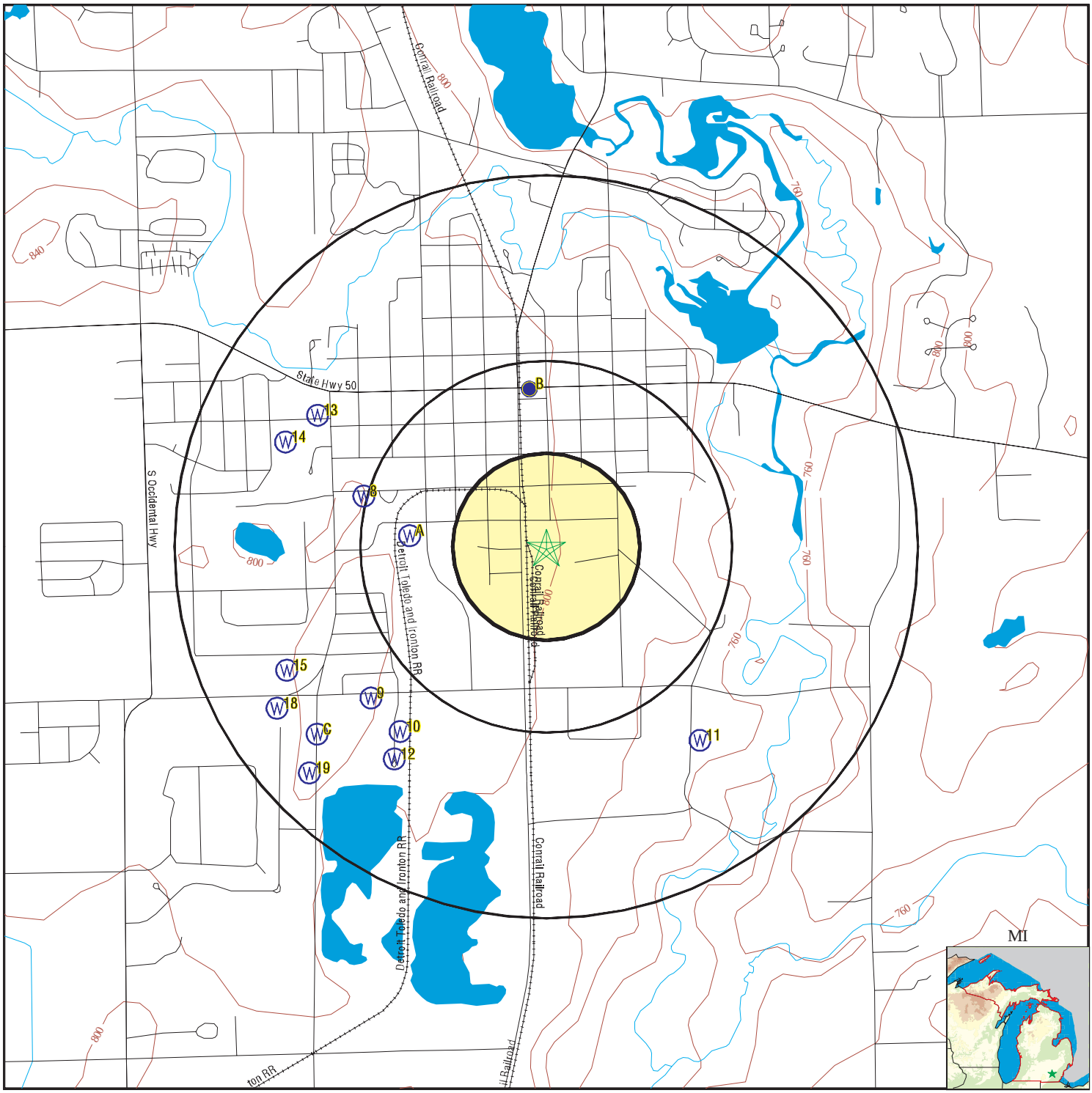
PHYSICAL SETTING SOURCE MAP - 2321399.6s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	100 East Patterson, Tecumseh, MI	CLIENT:	Atwell Hicks, Inc.
ADDRESS:	100 East Patterson Tecumseh MI 49286	CONTACT:	Robert Lambdin
		INQUIRY #:	2321399.6s
LAT/LONG:	41.9978 / 83.9437	DATE:	September 18, 2008 2:53 pm

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **West** **1/4 - 1/2 Mile** **Higher**	**MI WELLS**	**MI20159687**

Wellid:	46000000085	Import id:	46757433303
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #10		
Well depth:	77		
Well type:	TY1PU		
Wssn:	6560		
Well num:	TECUMSEH WELL #10	Driller id:	0
Const date:	1964-04-13 00:00:00.000	Case type:	*U
Case dia:	12		
Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	48.5		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	*U
Grout:	1	Pmp cpcity:	400
Latitude:	41.998157		
Longitude:	-83.950664		
Methd coll:	G5		
Elevation:	818		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	1
Elev miv:	818	Aq code:	D
Aq flag:	Not Reported	Pct aq:	99
Pct aq d:	99	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	1	Pct pcm d:	1
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0

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Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

A2
West
1/4 - 1/2 Mile
Higher

MI WELLS **MI20159688**

Wellid:	46000000086	Import id:	46757433304
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #11		
Well depth:	77		
Well type:	TY1PU		
Wssn:	6560		
Well num:	TECUMSEH WELL #11	Driller id:	0
Const date:	1964-04-13 00:00:00.000	Case type:	*U
Case dia:	12		

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	48.5		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	*U
Grout:	1	Pmp cpcity:	390
Latitude:	41.9986309754		
Longitude:	-83.9507754619		
Methd coll:	I1		
Elevation:	819		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	D
Aq flag:	Not Reported	Pct aq:	99
Pct aq d:	99	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	1	Pct pcm d:	1
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

A3
West
1/4 - 1/2 Mile
Higher

MI WELLS **MI20159685**

Wellid:	46000000083	Import id:	46757433301
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #8		
Well depth:	82		
Well type:	TY1PU		
Wssn:	6560		
Well num:	TECUMSEH WELL #8	Driller id:	0
Const date:	1962-09-28 00:00:00.000	Case type:	*U
Case dia:	16		
Case depth:	72		
Screen frm:	0		
Screen to:	0		
Swl:	49		
Test depth:	59		
Test hours:	1		
Test rate:	1725	Test methd:	*U
Grout:	1	Pmp cpcity:	726
Latitude:	41.998849		
Longitude:	-83.95083		
Methd coll:	G5		
Elevation:	819		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	D
Aq flag:	Not Reported	Pct aq:	96
Pct aq d:	96	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0

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Pct cm d:	0	Pct cm r:	0
Pct pcm:	4	Pct pcm d:	4
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	85
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	15	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

US EPA ARCHIVE DOCUMENT

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A4 West 1/4 - 1/2 Mile Higher	**MI WELLS**	**MI20159689**

Wellid:	46000000087	Import id:	46757433305
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #3		
Well depth:	82		
Well type:	TY1PU		
Wssn:	6560		
Well num:	TECUMSEH WELL #3	Driller id:	0
Const date:	1941-06-28 00:00:00.000	Case type:	*U
Case dia:	14		
Case depth:	63		
Screen frm:	0		
Screen to:	0		
Swl:	40		
Test depth:	58		
Test hours:	1		
Test rate:	1200	Test methd:	*U
Grout:	0	Pmp cpcity:	475
Latitude:	41.99789		
Longitude:	-83.950959		
Methd coll:	G5		
Elevation:	819		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	D
Aq flag:	Not Reported	Pct aq:	96
Pct aq d:	96	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	4
Pct na d:	4	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	85
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	15

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Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

A5
West
1/4 - 1/2 Mile
Higher

MI WELLS **MI20159686**

Wellid:	46000000084	Import id:	46757433302
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #9		
Well depth:	79.5		
Well type:	TY1PU		
Wssn:	6560		
Well num:	TECUMSEH WELL #9	Driller id:	0
Const date:	1962-10-09 00:00:00.000	Case type:	*U
Case dia:	18		

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Case depth:	70		
Screen frm:	0		
Screen to:	0		
Swl:	50.5		
Test depth:	63		
Test hours:	1		
Test rate:	1750	Test methd:	*U
Grout:	1	Pmp cpcity:	800
Latitude:	41.997895		
Longitude:	-83.95096		
Methd coll:	G5		
Elevation:	819		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	D
Aq flag:	Not Reported	Pct aq:	100
Pct aq d:	100	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

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Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

B6
North
1/4 - 1/2 Mile
Higher

FRDS PWS **MI0002670**

PWS ID:	MI0002670	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	GMC INLAND DIVISION-TECUMSEH 1550 OCCIDENTAL HIGHWAY TECUMSEH, MI 49286		
Addressee / Facility:	Not Reported		
Facility Latitude:	42 00 14	Facility Longitude:	083 56 42
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00001000

Violations information not reported.

B7
North
1/4 - 1/2 Mile
Higher

AQUIFLOW **34512**

Site ID:	5-002091
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	9
Date:	01/28/1993

8
WNW
1/2 - 1 Mile
Lower

MI WELLS **MI20161863**

Wellid:	46000003206	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	JEFF HALL		
Well addr:	5300 M-50		
Well depth:	82		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	551
Const date:	1990-05-04 00:00:00.000	Case type:	PVCPLA
Case dia:	5		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	74		
Screen frm:	74		
Screen to:	82		
Swl:	28		
Test depth:	40		
Test hours:	2		
Test rate:	9	Test methd:	*U
Grout:	1	Pmp cpcity:	9
Latitude:	41.9998268		
Longitude:	-83.95323314		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	D
Aq flag:	Not Reported	Pct aq:	26
Pct aq d:	26	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	74
Pct cm d:	74	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	21	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	54	A pct aq2:	39
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	61	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	95	Pct maq 4:	0
Pct cm 4:	5	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	54		
Hcond2:	58.33339		
Vcond2:	.00016		
T2:	3150.0033		
D50plek:	278.897		

9
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20161047**

Wellid:	46000002069	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	MIKE FOWLER		
Well addr:	RUSSELL ROAD		
Well depth:	73		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2002-10-30 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	67		
Screen frm:	67		
Screen to:	73		
Swl:	10		
Test depth:	20		
Test hours:	2		
Test rate:	20	Test methd:	AIR
Grout:	1	Pmp cpcity:	20
Latitude:	41.99195608		
Longitude:	-83.95285908		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	D
Aq flag:	Not Reported	Pct aq:	81
Pct aq d:	81	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19

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Pct cm d:	19	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	63	A pct aq2:	78
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	22	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	55
Pct maq 3:	0	Pct cm 3:	45
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	63		
Hcond2:	77.7778		
Vcond2:	.00045		
T2:	4900.0014		
D50plek:	495.15621		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
10 SW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20160647**

Wellid:	46000001485	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	PAUL HUGHES		
Well addr:	6865 CLOSE DR		
Well depth:	71		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2001-09-25 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	67		
Screen frm:	67		
Screen to:	71		
Swl:	15		
Test depth:	30		
Test hours:	2		
Test rate:	15	Test methd:	AIR
Grout:	1	Pmp cpcity:	10
Latitude:	41.99064776		
Longitude:	-83.9513374		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	D
Aq flag:	Not Reported	Pct aq:	72
Pct aq d:	72	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	28
Pct cm d:	28	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	21	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	56	A pct aq2:	64
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	36	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	50
Pct maq 3:	0	Pct cm 3:	50
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	56		
Hcond2:	64.28575		
Vcond2:	.00028		
T2:	3600.002		
D50plek:	328.34201		

11
SE
1/2 - 1 Mile
Lower

MI WELLS **MI20160456**

Wellid:	46000001232	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	3
Owner name:	RICHARD HYATT		
Well addr:	5711 MILL HWY		
Well depth:	204		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2000-07-10 00:00:00.000	Case type:	PVCPLA
Case dia:	5		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	198		
Screen frm:	198		
Screen to:	204		
Swl:	2		
Test depth:	25		
Test hours:	2		
Test rate:	15	Test methd:	AIR
Grout:	1	Pmp cpcity:	10
Latitude:	41.9903067		
Longitude:	-83.93567801		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	771	Elev dif:	771
Elev miv:	771	Aq code:	D
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	10	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	70
Pct cm d:	70	Pct cm r:	0
Pct pcm:	20	Pct pcm d:	20
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	202	A pct aq2:	9
A pct maq2:	0	A pct pcm2:	20
A pct cm2:	71	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	65
Pct maq 1:	0	Pct cm 1:	35
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	13	Pct maq 8:	0
Pct cm 8:	11	Pct pcm 8:	76
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	202		
Hcond2:	9.11393		
Vcond2:	.00014		
T2:	1841.0143		
D50plek:	626.65085		

12
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20160033**

Wellid:	46000000723	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	Scott Luci		
Well addr:	6822 Close Drive		
Well depth:	70		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1607
Const date:	2001-11-15 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	60		
Screen frm:	60		
Screen to:	70		
Swl:	25		
Test depth:	70		
Test hours:	.5		
Test rate:	30	Test methd:	AIR
Grout:	1	Pmp cpcity:	0
Latitude:	41.98957952		
Longitude:	-83.95164187		
Methd coll:	A1		
Elevation:	807		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	810	Elev dif:	3
Elev miv:	807	Aq code:	D
Aq flag:	Not Reported	Pct aq:	79
Pct aq d:	79	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21

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Pct cm d:	21	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	45	A pct aq2:	67
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	33	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	75
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	45		
Hcond2:	66.6667		
Vcond2:	.0003		
T2:	3000.0015		
D50plek:	221.89053		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
13 WNW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161865**

Wellid:	46000003208	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	SCOTT RILEY		
Well addr:	Not Reported		
Well depth:	81		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	1995-10-04 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	73		
Screen frm:	73		
Screen to:	81		
Swl:	30		
Test depth:	70		
Test hours:	2		
Test rate:	8	Test methd:	TSTPUM
Grout:	1	Pmp cpcity:	8
Latitude:	42.0029765		
Longitude:	-83.95564788		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	D
Aq flag:	Not Reported	Pct aq:	47
Pct aq d:	47	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	25
Pct cm d:	25	Pct cm r:	0
Pct pcm:	28	Pct pcm d:	28
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.100000001490116
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	51	A pct aq2:	16
A pct maq2:	0	A pct pcm2:	45
A pct cm2:	39	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	50
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	35	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	65
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	51		
Hcond2:	16.13729		
Vcond2:	.00025		
T2:	823.002		
D50plek:	73.79474		

14
WNW
1/2 - 1 Mile
Higher

MI WELLS **MI20161862**

Wellid:	46000003205	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	STERLING DEVELOPMENT CO		
Well addr:	Not Reported		
Well depth:	161		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	551
Const date:	1990-07-25 00:00:00.000	Case type:	PVCPLA
Case dia:	5		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	153		
Screen frm:	153		
Screen to:	161		
Swl:	25		
Test depth:	65		
Test hours:	2		
Test rate:	15	Test methd:	*U
Grout:	1	Pmp cpcity:	10
Latitude:	42.00193379		
Longitude:	-83.95732703		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	807	Elev dif:	807
Elev miv:	807	Aq code:	D
Aq flag:	Not Reported	Pct aq:	19
Pct aq d:	19	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	50
Pct cm d:	50	Pct cm r:	0
Pct pcm:	32	Pct pcm d:	32
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	136	A pct aq2:	14
A pct maq2:	0	A pct pcm2:	38
A pct cm2:	49	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	70
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	75	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	25
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	100	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	50	Pct pcm 4:	50
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	20
Pct pcm 5:	80	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	136		
Hcond2:	14.34564		
Vcond2:	.00021		
T2:	1951.0066		
D50plek:	445.77493		

15
WSW **MI WELLS** **MI20161864**
1/2 - 1 Mile
Higher

Wellid:	46000003207	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	QUICK CHANGE OF TECUMSEH		
Well addr:	3349 RUSSELL RD		
Well depth:	57		
Well type:	TY2PU		
Wssn:	0		
Well num:	Not Reported	Driller id:	1940
Const date:	1991-03-22 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	49		
Screen frm:	49		
Screen to:	57		
Swl:	40		
Test depth:	40		
Test hours:	2		
Test rate:	25	Test methd:	*U
Grout:	1	Pmp cpcity:	15
Latitude:	41.99303805		
Longitude:	-83.95726008		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	817	Elev dif:	817
Elev miv:	817	Aq code:	D
Aq flag:	Not Reported	Pct aq:	82
Pct aq d:	82	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0

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Pct cm d:	0	Pct cm r:	0
Pct pcm:	18	Pct pcm d:	18
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	17	A pct aq2:	100
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Water Bearing	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	50	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	17		
Hcond2:	100		
Vcond2:	100		
T2:	1700		
D50plek:	48.8996		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
C16 SW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161081**

Wellid:	46000002115	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	ROD MOORE		
Well addr:	GREEN HWY		
Well depth:	56		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1272
Const date:	2002-12-22 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	51		
Screen frm:	51		
Screen to:	56		
Swl:	44		
Test depth:	50		
Test hours:	1		
Test rate:	12	Test methd:	TSTPUM
Grout:	1	Pmp cpcity:	12
Latitude:	41.99041982		
Longitude:	-83.95533272		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	D
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	32
Pct cm d:	32	Pct cm r:	0
Pct pcm:	20	Pct pcm d:	20
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.200000002980232
A thicknes:	12	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	12	A pct aq2:	100
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	40	Pct na 1:	0

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Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	15
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	12		
Hcond2:	100		
Vcond2:	100		
T2:	1200		
D50plek:	24.81323		

C17
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20159952**

Wellid:	46000000539	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	Mark Withrow		
Well addr:	6900 Green Hwy.		
Well depth:	138		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1593
Const date:	2000-06-05 13:22:25.000	Case type:	PVCPLA
Case dia:	5		

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Case depth:	133		
Screen frm:	133		
Screen to:	138		
Swl:	66		
Test depth:	125		
Test hours:	1		
Test rate:	80	Test methd:	AIR
Grout:	1	Pmp cpcity:	0
Latitude:	41.99067514		
Longitude:	-83.95601102		
Methd coll:	A1		
Elevation:	821		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	820	Elev dif:	1
Elev miv:	821	Aq code:	D
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19
Pct cm d:	19	Pct cm r:	0
Pct pcm:	33	Pct pcm d:	33
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	72	A pct aq2:	13
A pct maq2:	0	A pct pcm2:	64
A pct cm2:	24	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	85
Pct maq 3:	0	Pct cm 3:	15
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	15
Pct pcm 5:	85	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	100
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	72		
Hcond2:	37.50066		
Vcond2:	.00033		
T2:	2700.0477		
D50plek:	321.2319		

18
WSW **MI WELLS** **MI20160454**
1/2 - 1 Mile
Higher

Wellid:	46000001230	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	DAN PIKE		
Well addr:	3481 RUSSELL ROAD		
Well depth:	64		
Well type:	TY3PU		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2000-07-08 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	58		
Screen frm:	58		
Screen to:	64		
Swl:	30		
Test depth:	40		
Test hours:	2		
Test rate:	15	Test methd:	AIR
Grout:	1	Pmp cpcity:	10
Latitude:	41.99155654		
Longitude:	-83.95776875		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	D
Aq flag:	Not Reported	Pct aq:	77
Pct aq d:	77	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	23

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Pct cm d:	23	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	34	A pct aq2:	56
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	44	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	75
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	34		
Hcond2:	55.8824		
Vcond2:	.00023		
T2:	1900.0015		
D50plek:	108.67845		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
19 SW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161590**

Wellid:	46000002834	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	MIKE OSBURN		
Well addr:	GREEN HWY		
Well depth:	127		
Well type:	TESTW		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2003-11-25 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	121		
Screen frm:	121		
Screen to:	127		
Swl:	43		
Test depth:	91		
Test hours:	4		
Test rate:	10	Test methd:	TSTPUM
Grout:	1	Pmp cpcity:	10
Latitude:	41.98903372		
Longitude:	-83.95607732		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	D
Aq flag:	Not Reported	Pct aq:	46
Pct aq d:	46	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	54
Pct cm d:	54	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.100000001490116
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	84	A pct aq2:	19
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	81	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	60
Pct maq 3:	0	Pct cm 3:	40
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	20	Pct maq 6:	0
Pct cm 6:	80	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	84		
Hcond2:	19.0477		
Vcond2:	.00012		
T2:	1600.0068		
D50plek:	228.12638		

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RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	49286	1	1/6/88	2.9	10.8%		
Random	49286	0	2/18/88	8.1	5.8%		
Random	49286	0	10/30/87	9.8	3.8%		
Random	49286	0	5/1/87	13.2	2.9%		
Random	49286	0	4/19/87	16.6	2.6%		
Random	49286	0	11/25/87	21.4	2.0%		
Random	49286	0	12/2/87	69.7	1.5%		
Geographic	49286	1	3/17/88	1.2	22.5%		
Geographic	49286	0	3/16/88	3.2	10.6%		
Geographic	49286	0	3/16/88	5.3	7.9%		
Geographic	49286	0	3/22/88	12.7	3.0%		
Geographic	49286	0	3/21/88	25.7	2.1%		
Geographic	49286	0	3/16/88	25.9	2.5%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
49286		4.40
49286		22.30
49286		22.30
49286		3.10
49286		6.20
49286		4.20
49286		22.70
49286		16.20
49286		3.00
49286		7.60
49286		7.40
49286		12.40
49286		18.50
49286		17.60
49286		5.10
49286		35.50
49286		2.20
49286		8.40
49286		65.40
49286		8.50
49286		6.90
49286		

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RADON

AREA RADON INFORMATION

		2.10
49286		4.80
49286		11.80
49286		7.20
49286		10.90
49286		3.40
49286		9.90
49286		3.70
49286		4.40
49286		6.20
49286		10.40
49286		0.90
49286		6.00
49286		0.80
49286		0.70
49286		7.70
49286		6.20
49286		30.50
49286		27.30
49286		12.50
49286		20.10
49286		4.90
49286		3.30
49286		19.80
49286		3.80
49286		5.10
49286		15.90
49286		15.60
49286		3.50
49286		2.10
49286		11.60
49286	<	0.30
49286		3.80
49286		14.00
49286		12.40
49286		13.00
49286		3.00
49286		2.00
49286		18.80
49286		42.30
49286		31.80
49286		4.80
49286		20.10
49286		1.30
49286		5.60
49286		18.80
49286		15.40
49286		6.10
49286	<	0.30
49286		2.70
49286		24.80
49286		5.40
49286		11.90
49286		2.90
49286		12.30
49286		3.30
49286		

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AREA RADON INFORMATION

		17.70
49286		4.80
49286		4.70
49286		6.80
49286		16.50
49286		11.30
49286		31.10
49286	<	0.30
49286		15.90
49286		25.40
49286		3.40
49286		10.30
49286		6.60
49286		19.90
49286		3.90
49286		4.20
49286		30.50
49286		19.10
49286		2.00
49286		8.00
49286		3.70
49286		7.10
49286		2.20
49286		19.90
49286		0.70
49286		6.90
49286		30.80
49286		18.50
49286		5.50
49286		0.70
49286		3.50
49286		3.70
49286		8.80
49286		10.80
49286		22.10
49286		8.50
49286		9.90
49286		33.50
49286		2.70
49286		6.90
49286		48.40
49286		13.80
49286		14.70
49286		4.00
49286		27.10
49286		15.20
49286		12.30
49286		4.20
49286		0.90
49286		2.70
49286		1.90
49286		10.80
49286		6.80
49286		14.00
49286		5.80
49286		13.30
49286		

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AREA RADON INFORMATION

		8.20
49286		13.00
49286		8.20
49286		4.70
49286		9.00
49286		14.70
49286		2.80
49286		19.60
49286		53.80
49286		33.80
49286		101.70
49286		8.00
49286		6.00
49286		12.00
49286		2.50
49286		19.50
49286		19.40
49286		4.20
49286		4.40
49286		15.10
49286		4.20
49286		9.20
49286		7.40
49286		15.00
49286		4.10
49286		12.40
49286		13.60
49286		7.80
49286		3.20
49286		4.30
49286		0.80
49286		12.10
49286		3.70
49286		11.60
49286		18.80
49286		13.50
49286		2.70
49286		9.10
49286		7.10
49286		9.60
49286		8.70
49286	<	0.30
49286		2.10
49286		1.20
49286		7.90
49286		9.30
49286		6.70
49286		3.10
49286		11.40
49286		28.20
49286		33.50
49286		8.60
49286		3.70
49286		1.60
49286		9.60
49286		11.30
49286		

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AREA RADON INFORMATION

	13.80
49286	6.60
49286	6.50
49286	6.70
49286	17.30
49286	16.30
49286	9.80
49286	17.60
49286	6.90
49286	8.70
49286	11.20
49286	39.30
49286	4.30
49286	16.90
49286	8.70
49286	2.20
49286	10.40
49286	7.50
49286	1.60
49286	18.30
49286	18.60
49286	24.70
49286	2.60
49286	8.00
49286	4.00
49286	15.20
49286	7.70
49286	7.00
49286	5.80
49286	4.80
49286	4.50
49286	4.30
49286	17.30
49286	15.20
49286	10.90
49286	26.60
49286	1.40
49286	18.60
49286	16.00
49286	8.10
49286	2.70
49286	0.70
49286	14.20
49286	2.10
49286	1.70
49286	2.10
49286	9.70
49286	30.00
49286	16.20

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RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LENAWEE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 49286

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	23.133 pCi/L	0%	67%	33%

US EPA ARCHIVE DOCUMENT

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

US EPA ARCHIVE DOCUMENT

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality
Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Appendix H:

Records Documentation

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General Property Information

[Back to Non-Printer Friendly Version] [Send To Printer]

Parcel: 325-0241-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

100 E PATTERSON ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
600 S OTTAWA ST
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$2,351,100
School District:	46140 - TECUMSEH	**Taxable Value:**	$2,252,339
State Equalized Value:	$2,351,100	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	11/25/2002
Date Filed:			
Principal Residence Exemption (2008 May 1):	0.0000 %		
Principal Residence Exemption (2008 Final):	0.0000 %		

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$2,338,500	$2,338,500	$2,201,700
2006	$838,800	$838,800	$838,800

Land Information [collapse]

Acreage:	47.15	**Frontage:**	0.00 Ft.
Zoning Code:	I-1	**Depth:**	0.00 Ft.
Land Value:	$167,800	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

LOT 24 EX E 30 FT ASSESS PLAT NO 6 ALSO LAND DESC AS BEG ON W LI LOT WR ASSESSOR'S PLAT #6 REC AS 57.30 FT S 89D 04M E & 1622.25 FT N 0D 17M E FROM SW COR SEC 34 TH N 0D 17M E 101.45 FT ALG W LI LOT 24 TH N 89D 26M W 25 FT TH S 0D 17M W 101.45 FT TH S 89D 26M E 25 FT TO POB CONT 2536 SQ FT T5S R4E CITY OF TECUMSEH

Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page

Building Information

28 building(s) found.

Description	Floor Area	Yr Built	Est. TCV
Commercial/Industrial Building 1 - *Industrial, Engineering*	1665 Sq. Ft.	0	$103,982

General Information

Floor Area:	1665 Sq. Ft.	**Estimated TCV:**	$103,982
Occupancy:	Industrial, Engineering	**Class:**	S
Stories Above Ground:	1	**Average Story Height:**	14
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Package Heating & Cooling
Physical Percent Good:	72%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	13 yrs.

Commercial/Industrial Building 10 - *Warehouse, Storage*	22476 Sq. Ft.	1938	$60,239

General Information

Floor Area:	22476 Sq. Ft.	**Estimated TCV:**	$60,239
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	1938	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 11 - *Warehouse, Storage*	10800 Sq. Ft.	1950	$19,061

General Information

Floor Area:	10800 Sq. Ft.	**Estimated TCV:**	$19,061
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	14
Basement Wall Height:	N/A		
Year Built:	1950	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 12 - *Warehouse, Storage*	9600 Sq. Ft.	1953	$21,687

General Information

Floor Area:	9600 Sq. Ft.	**Estimated TCV:**	$21,687
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	14
Basement Wall Height:	N/A		
Year Built:	1953	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan

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Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 13 - *Warehouse, Storage*	38430 Sq. Ft.	0	$90,290

General Information

Floor Area:	38430 Sq. Ft.	**Estimated TCV:**	$90,290
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 14 - *Warehouse, Storage*	53840 Sq. Ft.	1940	$126,495

General Information

Floor Area:	53840 Sq. Ft.	**Estimated TCV:**	$126,495
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	1940	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 15 - *Warehouse, Storage*	23504 Sq. Ft.	1946	$55,222

General Information

Floor Area:	23504 Sq. Ft.	**Estimated TCV:**	$55,222
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	1946	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 16 - *Warehouse, Storage*	6400 Sq. Ft.	1946	$11,295

General Information

Floor Area:	6400 Sq. Ft.	**Estimated TCV:**	$11,295
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	14
Basement Wall Height:	N/A		
Year Built:	1946	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 17 - *Office Building*	9300 Sq. Ft.	1908	$45,203

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General Information

Floor Area:	9300 Sq. Ft.	**Estimated TCV:**	$45,203
Occupancy:	Office Building	**Class:**	D,Brick
Stories Above Ground:	2	**Average Story Height:**	12
Basement Wall Height:	N/A		
Year Built:	1908	**Year Remodeled:**	0
Percent Complete:	90%	**Heat:**	Package Heating & Cooling
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 18 - *Office Building*	3480 Sq. Ft.	1908	$8,169

General Information

Floor Area:	3480 Sq. Ft.	**Estimated TCV:**	$8,169
Occupancy:	Office Building	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	10
Basement Wall Height:	N/A		
Year Built:	1908	**Year Remodeled:**	1980
Percent Complete:	100%	**Heat:**	Package Heating & Cooling
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 19 - *Office Building*	3200 Sq. Ft.	1968	$7,907

General Information

Floor Area:	3200 Sq. Ft.	**Estimated TCV:**	$7,907
Occupancy:	Office Building	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	12
Basement Wall Height:	N/A		
Year Built:	1968	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Package Heating & Cooling
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 2 - *Warehouse, Storage*	8800 Sq. Ft.	0	$281,350

General Information

Floor Area:	8800 Sq. Ft.	**Estimated TCV:**	$281,350
Occupancy:	Warehouse, Storage	**Class:**	S
Stories Above Ground:	1	**Average Story Height:**	35
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	72%	**Functional Percent Good:**	100%
Economic Percent Good:	80%	**Effective Age:**	13 yrs.

Commercial/Industrial Building 20 - *Industrial, Light Manufacturing*	30800 Sq. Ft.	1961	$290,546

General Information

Floor Area:	30800 Sq. Ft.	**Estimated TCV:**	$290,546
Occupancy:	Industrial, Light Manufacturing	**Class:**	D,Brick

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Stories Above Ground:	1	**Average Story Height:**	20
Basement Wall Height:	N/A		
Year Built:	1961	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 21 - *Industrial, Light Manufacturing* — 56840 Sq. Ft. — 1994 — $2,496,653

General Information

Floor Area:	56840 Sq. Ft.	**Estimated TCV:**	$2,496,653
Occupancy:	Industrial, Light Manufacturing	**Class:**	B
Stories Above Ground:	1	**Average Story Height:**	18
Basement Wall Height:	N/A		
Year Built:	1994	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Zoned A.C. Warm & Cooled Air
Physical Percent Good:	76%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	12 yrs.

Commercial/Industrial Building 22 - *Office Building* — 4360 Sq. Ft. — 0 — $550,051

General Information

Floor Area:	4360 Sq. Ft.	**Estimated TCV:**	$550,051
Occupancy:	Office Building	**Class:**	C
Stories Above Ground:	1	**Average Story Height:**	8
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Zoned A.C. Warm & Cooled Air
Physical Percent Good:	81%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	7 yrs.

Commercial/Industrial Building 23 - *Warehouse, Storage* — 34400 Sq. Ft. — 0 — $47,847

General Information

Floor Area:	34400 Sq. Ft.	**Estimated TCV:**	$47,847
Occupancy:	Warehouse, Storage	**Class:**	B
Stories Above Ground:	1	**Average Story Height:**	13
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Complete H.V.A.C
Physical Percent Good:	85%	**Functional Percent Good:**	100%
Economic Percent Good:	75%	**Effective Age:**	7 yrs.

Commercial/Industrial Building 24 - *Apartment* — 0 Sq. Ft. — 0 — $0

General Information

Floor Area:	0 Sq. Ft.	**Estimated TCV:**	$0
Occupancy:	Apartment	**Class:**	C
Stories Above Ground:	0	**Average Story Height:**	0
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Electric, Cable or Baseboard

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Physical Percent Good:	89%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	6 yrs.

Commercial/Industrial Building 25 - *Apartment*	0 Sq. Ft.	0	$0

General Information

Floor Area:	0 Sq. Ft.	**Estimated TCV:**	$0
Occupancy:	Apartment	**Class:**	C
Stories Above Ground:	0	**Average Story Height:**	0
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Electric, Cable or Baseboard
Physical Percent Good:	89%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	6 yrs.

Commercial/Industrial Building 26 - *Apartment*	0 Sq. Ft.	0	$0

General Information

Floor Area:	0 Sq. Ft.	**Estimated TCV:**	$0
Occupancy:	Apartment	**Class:**	C
Stories Above Ground:	0	**Average Story Height:**	0
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Electric, Cable or Baseboard
Physical Percent Good:	89%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	6 yrs.

Commercial/Industrial Building 27 - *Apartment*	0 Sq. Ft.	0	$0

General Information

Floor Area:	0 Sq. Ft.	**Estimated TCV:**	$0
Occupancy:	Apartment	**Class:**	C
Stories Above Ground:	0	**Average Story Height:**	0
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Electric, Cable or Baseboard
Physical Percent Good:	89%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	6 yrs.

Commercial/Industrial Building 28 - *Apartment*	0 Sq. Ft.	0	$0

General Information

Floor Area:	0 Sq. Ft.	**Estimated TCV:**	$0
Occupancy:	Apartment	**Class:**	C
Stories Above Ground:	0	**Average Story Height:**	0
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Electric, Cable or Baseboard
Physical Percent Good:	89%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	6 yrs.

Commercial/Industrial Building 3 - *Warehouse, Storage*	19800 Sq. Ft.	1908	$72,419

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General Information

Floor Area:	19800 Sq. Ft.	**Estimated TCV:**	$72,419
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	1908	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	63 yrs.

Commercial/Industrial Building 4 - *Warehouse, Storage* 6400 Sq. Ft. 1940 $27,019

General Information

Floor Area:	6400 Sq. Ft.	**Estimated TCV:**	$27,019
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	14
Basement Wall Height:	N/A		
Year Built:	1940	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 5 - *Warehouse, Storage* 8744 Sq. Ft. 1967 $26,865

General Information

Floor Area:	8744 Sq. Ft.	**Estimated TCV:**	$26,865
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	2	**Average Story Height:**	15
Basement Wall Height:	N/A		
Year Built:	1967	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 6 - *Warehouse, Storage* 8744 Sq. Ft. 1967 $26,865

General Information

Floor Area:	8744 Sq. Ft.	**Estimated TCV:**	$26,865
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	15
Basement Wall Height:	N/A		
Year Built:	1967	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 7 - *Warehouse, Storage* 10260 Sq. Ft. 1967 $29,490

General Information

Floor Area:	10260 Sq. Ft.	**Estimated TCV:**	$29,490
Occupancy:	Warehouse, Storage	**Class:**	D,Brick

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Stories Above Ground:	1	**Average Story Height:**	12
Basement Wall Height:	N/A		
Year Built:	1967	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 8 - *Warehouse, Storage*	6680 Sq. Ft.	0	$17,836

General Information

Floor Area:	6680 Sq. Ft.	**Estimated TCV:**	$17,836
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	16
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

Commercial/Industrial Building 9 - *Warehouse, Storage*	10496 Sq. Ft.	0	$26,835

General Information

Floor Area:	10496 Sq. Ft.	**Estimated TCV:**	$26,835
Occupancy:	Warehouse, Storage	**Class:**	D,Brick
Stories Above Ground:	1	**Average Story Height:**	18
Basement Wall Height:	N/A		
Year Built:	0	**Year Remodeled:**	0
Percent Complete:	100%	**Heat:**	Space Heaters, Gas with Fan
Physical Percent Good:	35%	**Functional Percent Good:**	100%
Economic Percent Good:	100%	**Effective Age:**	65 yrs.

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Image/Sketch for Parcel: 325-0241-00

[Back to Non-Printer Friendly Version] [Send To Printer]

Caption: 325-0241-2.JPG

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Image/Sketch for Parcel: 325-0241-00

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Caption: 325-0241-1.JPG

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General Property Information

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Parcel: 325-0130-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

402 S EVANS ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
600 S OTTAWA ST
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$14,600
School District:	46140 - TECUMSEH	**Taxable Value:**	$7,447
State Equalized Value:	$14,600	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	11/25/2002

Date Filed:
Principal Residence Exemption (2008 May 1): 0.0000 %
Principal Residence Exemption (2008 Final): 0.0000 %

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$14,400	$14,400	$7,280
2006	$14,100	$14,100	$7,021

Land Information [collapse]

Acreage:	0.40	**Frontage:**	0.00 Ft.
Zoning Code:	I-1	**Depth:**	0.00 Ft.
Land Value:	$15,800	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

LOT 13 ASSESS PLAT # 6 CITY OF TECUMSEH

Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page

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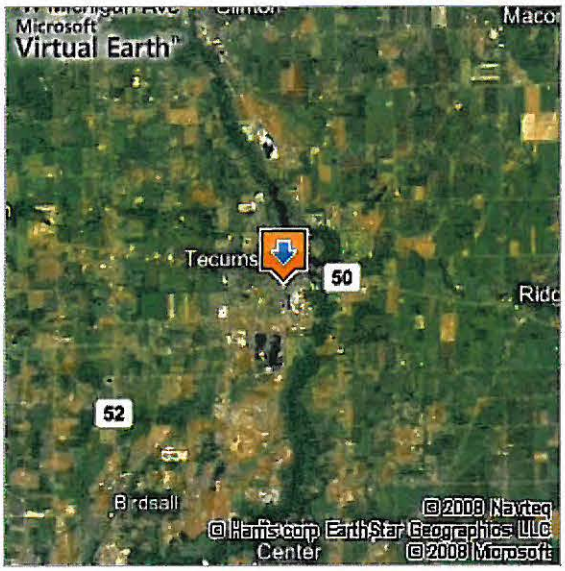
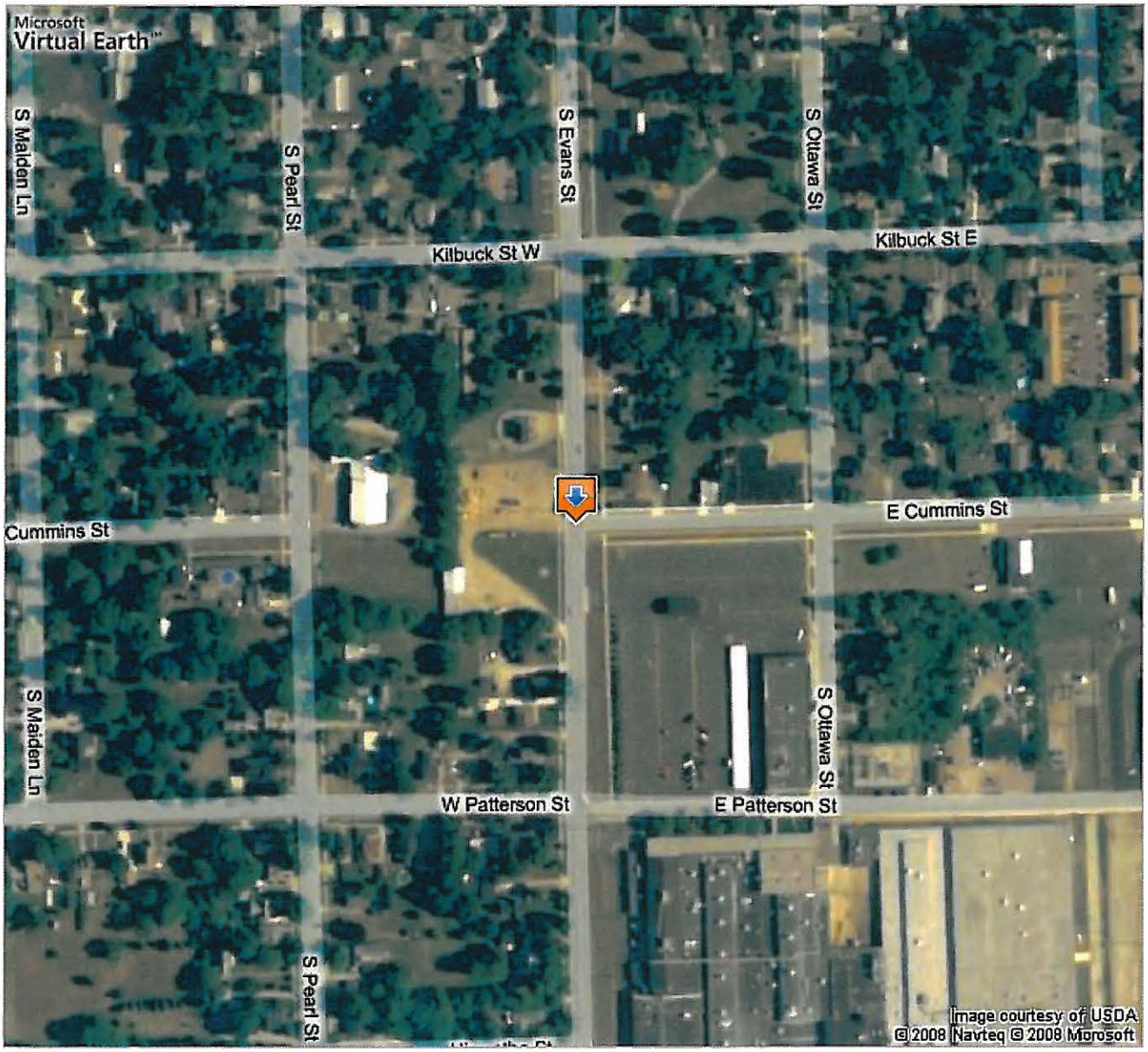
Live Search Maps

402 S Evans St, Tecumseh, MI 49286

My Notes

FREE! Use **Live Search 411** to find movies, businesses & more: **800-CALL-411.**





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Image/Sketch for Parcel: 325-0130-00

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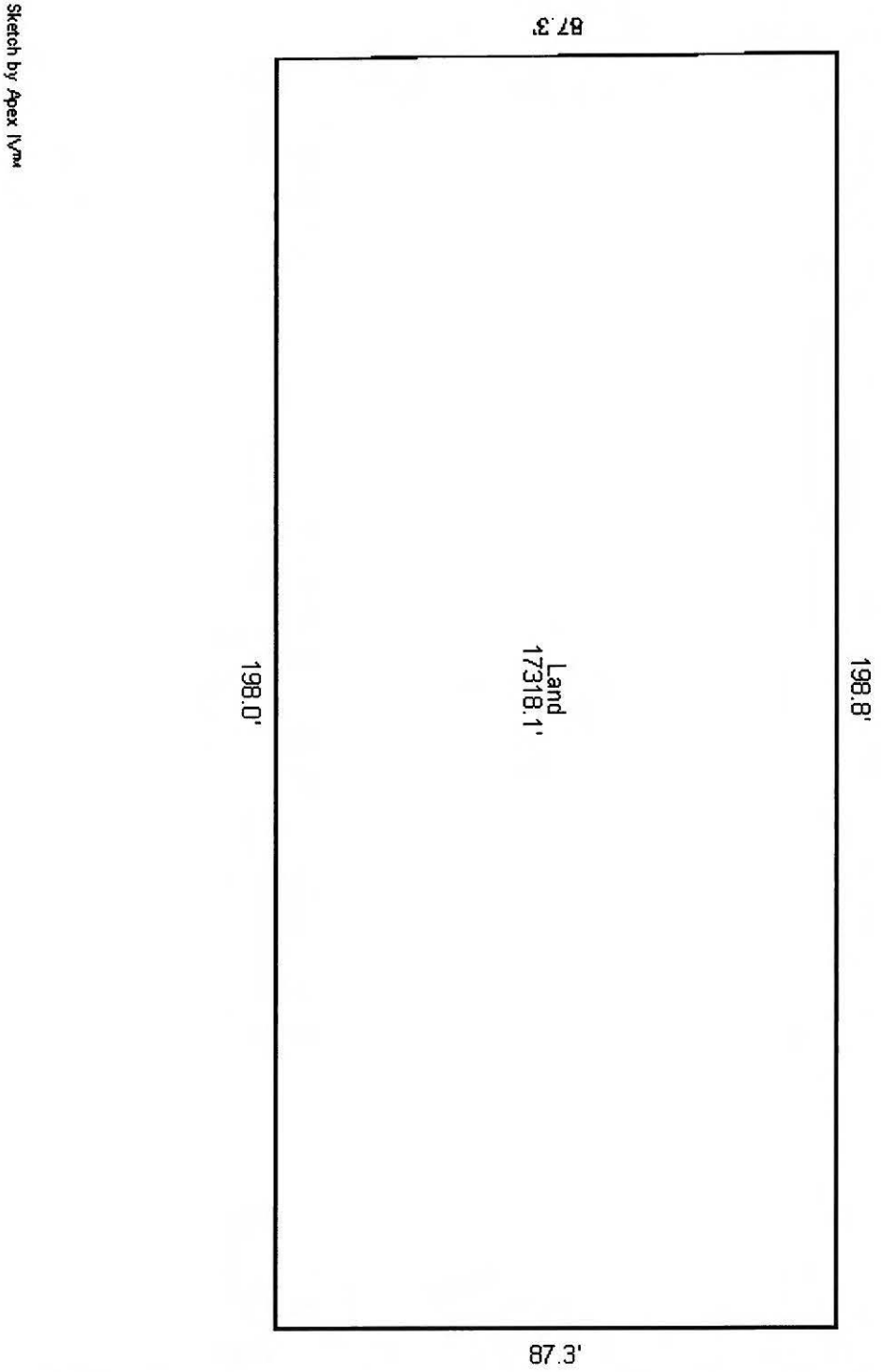
Caption: No caption found



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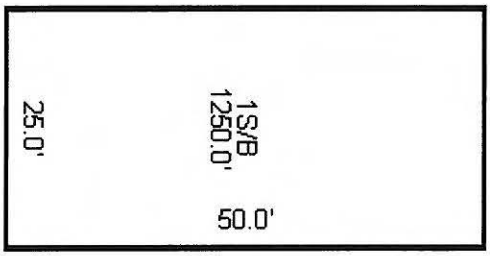
Image/Sketch for Parcel: 325-0130-00

[Back to Non-Printer Friendly Version] [Send To Printer]

Caption: C001

Sketch by Apex IV™



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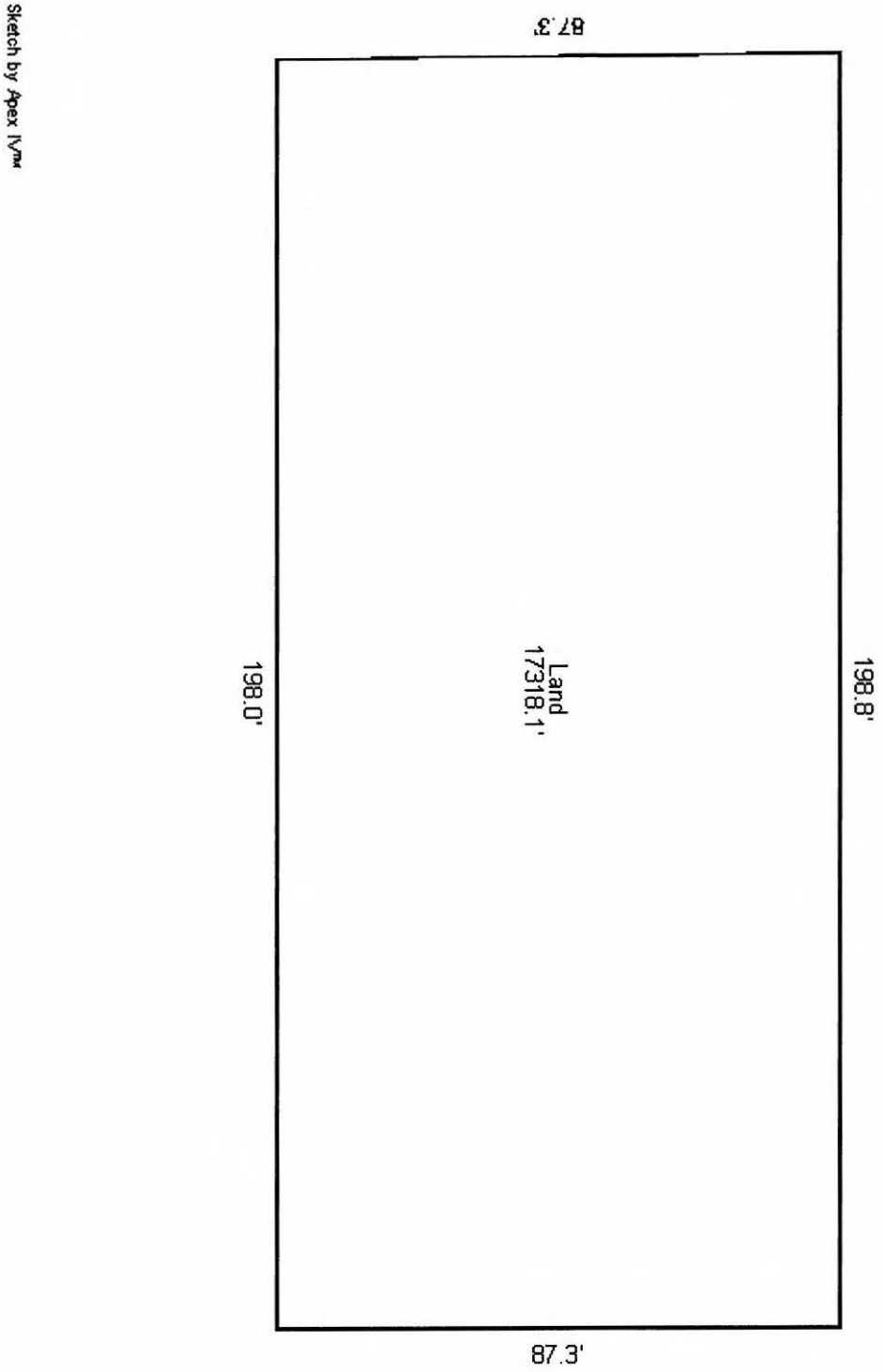
Image/Sketch for Parcel: 325-0130-00

[Back to Non-Printer Friendly Version] [Send To Printer]

Caption: L001



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General Property Information

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Parcel: 325-0140-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

404 S EVANS ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
600 S OTTAWA
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$39,400
School District:	46140 - TECUMSEH	**Taxable Value:**	$39,110
State Equalized Value:	$39,400	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	11/25/2002
Date Filed:			
Principal Residence Exemption (2008 May 1):	0.0000 %		
Principal Residence Exemption (2008 Final):	0.0000 %		

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$40,000	$40,000	$38,231
2006	$38,200	$38,200	$36,867

Land Information [collapse]

Acreage:	2.02	**Frontage:**	0.00 Ft.
Zoning Code:	I-1	**Depth:**	0.00 Ft.
Land Value:	$35,400	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

LOT 14 ASSESS PLAT NO 6 CITY OF TECUMSEH

Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page

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City of Tecumseh
internet services

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Buildings
Images/Sketches

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Current Tax
Animal License

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Click this button to collapse the above menu to the top of the screen.

Main > Assessing > Property and Land Search > Results > Details > Image/Sketch

Image/Sketch for Parcel: 325-0140-00

Printer friendly version

Caption: No caption found

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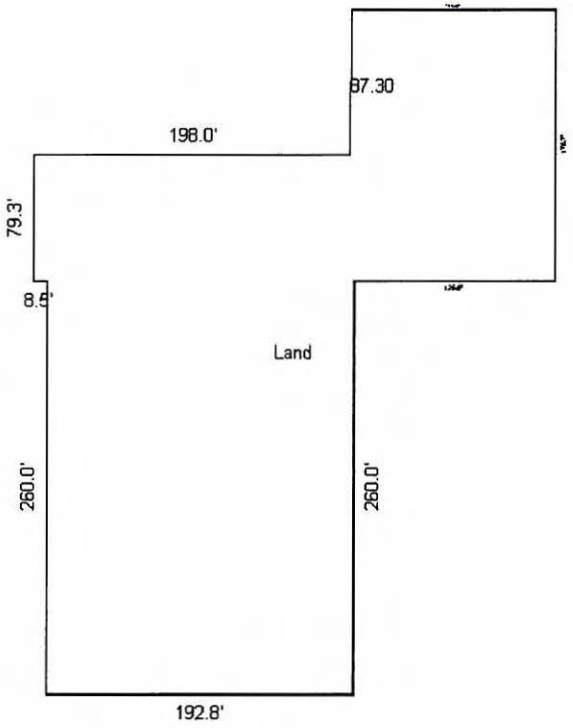

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Image/Sketch for Parcel: 325-0140-00

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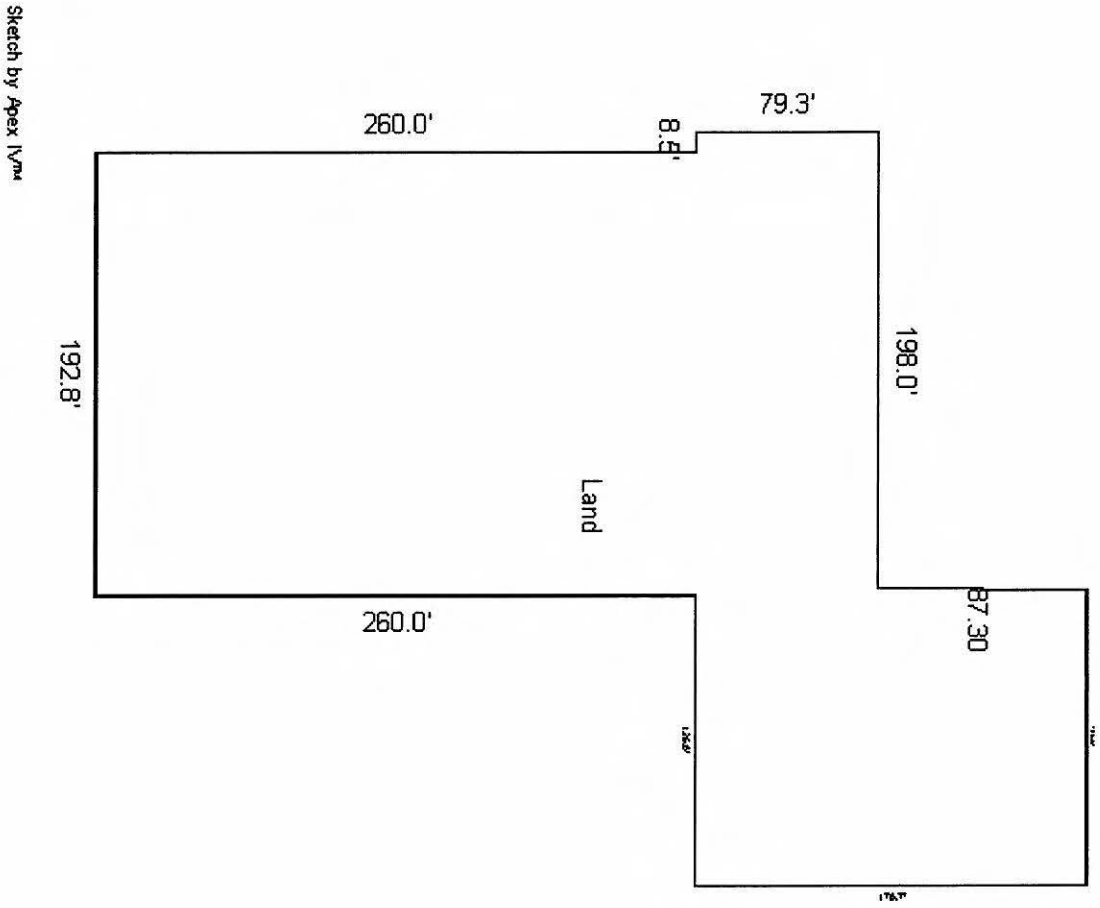
Caption: L001



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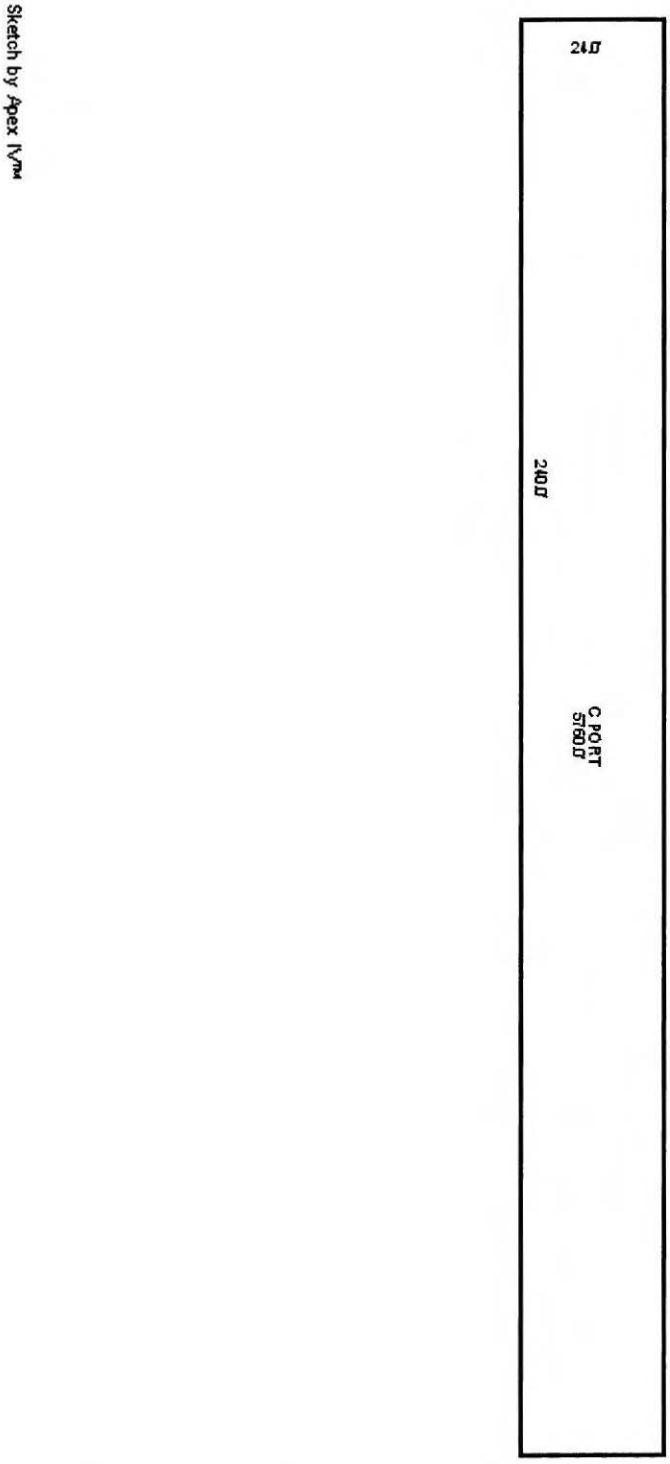
Caption: C001



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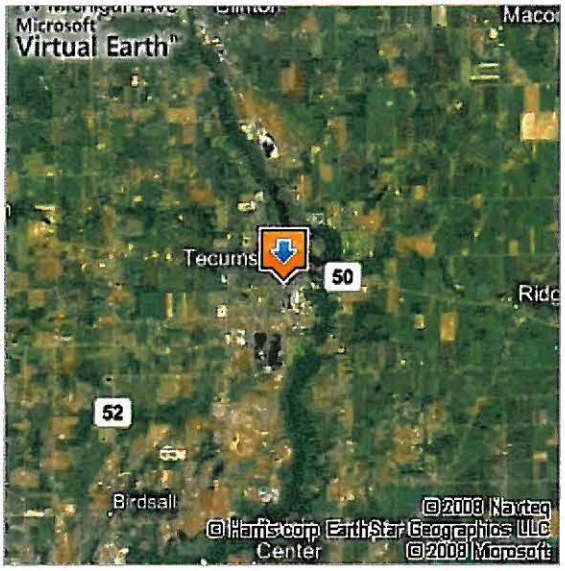
US EPA ARCHIVE DOCUMENT

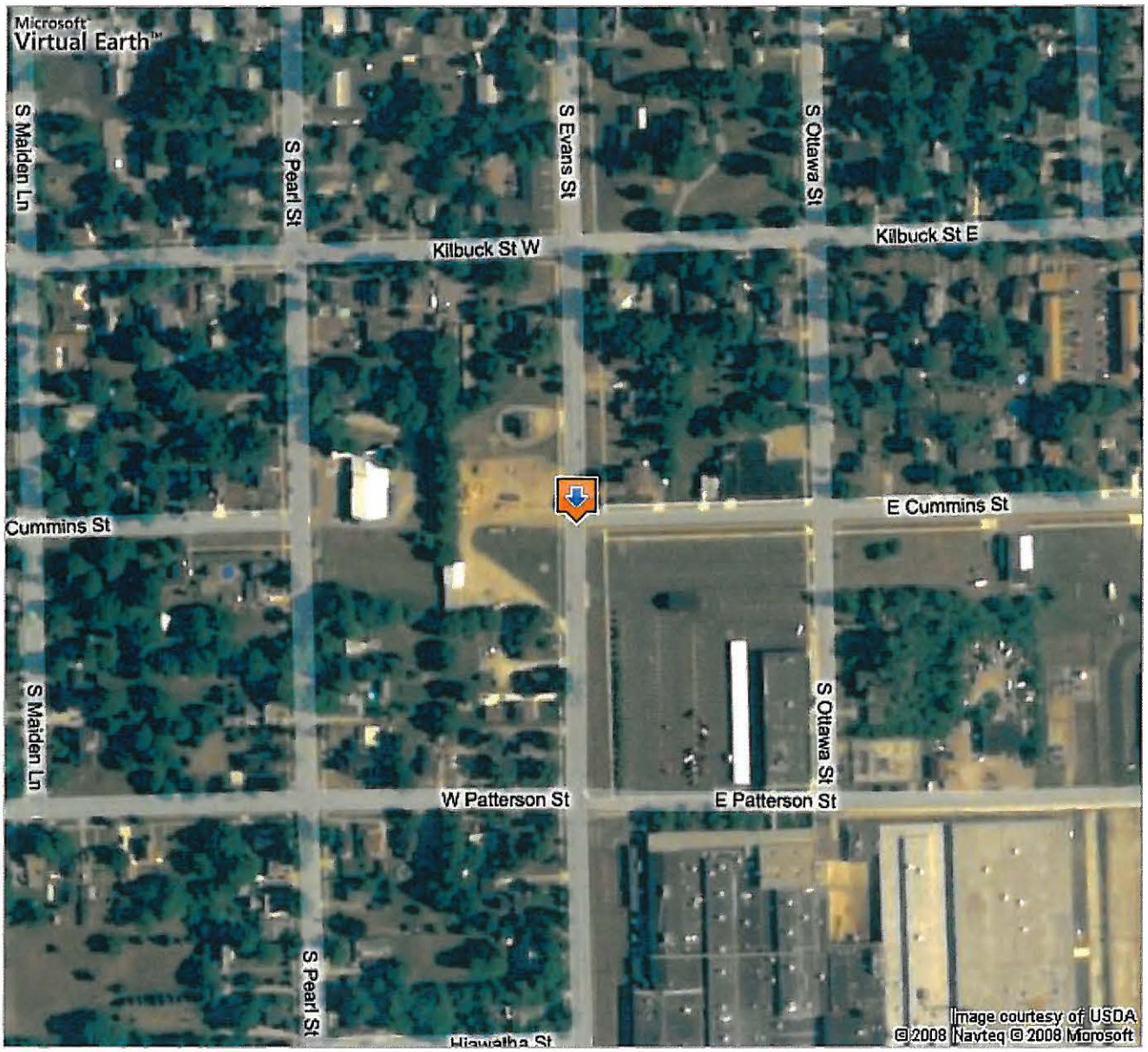
Live Search Maps

404 S Evans St, Tecumseh, MI 49286

My Notes

FREE! Use **Live Search 411** to find movies, businesses & more: **800-CALL-411.**





US EPA ARCHIVE DOCUMENT

General Property Information

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Parcel: 325-0250-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

805 S EVANS ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
100 E. PATTERSON ST.
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$23,400
School District:	46140 - TECUMSEH	**Taxable Value:**	$13,268
State Equalized Value:	$23,400	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	02/14/2006
Date Filed:			
Principal Residence Exemption (2008 May 1):	0.0000 %		
Principal Residence Exemption (2008 Final):	0.0000 %		

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$23,400	$23,400	$12,970
2006	$23,400	$23,400	$12,508

Land Information [collapse]

Acreage:	3.40	**Frontage:**	0.00 Ft.
Zoning Code:	I-1	**Depth:**	0.00 Ft.
Land Value:	$46,800	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

LOT 25 EX S 250 FT OF E 450 FT ALSO EX THAT PART O SW 1/4 SEC 34 DESC AS BEG AT SW COR SD LOT 25 57.36 FT S 89D 4M E & 33 FT N 0D 17M E FROM SW COR SD SEC 34 TH N 0D 17M E 426 FT TH S 89D 04M E 326.97 FT TH S 0D 17M W 176 FT TH N 89D 04M W 120 FT TH S 0D 21M W 250 FT TH N 89D 04 W 206.68 FT TO POB ALSO EXC THAT PRT OF SW 1/4 SEC 34 ALSO BEING PART OF LOT 25 ASSESSOR'S PLAT #6 DESC AS BEG 464.03 FT S 89D 04M E & 283 FT N 0D 21M E TH N 0D 21M E 176 FT TH S 89D 04M E 250 FT TH S 0D 21M W 176 FT TH N 89D 04M W 250 FT TO POB 1.01 ACRES ASSESSOR'S PLAT NO 6 CITY OF TECUMSEH

US EPA ARCHIVE DOCUMENT

Live Search Maps

805 S Evans St, Tecumseh, MI 49286-1858

My Notes

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Image/Sketch for Parcel: 325-0250-00

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Caption: L001

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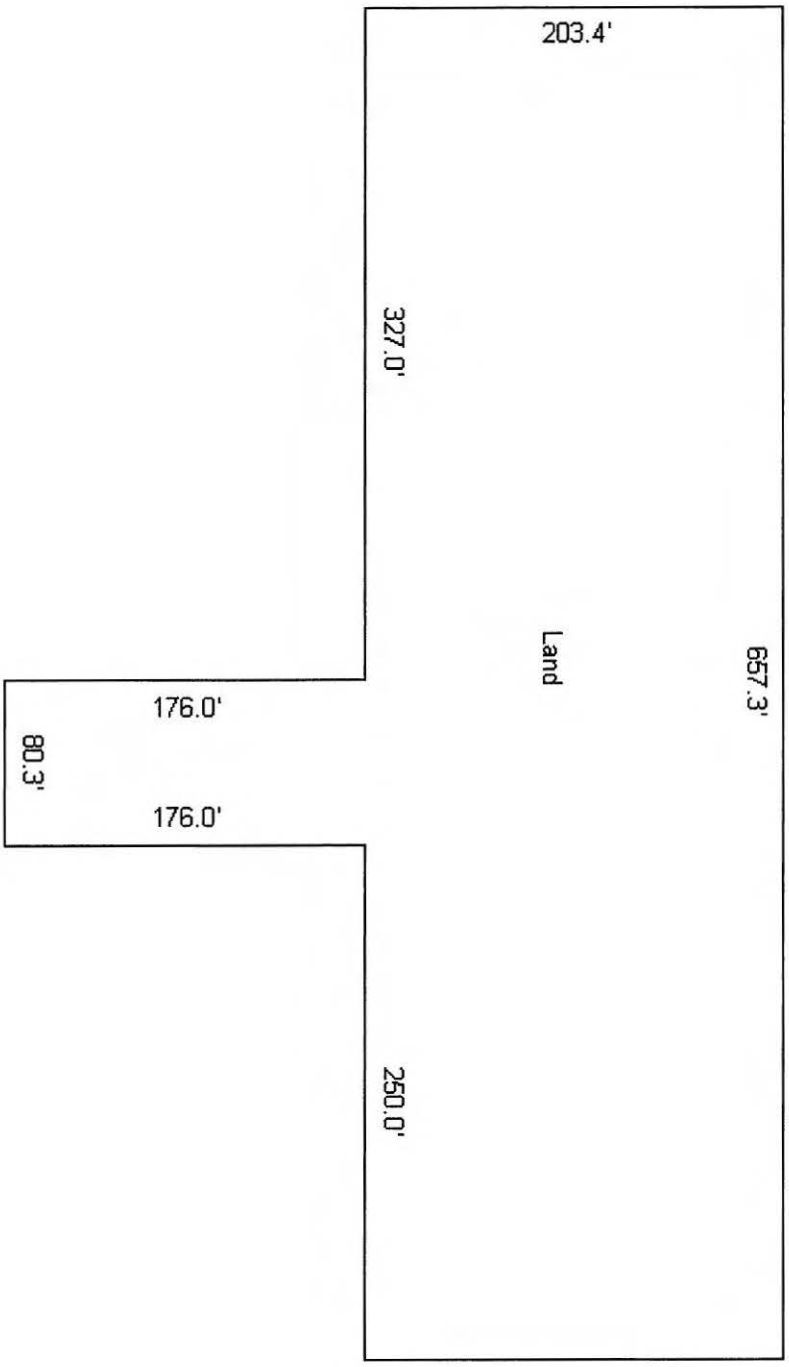

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US EPA ARCHIVE DOCUMENT

General Property Information

[Back to Non-Printer Friendly Version] [Send To Printer]

Parcel: 325-0402-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

420 S MAUMEE ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
100 E PATTERSON ST
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$152,000
School District:	46140 - TECUMSEH	**Taxable Value:**	$152,000
State Equalized Value:	$152,000	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	11/25/2002
Date Filed:			
Principal Residence Exemption (2008 May 1):	0.0000 %		
Principal Residence Exemption (2008 Final):	0.0000 %		

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$151,500	$151,500	$149,060
2006	$150,600	$150,600	$143,742

Land Information [collapse]

Acreage:	5.78	**Frontage:**	0.00 Ft.
Zoning Code:	I-C	**Depth:**	0.00 Ft.
Land Value:	$61,200	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

S 270 FT OF N 457.5 FT OF LOT 40 ASSESS PLAT NO 6 CITY OF TECUMSEH

Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page

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Caption: No caption found

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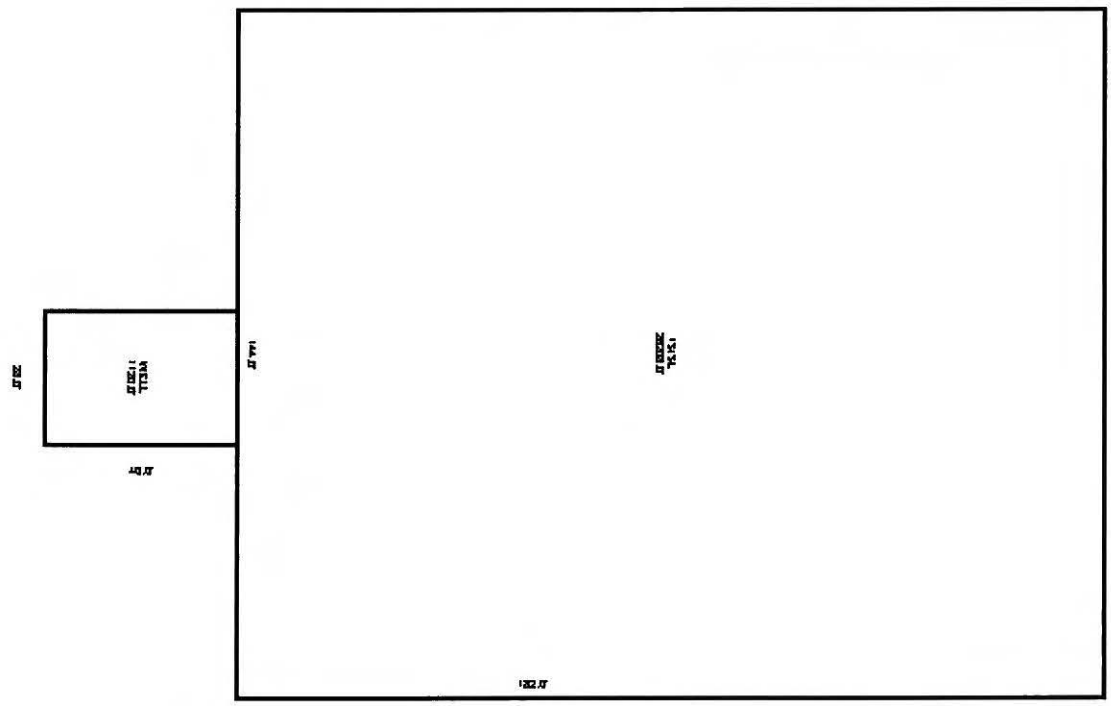

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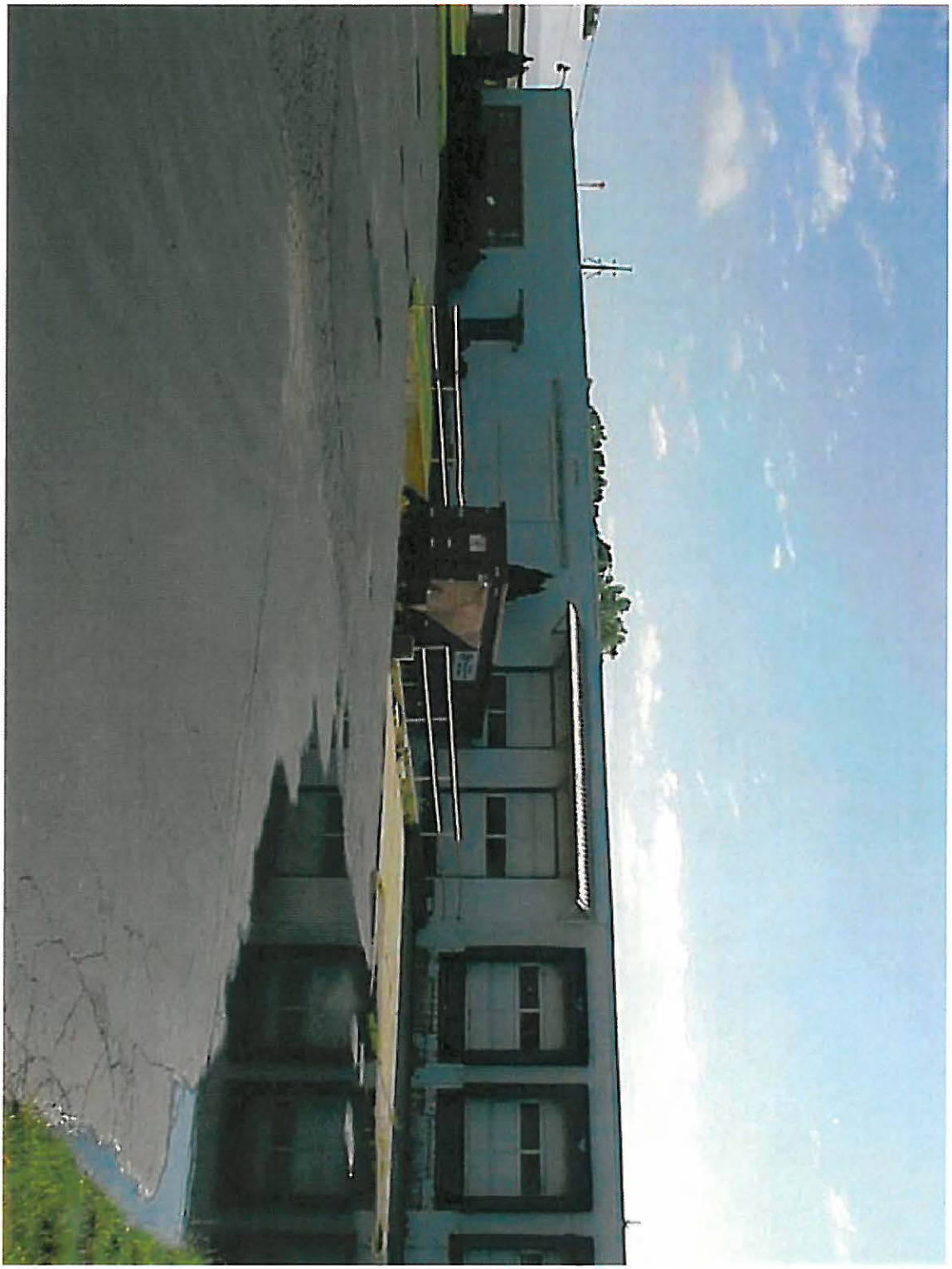
Caption: 325-0402-1.JPG



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City of Tecumseh
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Current Tax
Animal License

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Image/Sketch for Parcel: 325-0402-00

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Caption: 325-0402-2.JPG

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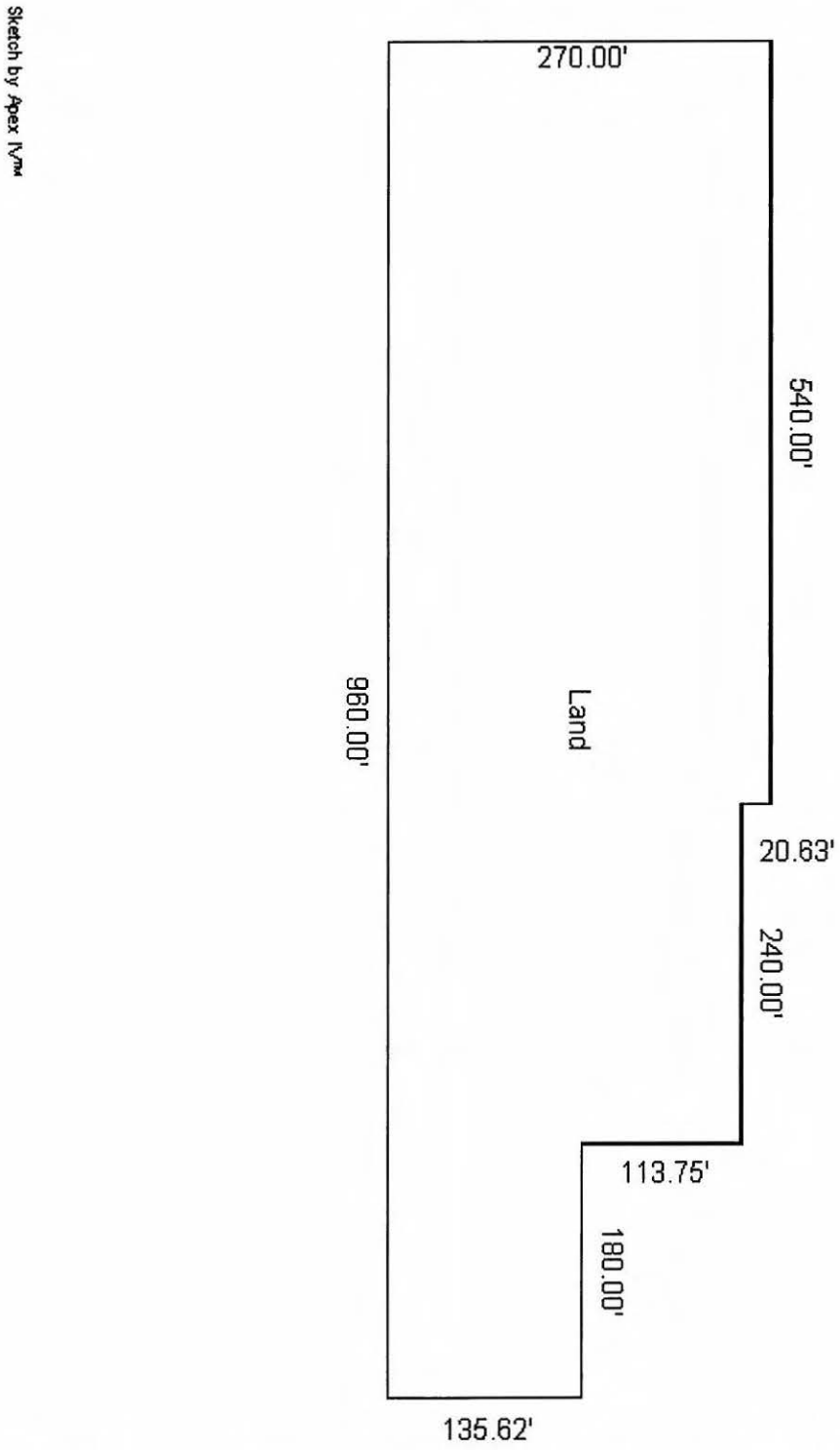
Caption: L001



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General Property Information

[Back to Non-Printer Friendly Version] [Send To Printer]

Parcel: 325-0150-00 **Data Current As Of:** 10:04 PM 10/24/2008

Property Address [collapse]

600 S OTTAWA ST
TECUMSEH, MI 49286

Owner Information [collapse]

TECUMSEH PRODUCTS CO
600 S OTTAWA
TECUMSEH, MI 49286

Unit: XT0

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2008 [collapse]

Property Class:	301	**Assessed Value:**	$274,600
School District:	46140 - TECUMSEH	**Taxable Value:**	$273,754
State Equalized Value:	$274,600	**Map #**	
ACTS/CHGS	0	**Date of Last Name Chg:**	11/25/2002
Date Filed:			
Principal Residence Exemption (2008 May 1):	0.0000 %		
Principal Residence Exemption (2008 Final):	0.0000 %		

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2007	$267,600	$267,600	$267,600
2006	$265,000	$265,000	$264,882

Land Information [collapse]

Acreage:	0.75	**Frontage:**	0.00 Ft.
Zoning Code:	I-1	**Depth:**	0.00 Ft.
Land Value:	$22,400	**Mortgage Code:**	
Land Improvements:	$0	**Lot Dimensions/Comments:**	N/A
Renaissance Zone:	NO		

Legal Information [collapse]

LOT 15 ASSESS PLAT NO 6 CITY OF TECUMSEH

Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page

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Caption: No caption found

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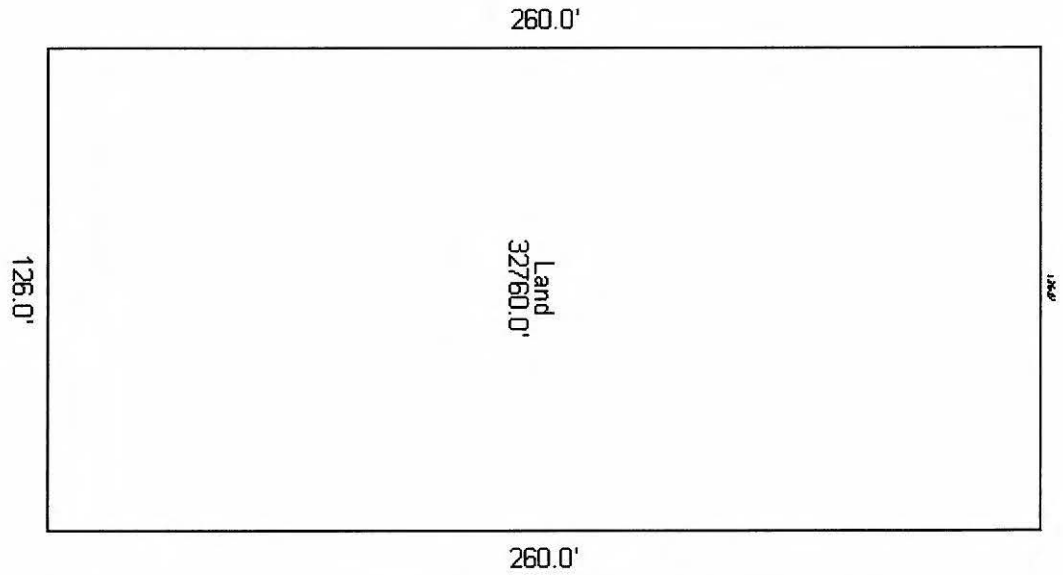

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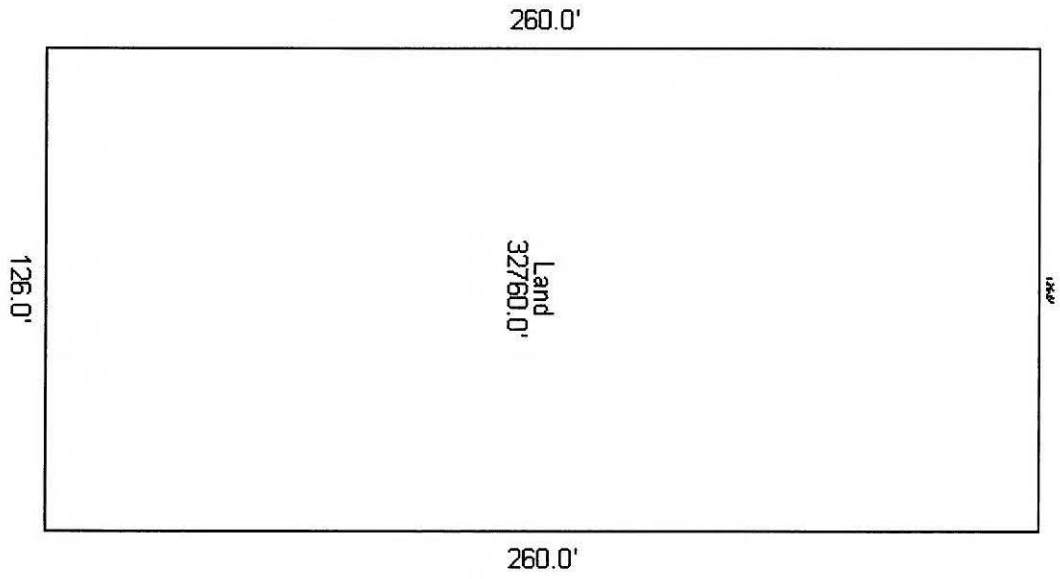
Caption: L001

Sketch by Apex IV™



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US EPA ARCHIVE DOCUMENT

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AG - Above Ground
UG - Under Ground

STORAGE TANK & BULK SYSTEM IDENTIFICATION

5-1-86
TECUMSEH PRODUCTS CO.
TECUMSEH DIVISION
CLAUDE WALKER
GERALD BUTTON

STORAGE TANK #	LOCATION	AG UG	PRODUCT	GALLON CAPACITY	LENGTH & DIAMETER	REMARKS
1	South end of Building "J"	UG	Reclaimed Hydraulic Oil	6,000	16'-1"x8'-0"	Buried under concrete No manhole Removed Aug 1990
2	South end of Building "J"	UG	Etna #25 Hydraulic Oil	6,000	16'-1"x8'-0"	Buried under concrete No manhole Removed Aug 1990
3	South end of Building "J"	UG	Kerosene	1,000	10'-0"x4'-0"	Buried under concrete No manhole Removed Aug 1990
4	South end of Building "J"	UG	Lapping Vehicle Oil	6,000	16'-1"x8'-0"	Buried under concrete No manhole Removed Aug 1990
5	South end of Building "J"	UG	#6 Fuel Oil	14,723	10'-4"x22	Steam Heater Installed 1993 Pumped, Cleaned & Filled with INERT MATERIALS
6	West side of Building "T"	UG	Scrap Oil (Hauled away)	7,500	7' x 26'	Under cement with Manhole Removed Aug 1990
7	Inside Building "T"	AG	Chlorothene			On Old Dock
8	Inside Building "T"	AG	Used Burn Oil - Teardown	2,880	5'-6"x17'	On Old Dock
9-10	Under Building "K-1"	UG	Waste Chemicals Oil Split	20,000	10'-6"x31'	Old fuel oil tank 9-24-93 split into 2-10K Filled with Concrete
11	Under Building "K-1"	UG	Boiler Oil #6	20,000	10'-6"x31'	Abandoned 11-85. Filled with concrete
12	Inside Building "O"	AG	Refrigeration Oil (Light)	12,500	8' x 32'-6"	Old tanks in a heated building
13	Inside Building "O"	AG	Refrigeration Oil (Light)	12,500	8' x 32'-6"	Old tanks in a heated building

UG - Under Ground

STORAGE TANK #	LOCATION	AG UG	PRODUCT	GALLON CAPACITY	LENGTH & DIAMETER	REMARKS
14	Inside Building "O"	AG	Refrigeration Oil (Heavy-HR)	8,000		Automotive Oil New in 1982
15	West Side Building - "Y"	UG	Removed in 1989	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
16	West Side Building - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
17	West Side Building - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
18	West Side Building - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
19	West Side Building - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
20	West Side Building - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
21	West Side Bilding - "Y"	UG	"	6,000	8'x16'-1"	Under slab - Has manhole - Piped into building
22	Between "Y" & "G"- Outdoors	AG	Over flow tank - Oil Towers	500	4'x7'	Oil piped back to boiler burn tank
23	North Side Building "V"	UG	Quench Oil	20,000	10'-6"x31'	Abandoned early '60's. Filled with ? Removed 87
24	East side Bldg."L"	AG	Acid from De-Rust	10,000	Removed 1994	Old beer tank on jacks
25	East of Bldg. "W"	UG	Alcohol	6,000	8'x16'	Cleaned and not in use
26.	South End of Bldg "F"	AG	Refrigeration Oil			Removed 87

US EPA ARCHIVE DOCUMENT

REMEDIATION AND REDEVELOPMENT DIVISION PERFECTED LIEN LIST

The Michigan Department of Environmental Quality (MDEQ), Remediation and Redevelopment Division (RRD) has perfected liens[1] on property pursuant to Section 20138 of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.20101 *et seq*.

The following is a current listing of liens perfected by the RRD on property as of the date that appears on this list. The list will be updated **only** when the RRD has perfected a new lien on a property, or has released a lien from a property. A new date will then appear on the list. *This list does not include any lien(s) that may have been perfected by another MDEQ Division or other entity*. For lien information related to the Waste and Hazardous Materials Division or the Office of Geological Survey, please call 517-335-2690 or 517-241-1515 respectively.

The information provided herein cannot be construed or interpreted as legal verification that a perfected lien does not exist on a particular property, or that an RRD lien is the only perfected lien on a property. To obtain legal verification, you must access official records from the appropriate County Register of Deeds and/or the Michigan Secretary of State when applicable.

[1] Liens that have been recorded with the County Register of Deeds Office where the property is located.

County	*Township*	*City/Vlg*	*Address*	*Other Description*	*Lot No*	*Section*	*Town*	*Range*	*Tax Code*
Alcona		Harrisville	216 S. US23			13	T26N	R9E	
Allegan	Wayland	Wayland Twp.				8	T3N	R11W	03-03N-11-W-08DA
Alpena		Alpena	4709 Long Rapids Rd.	Lake Winyah Shores Sub	Lot 43				
Antrim		Riverview	6235 Crystal Springs Rd.	Supervisor's Plat of Riverview	Lot 1				
Antrim	Milton	Rapid City	12929 Cherry Ave.	Plat of New Highlands	Lot 14				
Arenac		Standish	105 N. Main	Assessor's Plat 5	Lot 370				40-2-500-000-370-00
Baraga	L'anse	L'anse	Winter St.			9	T50N	R33W	
Bay		Bay City	1113 Center Ave.	James Fraser's First Addition	Lots 4&5, Blk 3				
Benzie		Lake Ann Vlg	P.O. Box 62 1st St.		Lots 7 & 9, Blk 28				
Berrien		Watervliet	106 E. St. Joseph St.	Sutherland's Addition	Lot 1, exceptions				
Berrien		Watervliet				2	T3S	R17W	11-21-0002-0015-01-0
Berrien		Watervliet				2	T3S	R17W	11-21-0023-0014-01-6
Berrien		Buchanan		Himes Add	Lot 5				11-58-3150-0005-00-1
Berrien		Buchanan		Himes Add	Lot 5				11-58-3150-0005-001
Calhoun	Marengo	Marshall	1035 East Michigan Ave.			19	T2S	R5W	

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Calhoun		Battle Creek				4	T2S	R8W	13-54-004-048-00
Cass		Dowagiac	111 North Front St.	Patrick Hamilton's Add	Lot 12				
Cheboygan		Cheboygan				29	T38N	R1W	16-053-029-303-002-00
Cheboygan		Cheboygan		J M Pennell's First Add to city	Lot 13, Blk 8				
Chippewa		Dafter	9976 Soo Line Rd.			21	T46N	R1W	
Chippewa	Kinross	Kincheloe				19,20, 29,30	T45N	R1W	008-019-005-00
Delta	Masonville	Rapid River	US2	H.W. Cole's Second Add	Lots 7,8 Blk 11	29	T41N	R21W	21-012-341-007-00 & 21-012-179-021-00 & 21-012-179-020-00
Eaton		Grand Ledge	105 E. Saginaw Hwy	Supervisors Plat #2	Pt of Lot 179				23-400-078-001-790-00 & 791-00 & 791-01
Genesee	Genesee					33	T8N	R7E	R-1006-22
Genesee	Genesee					33	T8N	R7E	R-1006-22
Genesee		Flushing	90 E. Main St.	Assessor's Plat #5	Pt of Lot 98,				
Genesee		Flint	3402 Martin Luther King		Lots 544, 545, & 546				
Genesee		Flint	3402 Martin Luther King or 121 E. Pasadena		Lots 548 & 549				
Genesee		Flint	603 Pingree Ave	Elm Park Sub	Lots 187-195, 196, 230				11-17-352-0187-87
Genesee		Flint	603 Pingree Ave	Elm Park Sub	Lots 187-195, 196, 230				11-17-352-0187-87
Gladwin		Gladwin	420 E. M-61	Woodland Terrace Annex	1,2,3&4 Blk 18	9	T18N	R1E	
Grand Traverse		Traverse City			Gov Lot 3	2	T27N	R11W	28051-102-006-00
Grand Traverse	Blair					7	T26N	R11W	
Hillsdale	Scipio		Mosherville Rd.			10	T5S	R3W	30-02-010-100-011
Ingham		Lansing	3125 MLK Blvd			29	T4N	R2W	33-01-01-29-476-041
Ingham		Lansing	300 North St.	Turner & Smith's Sub of Lot 6 of Townsend Sub.	Lots 1,2, & Pt. 3 of Lot 6				
Isabella		Mt. Pleasant	226 S. Main St.		Lot 1 & Pt 2, Blk 25				

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Kalamazoo		Portage	9008 Portage Rd.	Ames West Lake Pk.	Lots 58,59,60				
Kalamazoo		Kalamazoo	222 E. Mosel			10	T2S	R11W	06-10-140-010, 06-10-185-010
Kalamazoo		Kalamazoo	8011 West D. Ave			21	T1S	R12W	
Kalamazoo	Alamo					26	T1S	R12W	01-26-251-019
Kalamazoo	Wakeshma	Fulton	13995 East W Ave.			16	T4S	R9W	16-16-490-190
Kalamazoo		Vlg. of Vicksburg		Wolverton's Revised Addition		18	T4S	R10W	39-15-18-100-018
Kalamazoo		Kalamazoo	3501 South Burdick St.	Supv Plat of Henry Johnson Plat	Lot A				
Kalkaska	Kalkaska					29	T27N	R7W	
Kalkaska	Kalkaska					29	T27N	R7W	
Kent		Grand Rapids			6,7,8,4,5 + add parcel				41-14-19-330-017
Kent		Wyoming	2539 28th St, SW			9	T6N	R12W	41-17-09-451-013
Kent		Wyoming	2539 28th St, SW			9	T6N	R12W	41-17-09-451-013
Kent	Courtland	Rockford	8413 Meyers Lake Rd.			33	T9N	R10W	
Kent		Grand Rapids	2555 Oak Industrial Drive			22	T7N	R11W	
Kent		Vlg of Sparta	112 N. State St.		Pt of Lot 34, Blk 1	14	T9N	R12W	
Lake	Pleasant Plains		M-37	Pere Marquette Plat	107,108,78,79				43-17N-13W-22BD
Lake	Pleasant Plains		M-37	Pere Marquette Plat	Lot 2052,53,80-83,103-106				
Lake	Pleasant Plains		M-37	Pere Marquette Plat	part of 20,21				
Lapeer	Rich					32	T10N	R10E	44-018-032-029-00
Lapeer	Rich					32	T10N	R10E	44-018-032-029-00
Livingston		Fowlerville	306 E. Grand River	Fowler's First Add	Lot 39 Blk 2				05-11-302-014
Livingston		Brighton		Smith & McPherson Addition	219,220,221	30	T2N	R6E	18-30-300-017
Livingston	Putnam					27	T1N	R4E	14-27-400-002 30147080

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Livingston	Hamburg		10776 Hall Rd			25	T1N	R5E	47-15-25-400-014
Livingston		Brighton		Smith & McPherson Addition	219,220,221	30	T2N	R6E	18-30-300-017
Livingston	Hamburg		10776 Hall Rd			25	T1N	R5E	47-15-25-400-014
Macomb	Shelby				#63,64				07-18-401-005,50-07-593-063-00; 07-18-401-004, 50-07-593-064-00
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-251-002
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-251-002
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
Manistee		Manistee			Part of Gov. Lot 1	11	T21N	R17W	
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montcalm	Bloomer					12	T9N	R5W	59-051-700-040-00
Montcalm	Bloomer					12	T9N	R5W	59-002-012-005-00
Montmorency		Atlanta Vlg	103 State St. Box 615		Lots 5 thru 11, Blk 7				
Muskegon	Moorland		12013 E. Apple Ave			26	T10N	R14W	61-12-026-100-0001-00
Muskegon	Moorland		12013 E. Apple Ave			26	T10N	R14W	61-12-026-100-0001-00
Oakland		Rochester Hills				24	T3N	R11E	15-24-326-008
Oakland	West Bloomfield	West Bloomfield	7055 Cooley Lake Rd.,	Dewey Beach Sub	Lots 371-374, Pt 375-378				18-06-229-033
Oakland	Farmington	Farmington Hills	29024 Grand River	Richland State Sub. Resub of Richland's Gardens Sub	Lots 45-51	36	T1N	R9E	23-36-304-022

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Oakland		Milford	City of Milford			10,11	T2	R7E	16-10-228-003
Oakland	Groveland					12	T5N	R8E	02-12-276-006
Oakland	Waterford		Whitfield Estates		Lot 310				13-08-153-001
Ogemaw	Hill	Lupton	3610 Forest Dr.	Shady Shores Park sub of Gov't Lot 2&3	Pt Lot 1 Blk A, Pt. of Lot 8	8	T23N	R4E	
Osceola		Evart	202 E. Seventh		479				
Osceola	Highland	Marion	18814 M-115			35	T20N	R8W	
Ottawa	Crockery	Vlg of Nunica		Adsit's Add	Lot 3, Blk 3	15	T8N	R15W	70-04-15-430-018 70-04-14-320-002
Ottawa	Tallmadge				Gov't 4	12	T6N	R13W	70-14-12-400-003
Ottawa		Grand Haven		Rycenga's Plat 3	197				70-03-21-415-018
Saginaw	Tittabawassee	Freeland	160 N. Main			16	T13N	R3E	
Saginaw		Chesaning	525 E. Broad St.		Pt of Lot 5, Blk 15	16	T9N	R3E	
Shiawassee		Laingsburg		Week's Add	Lot 1, Blk 3				78-022-42-003-001
Shiawassee		Laingsburg		Week's Add	Lot 1, Blk 3				78-022-42-003-001
Shiawassee	Shiawassee					26	T6N	R3E	
Shiawassee		Owosso	1509 W. Oliver St., City of Owosso			14	T7N	R2E	50-537-000-048-00
Shiawassee		Owosso	210-300 E Monroe St.	A L Williams Second Addition	Blk 1= 9,10,1; Blk 2 = 1-13 AL Williams Second Add				78-010-652-001-004
Shiawassee	Shiawassee					26	T6N	R3E	
Shiawassee		Owosso	1725 Corunna Ave.	A V Johnson's Add	Lots 4,5,11, 12,13 Blk 8				
St. Clair	Clay		3601 Rattray Lane		Lots 1 & 3				74-14-618-0049-000
Tuscola	Wisner	Fairgrove	9006 Bay City Forestville Rd.		Parcel B	29	T14N	R7E	10-01-0004-790-06
Tuscola		Caro		Plat of Centerville (Caro)	1and pt 2 Blk23	3	T12N	R9E	
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0001-000

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0001-000
Wayne		Detroit 48227	14000 Fenkell	Davy's Fenkell Ave Sub	Lots 33-36				
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0008-000
Wayne		Detroit	4445 Lawton aka 4450 Lawton	Plat of RR Concessions, PC 729	41-58, Out Lot 8,				
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0004-000
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0008-000
Wexford		Cadillac		Improvement Board's Add to City of Cadillac	Blk 152,153,154;part 156,157,155				100680000100
Wexford		Cadillac		Outlot 6 Cummer & Hayes Add.	Outlot 6				10-056-00-026-00
Wexford		Cadillac		Improvement Board's Add to City of Cadillac	Blk 152,153,154;part 156,157,155				100680000100

Michigan Applicant

ENVIRONMENTAL SITE ASSESSMENT OF TECUMSEH PRODUCTS COMPANY TECUMSEH, MICHIGAN

Prepared for

Tecumseh Products Company, as Borrower;
Tricap Partners, LLC, as Lender and Administrative Agent;
and Citicorp USA, Inc. as Collateral Agent

Prepared by

ENVIRON International Corporation
Princeton, New Jersey

January 2007
Project No.: 02-17278A

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Appendix B: Environmental Data Base Report
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- C.5: User Questionnaire

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I. INTRODUCTION

A. Objective

ENVIRON International Corporation (ENVIRON) was retained by Tecumseh Products Company ("Tecumseh") to conduct an environmental review of the Tecumseh facility in Tecumseh, Michigan (the "site" or the "facility"). The objective of ENVIRON's environmental review was to identify environmental issues that could represent a material business risk. ENVIRON's Phase I Environmental Site Assessment (ESA) was conducted in conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E-1527-05 (the "ASTM Standard"), to identify Recognized Environmental Conditions (RECs).

Consistent with the Phase I ESA that was previously completed by ENVIRON for the site, the materiality or significance threshold for this assignment was set at $25,000. To help determine the business risk of the identified environmental issues, ENVIRON considered various factors, exercised its judgment, and categorized these issues as follows:

- Material – Confirmed or otherwise demonstrated impairment of environmental media or that typically would require expenditures in excess of the materiality threshold.

- Potentially Material – Suspect impairment of environmental media or potential that has not been confirmed or otherwise demonstrated through appropriate collection of data or technical analysis. Expenditures in excess of the materiality threshold could be required if impairment were to be confirmed.

- Noteworthy – Issues that are not expected to result in expenditures in excess of the materiality threshold.

B. Scope of Work

The environmental review included the following components:

- Visits to the site by Ross Jones of ENVIRON on December 1 and 2, 2005 and December 14, 2006 to visually and physically observe the site and the exterior and interior of any structures located on the site. In addition, ENVIRON visually observed the adjoining

properties from the site or adjacent public thoroughfares. Photographs taken during the December 14, 2006 site visit are presented in Appendix B.

- An interview during the December 1/2, 2005 site visit with John Knapp, Quality/Environmental Systems Manager, and Willard Keith, Gage Crib Supervisor (referred to herein as "facility personnel"). Mr. Knapp was also interviewed during ENVIRON's December 14, 2006 site visit. Mr. Knapp has been employed at the site for two years and Mr. Keith had been employed at the site for 41 years at the time of the 2005 interview. The facility personnel interviewed by ENVIRON were identified by Tecumseh as having good knowledge of the uses and physical characteristics of the site, as well as of regulatory compliance matters. No former site owners/operators or former Tecumseh personnel were interviewed as part of this assessment. Although ENVIRON was not able to interview former owners/operators or former Tecumseh personnel, ENVIRON conducted interviews with current representatives of Tecumseh and relied on the sources of information discussed below regarding historical uses of the property.

- A review of documents provided to ENVIRON by facility personnel, including site maps, environmental permits, waste manifests/off-site waste disposal information, wastewater monitoring data, correspondence with regulatory agencies, and facility-prepared plans and procedures. In addition, ENVIRON relied on information provided in its previous environmental assessment report and was provided with the following environmental assessment report:

  - *Preliminary Assessment/Visual Site Inspection, Tecumseh Products*, prepared by PRC Environmental Management dated May 1993 (the "PA/VSI Report").

- A review of information in federal and state environmental data base records prepared by Environmental Data Resources, Inc. (EDR) for the subject site, as well as properties near the subject site. The radius searched for individual data bases, as well as the data bases themselves, were selected in accordance with the ASTM Standard.[1] A copy of the data base report is included in Appendix B.

  ENVIRON supplemented the EDR report with a review of publicly available regulatory information obtained from the following data bases: 1) the United States Environmental

[1] The ASTM standard uses the terminology "approximate minimum search distance" to refer to the radii searched in the environmental data base report.

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Protection Agency's (USEPA's) Enforcement and Compliance History Online (ECHO) and Envirofacts data bases, which provide information on sites' compliance obligations and enforcement history, respectively.

- A review of physical setting sources, as defined in the ASTM Standard, including:
  - The current USGS 7.5 minute topographic map that shows the area on which the site is located.
  - Geologic, hydrogeologic, or hydrologic sources in the above-listed previous reports or provided by EDR.
- A review of standard historical sources, as defined in the ASTM Standard, provided by EDR to develop a history of the previous uses of the Tecumseh site and surrounding area. Sources of historical information reviewed included:
  - Historic Sanborn insurance maps covering the site location dated 1893, 1899, 1907, 1912, 1922, 1935, 1944, and 1953, provided by EDR.
  - Aerial photographs of the site dated 1940, 1949, 1963, 1970, 1979, and 1992 obtained from EDR.
  - Topographic maps covering the site location dated 1904, 1906, 1967, and 1972 obtained from EDR.
  - A historical map of the City of Tecumseh dated 1888 at the Tecumseh Public Library.
  - An abstract of City Directory information for the facility address prepared by EDR, with listings approximately every five years between 1956 and 2005.
- Telephone interviews with the City of Tecumseh Fire Department and wastewater treatment plant, as well as the Lenawee County Health Department, to evaluate if these local agencies have pertinent information/documentation concerning environmental conditions at the site.

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- A review of the responses provided by Tecumseh to a User Questionnaire consistent with Appendix X3 of the ASTM Standard (Appendix C.5).

C. Limitations and Exceptions

The Phase I ESA component of this review was conducted in accordance with the methodology specified in ASTM Standard E1527-05, as agreed upon by ENVIRON and Tecumseh in December 2006. Issues considered outside the scope of the ASTM Standard and this review include radon, lead-based paint, lead in drinking water, wetlands, cultural and historic resources, ecological resources, endangered species, and high voltage power lines. Any exceptions to or deletions from the ASTM Standard are listed below:

- No past owners or occupants were interviewed as part of this assessment. Although ENVIRON was not able to interview past owners or occupants, ENVIRON conducted interviews with current representatives of Tecumseh regarding historical uses of the property. Based upon ENVIRON's review of information obtained from regulatory agencies and other documents, it is ENVIRON's professional opinion that sufficient information was available regarding past historical uses of the property such that interviews with past owners or occupants would provide duplicative information and would not provide material information regarding the potential for contamination.

- As detailed in Section III.C of this report, although ENVIRON reviewed the standard historical sources that were reasonably ascertainable for the site (a chain-of-title was not provided to ENVIRON for review), ENVIRON was unable to document the historic use of the site property at the required 5-year time interval due to data failure. However, it is ENVIRON's professional opinion that sufficient information was available from the sources reviewed regarding past historical uses of the property. As such, ENVIRON does not consider this failure to represent a significant data gap.

ENVIRON's scope of work for this assignment did not include collecting samples of any environmental media. As such, this review cannot rule out the existence of latent conditions, and is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such conditions.

This Phase I ESA has been prepared exclusively for use by Tecumseh Products Company, Tricap Partners, LLC, Citicorp USA, Inc. and such other persons or entities whose reliance is explicitly authorized in writing by ENVIRON. The report is considered valid only for a period of 180 days from the site inspection. The conclusions presented in this report represent ENVIRON's best professional judgment based upon the information available and conditions

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existing as of the date of the review. In performing its assignment, ENVIRON must rely upon publicly available information, information provided by the client and information provided by third parties. Accordingly, the conclusions in this report are valid only to the extent that the information provided to ENVIRON was accurate and complete. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. ENVIRON makes no representations or warranties, express or implied, about the conditions of the site.

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II. SUMMARY OF CONCLUSIONS

A. Introduction

ENVIRON was retained by Tecumseh Products Company (Tecumseh) to conduct a Phase I ESA of the Tecumseh manufacturing facility in Tecumseh, Michigan (the "site" or the "facility"). The materiality or significance threshold for this assignment was set at $25,000.

B. Material Issues

ENVIRON identified no Material Issues at the site.

C. Potentially Material Issues

ENVIRON identified the following Potentially Material Issues at the site:

- **Potential Impacts from Historic Operations:** Certain historic operations and the long history of industrial activities at the site (over 110 years) indicate a potential for on-site soil or ground water contamination due to chemical and petroleum storage, handling, and disposal practices. Between and late 1800s and 1934, the site was occupied by foundries and a company that made steel wire and woven wire fencing. With the exception of Sanborn maps, which indicate these facilities used paints and oils, no specific information is available concerning the usage of chemicals and petroleum products at these former on-site facilities. In addition, until 2004, Tecumseh's operations were significantly more chemically intensive than current operations, including: a wide range of machining operations and associated coolant transfer, collection and recirculation systems; surface coating/treatment of metal parts; welding; painting; drying; extensive use of refrigeration oils; and use of two TCA vapor degreasers. Hazardous materials used during the previous site activities (e.g., petroleum products, cleaning solvents, and paints) could have adversely affected the soil and ground water at the site.

  10 burns

  While no investigations have been conducted to evaluate potential impacts from historical site operations, the risk that these operations will present a significant concern from a regulatory perspective is mitigated by several factors. First, the operational areas of the site are nearly entirely paved or covered by buildings and there are limited pathways for direct contact to potentially contaminated soils. Second, facility personnel

were unaware of any regulatory scrutiny related to the site. Third, the site and surrounding area is served by a municipal water supply system and the underlying ground water is not used for drinking water purposes. Finally, no evidence of potential environmental concerns (e.g., on-site disposal areas, ponds, or significant staining) was noted during ENVIRON's review of historical sources pertaining to the site.

- **Potential Impacts from Former USTs:** The UST data base searched by EDR indicates that 15 USTs were historically used by the facility for storage of lubricating oils, lap oil, kerosene, used oil, fuel oil, and hazardous substances. The USTs were located immediately west of the central part of the building, were installed between 1946 and 1970, and ranged in size from 6,000 to 20,000 gallons. All of the USTs were closed in July and November 1990. Three of the tks were reportedly abandoned in place and the remaining tanks were removed from the ground. According to an October 25, 1990 letter sent to the Michigan Fire Marshall, the five tanks that were removed in July 1990 were cleaned and inspected; none of the tanks reportedly exhibited evidence of leakage. No other documentation was available concerning removal of the former USTs or any sampling conducted at the time of removal.

  In addition, two 10,000-gallon USTs were located beneath the floor of the former wastewater treatment area and were used to hold untreated wastewater. These tanks were reportedly constructed of stainless steel with a fiberglass lining and were installed in the early 1980s. These tanks were reportedly pumped out and filled with sand in 1990. These tanks do not appear in the UST data base searched by EDR and no documentation exists concerning their removal. Finally, facility records indicate that two additional USTs (a 20,000-gallon quench oil and a 6,000-gallon alcohol UST) were removed in November 1987. These tanks do not appear in the UST data base searched by EDR and no documentation exists concerning their removal. As little documentation is available concerning closure of the former USTs, soil or ground water contamination from historical USTs cannot be ruled out.

- **Potential Impacts from Former Hazardous Waste Storage Areas:** According to facility personnel, hazardous wastes were historically stored in two exterior areas, one near the current cardboard bailing area, and the other just southeast of Area L. The former area reportedly had secondary containment and no longer exists. The latter area was identified as a hazardous waste management unit in the facility's RCRA Part A permit and was removed when the wastewater treatment building was constructed. The 1993 PA/VSI Report identifies several other areas where drums and other containers of

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hazardous waste and hazardous substances were stored, including underground and aboveground wastewater holding tanks, a paint waste accumulation area, and bins that held scrap metal and metal solids. There is no documentation that secondary containment was employed in these areas.

Based on the available documentation reviewed by ENVIRON, it is possible that one of the site's two former RCRA-permitted storage areas (a drum storage pad with secondary containment designated Solid Waste Management Unit [SWMU] 6) was not subjected to RCRA closure and was removed to allow for construction of the wastewater treatment building. According to data bases searched by EDR, the facility is listed as a Treatment, Storage and Disposal Facility (TSDF) with a low priority for corrective action. While information presented in the PA/VSI Report suggests that SWMU 6 had a low potential for releases to the environment, closure of the site's interim status may require completion of a RCRA Facility Investigation (RFI) in the area of former SWMU 6 and potentially at other SWMUs identified in the PA/VSI Report. As no soil or ground water data have been collected in the site's former hazardous waste treatment areas, such characterization activities could be required by regulatory agencies to comply with RCRA requirements.

- **Potential Impacts from Former ASTs:** A 1986 storage tank inventory provided by the facility and the information in the PA/VSI Report indicate that four ASTs were historically present at the site, but no longer exist, including: a 2,800-gallon "used oil burn tank" in Area T (contained oil from compressor tear-downs that was used to fuel the boilers); a 5,000-gallon tank in Area T that contained chloroethene; a 3,500-gallon tank in Area L that held acid from de-rust operations; and a 2,500-gallon spent solvent (TCA) storage tank located near Area K (RCRA-closed in 1982). No information is available concerning any secondary containment used for these former ASTs.

- **Potential Impacts from Sludge Pit, Coolant Collection Pits, Sumps, Floor Trenches, and Floor Drains:** The sludge pit is a sub-floor concrete tank that has been used for an extended period of time for the collection of all facility process wastewater and for the initial removal of solids from the wastewater prior to on-site treatment. Sumps located in the compressor room and compressor room discharge wastewater to the sludge pit. In addition, coolants were historically transferred in concrete floor trenches to other sub-floor concrete pits to allow for separation of metal grindings and recirculation of the coolant. Finally, several floor drains were observed in areas of the main building

formerly used for manufacturing. The floor drains are reportedly connected to the sludge pit via sub-floor piping. Because no formal integrity tests of the pits, trenches, sumps or sub-floor piping have been conducted, ENVIRON cannot rule out the potential for untreated wastewater and petroleum products to have migrated from the pits, trenches, sumps and sub-floor piping and impacted soil or ground water.

D. Noteworthy Issues

During the site visit, ENVIRON identified noteworthy issues that are not likely to result in liabilities or compliance costs in excess of $25,000. While the cost to address these individual noteworthy issues is not expected to exceed $25,000, it is possible that aggregate costs for identified issues could exceed $25,000. Due to the uncertainty associated with future regulatory activity and scrutiny, an accurate estimation of aggregate costs that may be incurred cannot be readily determined. These noteworthy issues include:

- **1992 Spill**: The site is listed in the Emergency Release Notification System (ERNS) as having had a reported release of 200 gallons of oil from overfilling of an aboveground storage tank in 1992. The release reportedly entered a storm sewer outfall. No further documentation is available concerning this spill or any cleanup actions taken by the facility.

- **2003 Spill**: The site is listed in the Michigan Pollution Emergency Alerting System (PEAS) data base as having had a release of compressor oil onto a loading dock in August 2003. The spill was reportedly cleaned up and did not enter the storm sewer system.

- **Corrosion of Floor- Former MIP Area.** ENVIRON observed evidence of corrosion of the concrete floor beneath a former magnesium-iron-phosphate (MIP) coating area, where metal parts were formerly treated with acids and/or caustics. The integrity of the floor beneath the MIP treatment vessels could not be fully inspected. There is a potential that contaminants from the MIP process entered underlying soils through penetrations in the floor caused by corrosive agents.

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III. ENVIRONMENTAL SITE ASSESSMENT

A. Site Setting

Tecumseh assembles refrigeration and air conditioning systems for commercial applications at a facility located at 100 East Patterson Road in Tecumseh, Lenawee County, Michigan (the "site" or the "facility"). Tecumseh owns and operates the facility. The site, situated on an approximately 55-acre parcel, is located is located in the City of Tecumseh, approximately 50 miles southwest of Detroit, Michigan (Figure III-1). The site consists of an approximately 610,000 square foot main building located immediately south of East Patterson Street, which houses production, storage, and corporate office operations. This portion of the site is referred to herein as the South Parcel. Other smaller structures on the South Parcel consist of a wastewater treatment building, an oil storage building, a flammable chemical storage shed, a vehicle garage, a guard house, a shed used for the bailing of cardboard, and various sheds used for storage of old equipment and roll-off containers. Areas of the South Parcel not covered by buildings include paved driveways and loading dock areas, partially paved employee parking lots, a water tower, a smoke stack that receives exhaust from three boilers, former rail spurs and two large unimproved areas covered with grass and gravel.

The site also includes an area located immediately north of East Patterson Street, herein referred to as the North Parcel. The North Parcel contains an office building, a small building used for storage of company files, a carport for company vehicles, and an asphalt-paved parking lot. The site also includes a building used for storage of old equipment located east of the South Parcel on Maumee Street (the "Emerson Building").

Table III-1 provides an overview of physical setting and utility information for the site.

B. Current Use of Site and Adjacent Properties

1. Current Use of Site

Tecumseh employs approximately 180 individuals in the manufacture of refrigeration systems used for such purposes as commercial refrigerators and freezers, vending machines, and commercial air conditioning systems. Based on operations conducted, the facility's Standard Industrial Classification (SIC) code is 3585 (Air Conditioning and Warm Air Heating Equipment and Industrial Refrigeration Equipment). The major operations

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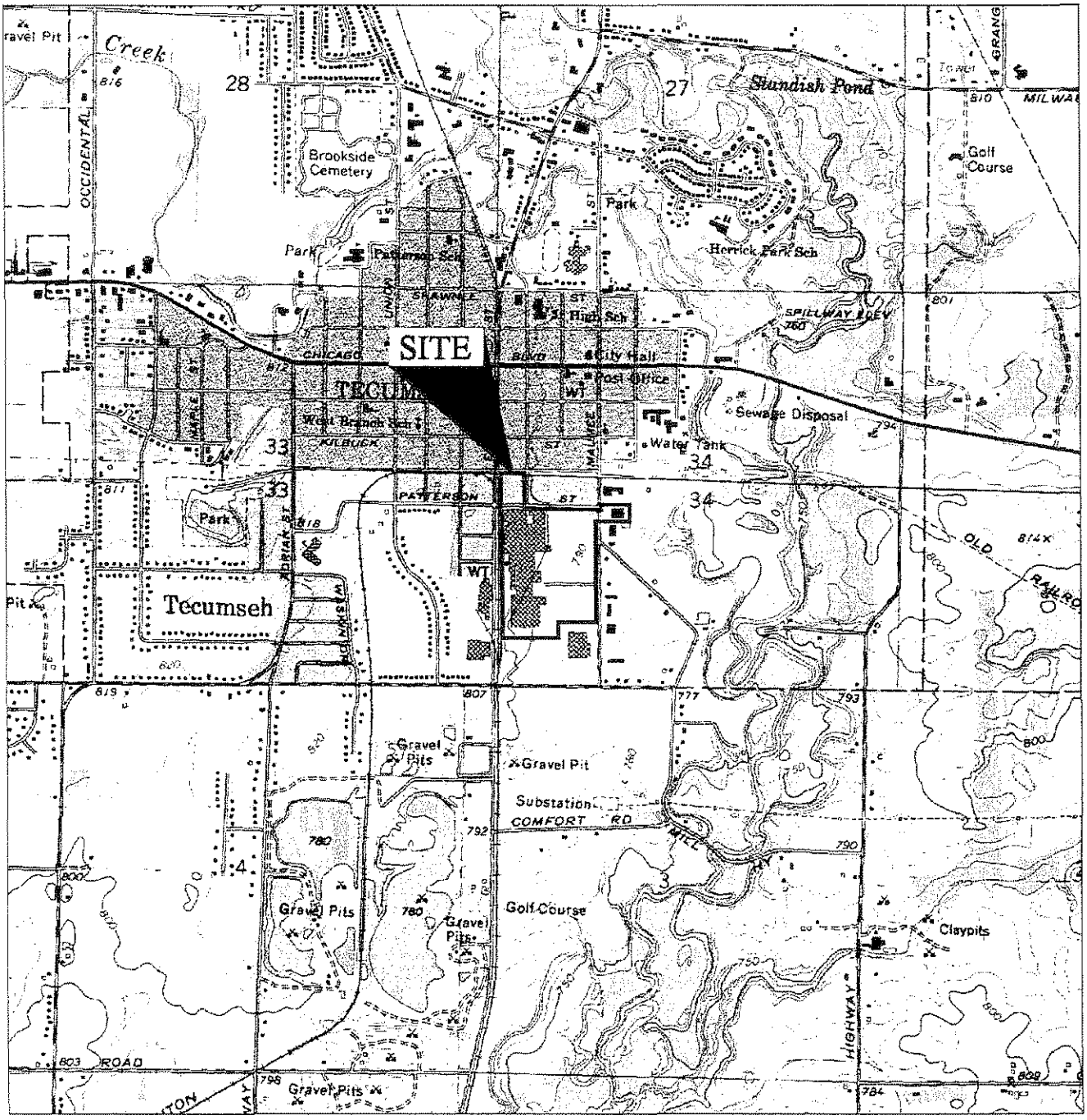

SCALE 1:24000

1 0 1/2 1 MILE

2000 0 2000 4000 6000 FEET

1 0 .5 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SOURCE: U.S.G.S. 7.5 minute series (topographic)
Tecumseh South, Michigan Quadrangle, 1972.
Tecumseh North, Michigan Quadrangle, 1967; Photorevised 1976.

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SITE LOCATION MAP
TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

Figure
III-1

Drafter: APR Date: 12/10/05 Contract Number: 02-15499A Approved: Revised:

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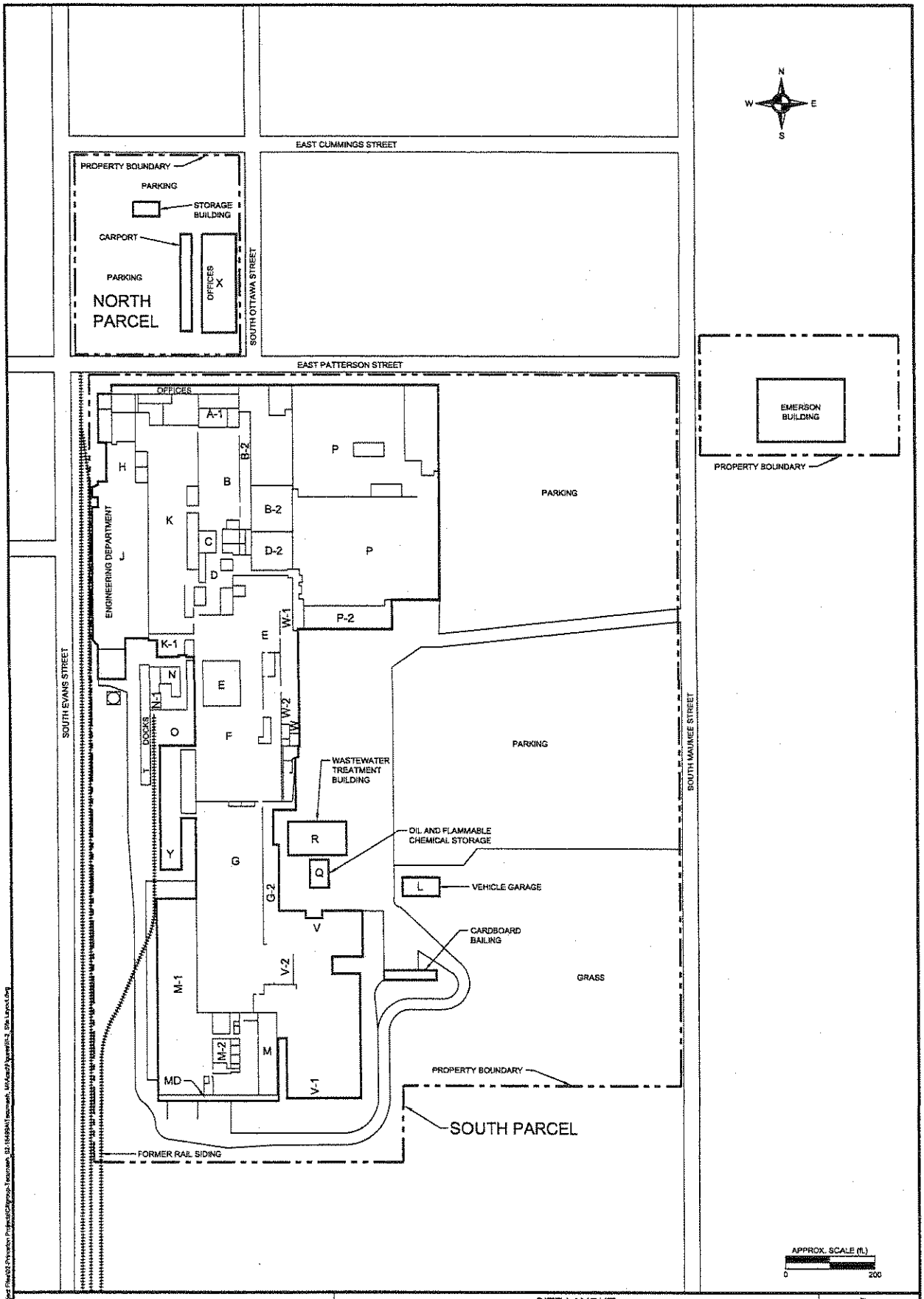

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SITE LAYOUT
TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

Figure
III-2

Drafter: APR/ELS | Date: 12/10/05 | Contract Number: 02-15499A | APPROVED: | REVISED:

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TABLE III-1
Physical Setting and Utility Information for Tecumseh Products Company in Tecumseh, Michigan

Conditions	Source	Description
	Topographic Conditions	
Elevation (above mean sea level)	USGS topographic map (Tecumseh South, Michigan, 1972)	Ranges from 790-805 feet
Topographic Gradient	USGS topographic map; visual observations	Relatively flat, with a gentle downward slope to the west. Regional topography also slopes gently downward to the west.
	Hydrologic Conditions	
Surface Water Runoff	Visual observations	On-site catch basins that are connected to public storm sewers located along East Patterson and Maumee Streets. The storm sewers discharge to River Raisin.
Nearest Surface Water Body	USGS topographic map; visual observations	River Raisin, located approximately 1/8-mile east of the site. River Raisin discharges to Lake Erie, located approximately 35 miles east of the site.
Flood Plain	FEMA*; facility personnel	Not located within 100- or 500-year flood zones. Facility personnel reported no known occurrences of flooding.
Wetlands	NWI*	No on-site federally-designated wetlands
	Geologic and Hydrogeologic Conditions	
Presumed Direction of Shallow Ground Water Flow	USGS topographic map	Based on the topographic gradient, shallow ground water likely flows to the east
Depth to Ground Water	Not available	Information not readily available
On-site Wells	Facility personnel; visual observations	No production or monitoring wells located on site
Nearest Ground Water Supply Wells	EDR data base report	Five municipal water supply wells located approximately 1,500 feet west of site; 12 additional private water wells located within a one-mile radius of the site.
Geologic Conditions	NCCS*	Regional soils are well drained sandy loams with moderate infiltration rates
	Site Utility Information	
Electricity Supplier	Facility personnel	Consumers Energy
Natural Gas Supplier	Facility personnel	Consumers Energy
Use of Fuel Oil	Facility personnel	No current use of fuel oil. No. 6 fuel oil was historically used to produce steam for heating and process uses.
Water Supplier	Facility personnel; city personnel	City of Tecumseh, which obtains its water from municipal water supply wells.
Sanitary Sewer	Facility personnel	City of Tecumseh
Septic Systems	Facility personnel	No current or former septic systems reported

Notes:
FEMA = Federal Emergency Management Agency; NCCS = National Cooperative Soil Survey ; NWI = National Wetlands Inventory
* - Source was provided in the EDR data base report.

conducted at the facility consists of Receiving, Parts Storage, Product Assembly, Packaging, Shipping, and Ancillary Operations, as described in more detail below.

- Receiving and Parts Storage – Components such as compressors, condensers, housings and small parts are received at five loading docks in Area P (the current manufacturing area and former Orbitec area). Raw materials are stored at various locations on the manufacturing area floor (Area P), as well as Areas E and F in the older portion of the building.

- Product Assembly, Packaging and Shipping – Refrigeration systems are assembled in four assembly lines in Area P. The assembly operations consist of the following operations: construction of platforms and attachment of various components using bolts, brazing (soldering) of copper tubing to the compressors, removal of residual flux in a hot water bath, drying of the units using compressed air, addition of fan assemblies, motors and electronics, testing of the motors, tightness testing of the units using compressed helium, and packaging of the units in cardboard boxes. The assembled units are also shipped from loading docks in Area P.

- Cool Product Operations – A division of Tecumseh, Cool Products, conducts warehousing, packaging, and distribution of refrigeration parts and assembled units in the southernmost portion of the building. Cool Products has conducted operations at the site since late 2004. Some, but not all, of the products distributed by Cool Products come from Tecumseh's on-site assembly operations.

- Ancillary Operations – The facility maintains a large Engineering Department, which conducts operations in the western portion of the building (primarily Areas H, J, Y and the Model Shop. The Engineering Department conducts various corporate-level research and development (R&D) activities, as well as quality control testing. The Engineering Department includes physical testing laboratories, climate-controlled chambers for testing products, noise testing facilities, machine/tool shops, and a model shop where prototypes are built. The facility also has a maintenance shop, where various machining equipment used for maintenance is located. A tool shop that formerly supported machining operations that are no longer conducted at the site is located in the northern part of the building, but is no longer used.

Office/administrative functions take place in the northern portion of the main building, as well as in the office building on the North Parcel. The Emerson Building is currently used for

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storage of furniture and equipment, most of which reportedly came from other Tecumseh facilities that had closed.

Significant changes in facility operations have occurred since 1995. In 1994/1995, a large addition to the facility was constructed (Area P) and the manufacture of scroll-type compressors commenced by a Tecumseh subsidiary called Orbitec. Orbitec's scroll compressor manufacturing operations ceased in 1999 and Area P of the building remained empty until 2002, at which time refrigeration system assembly operations were moved to that part of the facility. Prior to August 2004, the facility conducted all manufacturing processes involved in the fabrication of compressors, in addition to the refrigeration system assembly operations that still take place. Historical operations included extensive machining of parts, which was primarily conducted in Areas B and K. Most of the old machining equipment was removed from these areas during 2006. The historical operations were more chemically intensive than current operations, as they involved painting of the compressors (used solvent-based paints prior to the 1980s and water-based paints thereafter), a manganese-iron-phosphate (MIP) etching/surface coating operation, welding, cleaning/de-rusting of parts using acids and petroleum- and water-based cleaning solutions in dip tanks, usage of large amounts of machine coolants, and filling of the units with refrigeration oils. According to the PA/VSI Report, the facility formerly immersed reconditioned motors in mineral spirits and further cleaned the motors using two 1,1,1-trichloroethane (TCA) degreasers. This reportedly resulted in spent mineral spirits waste and solvent distillation sludge containing TCA.

Currently, the primary raw materials used at the site include sheet metal, motors, fans, compressors, condensers, small metal and plastic parts, copper tubing, solder, flux, electrical wire and components, and dyes used to color-code electrical wires. Refrigeration systems on the Complete Refrigeration System (CRS) line are charged with small amounts of refrigerants. Larger quantities of refrigerants are used and reclaimed by the Engineering Department. The Engineering Department also uses various compressor oils. Packaging materials include cardboard boxes, styrofoam, and packaging foam made by combining a two-part diisocyanate formulation. In addition, Tecumseh uses maintenance-related materials, such as oils, greases, a nonhazardous petroleum-based parts washer solvent ("Tech-Solve"), various cleaning products, welding gases, boiler, cooling tower and wastewater treatment chemicals, sanitizers and detergents. According to facility personnel, no chlorinated solvents are currently used at the site.

2. Current Uses of Adjacent Properties

The facility is located in a mixed industrial/commercial/residential land use area. Based on representations by facility personnel, ENVIRON's visual observations from the property boundary and public rights-of-way, and a limited review of publicly available

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information, a general determination of the current use of adjacent properties was developed, as described Table III-2

TABLE III-2
Current Use of Properties Adjacent to Tecumseh Products Company in Tecumseh, Michigan

Direction	Property/Land Use	ENVIRON's Observations*
North	Cummis Street, an unidentified garage-type building, and houses are located immediately north of the North Parcel. Two transformer sub-stations, and several small commercial facilities are located immediately north of the South Parcel and west of the North Parcel.	No apparent exterior manufacturing or storage operations were noted during ENVIRON's reconnaissance.
East	Maumee Street, several small commercial/light industrial facilities, and a few houses are located immediately east of the site.	No apparent exterior manufacturing or storage operations were noted during ENVIRON's reconnaissance.
South	A Tecumseh fire station, a bank, and a home center warehouse (Martin Home Center) are located immediately south of the site.	No apparent exterior manufacturing or storage operations were noted during ENVIRON's reconnaissance.
West	Evans Street, Tecumseh Corrugated Box Company, and houses are located immediately west of the site.	No apparent exterior manufacturing or storage operations were noted during ENVIRON's reconnaissance.

* Observations were made by ENVIRON during the site visit. ENVIRON walked or drove by the borders of these properties that are shared with the subject site. ENVIRON did not enter the neighboring properties and was therefore unable to observe the rear and sides of the properties.

C. Historical Uses of the Site and Adjacent Properties

Based on ENVIRON's review of historical sources of information (Table III-3), the site consisted of farmland (undeveloped woodlands/farmland) until it was first developed for industrial uses in the late 1800s and early 1900s. Prior to Tecumseh's acquisition of the site in 1934, portions of the site had been occupied by the following manufacturing facilities: Tiffany Iron Works (iron foundry); Heesen Brothers and Company (feed cookers, hog rings and hollowware); Carson Foundry and Manufacturing/Bruce Manufacturing (job castings and food cookers); Anthony Fence Company/American Steel and Wire Company (steel wire and woven wire fencing); and H. Brewer Company (concrete mixers and general foundry products). Since 1934, the site has been occupied by various divisions of Tecumseh. According to a newspaper article reviewed at the Tecumseh Public Library, the first products manufactured at the site by Tecumseh included automotive parts, refrigeration systems, small tools, and toys. Numerous additions to the facility were constructed throughout Tecumseh's occupancy of the site. In March 1994, a 94,000 square-foot addition was constructed in the northeastern part of the facility and began to be operated by Orbitec, a subsidiary of Tecumseh that manufactured a newly

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developed scroll-type compressor. As noted above, the scroll compressor manufacturing operations ceased in 1999. Certain equipment that was briefly used in scroll compressor manufacturing is still present in Area P, including a MIP coating line, washers, and a powder paint line.

TABLE III-3
Review of Historical Reference Sources for Tecumseh Products Company in Tecumseh, Michigan

Time Period	Reference Source	Description
1880s	1888 historical map reviewed at Tecumseh Public Library	**Site**: The site is depicted on the historical map as undeveloped farmland. **Surrounding Properties**: Properties south of the site were undeveloped. Some properties north and west of the site contained houses.
1890s	1893 and 1899 Sanborn maps	**Site:** The North Parcel was occupied by the Tiffany Iron Works in 1893 and Heesen Brothers & Company in 1899. Noted features at these facilities included a wood shop, machine shop, engineering department, foundry, a railroad spur, and a coal-fired steam boiler. **Surrounding Properties**: A few houses are shown in the area north and west of the site.
1900s	1907 Sanborn map, 1904/1906 topographic maps	**Site**: The North Parcel was occupied by Heesen brothers, with no notable changes to the foundry layout. The South Parcel contained the Anthony Fence Company Noted features noted include machine shop, fence making machinery, warehouse, a rail spur, and a coal-fired steam boiler. East Patterson Street did not exist in 1907. **Surrounding Properties**: Several houses are depicted in the areas north and west of the site. The 1904/1906 topographic maps do not show any details of the site area.
1910s	1912 Sanborn map	**Site**: The North Parcel was still occupied by Heesen Brothers. A building expansion and new warehouse building had been constructed at the Heesen facility since 1907. The western portion of the South Parcel contained American Steel and Wire Company (formerly Anthony Fence Company). A warehouse area had been added to this facility since 1907. The eastern portion of the South Parcel contained a foundry occupied by H. Brewer Company. Noted features include offices, shipping, storage buildings, a foundry building, a coal storage building, a boiler house, and rail spurs. According to a newspaper article reviewed at the Tecumseh Public Library, the H. Brewer Company facility was constructed in 1908. **Surrounding Properties**: A few houses are shown in areas north and west of the site.

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TABLE III-3
Review of Historical Reference Sources for Tecumseh Products Company in Tecumseh, Michigan

Time Period	Reference Source	Description
1920s	1922 Sanborn map	**Site**: No changes in the occupancy of either parcel. Two new buildings were constructed at the Heesen Brothers facility since 1912. No changes are noted at the H. Brewer or American Steel and Wire facilities. **Surrounding Properties**: A few houses are shown in areas north and west of the site.
1930s	1935 Sanborn map	**Site**: The North Parcel contained the Carson Foundry & Manufacturing Company (no significant physical changes indicated since 1922). The South Parcel was occupied by Tecumseh Products Company. The building layout was the same as depicted on the 1922 Sanborn map (two separate buildings oriented north-south with two rail spurs in-between). Notable features include a finished product warehouse, an oil house, electrical transformers, a coal bin, a pattern building, and flask yard. The Tecumseh facility was bounded by Evans Street to the west, East Patterson Street to the north, and Ottawa Street to the east. **Surrounding Properties**: A few houses are shown in areas north and west of the site.
1940s	1940 aerial photograph, 1944 Sanborn map, 1949 aerial photograph	**Site**: Although the resolution of the 1940 aerial photograph is poor, it appears that the eastern portion of the Tecumseh facility (South Parcel) had been expanded to the south. This expansion is also evident on the 1944 Sanborn map, which indicates the fuels for the facility were "oil and coal". This map also shows a box and case warehouse and a small paint warehouse. The 1949 aerial photograph shows that a portion of the two pre-existing buildings had been connected and a separate building was constructed in the northern part of the South Parcel, east of the former location of Ottawa Street, which is apparent only as a driveway in the Tecumseh facility. This photograph also shows significant southward expansion of the main building. During World War II, the plant reportedly manufactured large-caliber steel shell casings in an area of the building known as the Forge Shop (Area V). The North Parcel was called Bruce Foundry & Manufacturing Company and contained a new foundry building, flask yard, and a heat treating facility, in addition to the features previously noted. **Surrounding Properties**: A few houses are shown in areas north and west of the site. In addition, the Tecumseh Corrugated Box Company facility existed west of the site. All other areas in the vicinity of the site consisted of farmland.
1950s	1953 Sanborn Map	**Site**: The North Parcel still contained the Carson Foundry & Manufacturing Company (no significant physical changes indicated since the 1940s). The North Parcel also contained a small office building (southernmost portion of current Tecumseh office building). The South Parcel appears similar to the layout shown on the 1949 aerial photograph. Noted features include factory buildings, offices, warehouses, testing areas, shipping areas, an oil processing area, service buildings, a forge shop, a paint warehouse, an oil house, and a waste paper bailing structure. The facility's fuel was "oil". **Surrounding Properties**: A few houses are shown in areas north and west of the site.

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TABLE III-3
Review of Historical Reference Sources for Tecumseh Products Company in Tecumseh, Michigan

Time Period	Reference Source	Description
1960s	1963 aerial photograph	**Site**: The 1963 aerial photograph shows the facility generally as it was depicted on the 1953 Sanborn map. A 1968 City Directory listing indicates the facility was occupied by Tecumseh Products Company. The Bruce Foundry buildings were still present on the North Parcel. **Surrounding Properties**: Houses and two buildings occupied by Tecumseh Corrugated Box Company were located west of the site. The current Martin Home Center building existed south of the site. A few small commercial buildings existed east of the site. In addition to Tecumseh, Johnny & Bill's Cities Service is listed in the City Directory abstract at 211 East Patterson Street.
1970s	1970 and 1979 aerial photographs, 1972 topographic map	**Site**: The aerial photographs show further building expansions in the southern portion of the South Parcel. On the North Parcel, the Bruce Foundry buildings appear to have been demolished between 1963 and 1970 and those areas were being used for parking (as they were at the time of ENVIRON's site visit). The 1972 topographic map shows the facility as it appeared on the 1970 aerial photograph. A 1973 City Directory listing indicates the facility was occupied by Tecumseh Products Company. **Surrounding Properties**: The aerial photographs show continued commercial development in the area of the site. In addition to Tecumseh, Sussex Brothers Service Center was listed in the City Directory abstract at 211 East Patterson Street.
1980s	1980 and 1985 City Directories	**Site**: City Directory listings continue to show the site was occupied by Tecumseh Products Company. **Surrounding Properties**: In addition to Tecumseh, properties on East Patterson Street listed in City Directories include Tecumseh Auto Sales (105) and S.H. Couch (223).
1990s	1992 aerial photograph, 1990 and 1995 City Directories	**Site**: The 1992 aerial photograph shows that, with the exception of the 1994 Orbitec building addition, the site appeared generally as it did at the time of ENVIRON's site visit. City Directory listings continue to show the site was occupied by Tecumseh Products Company. **Surrounding Properties**: In addition to Tecumseh, properties on East Patterson Street listed in City Directories include Barron's Service/Allied Disc Tires (211) and Standard Electric Time (235).

Notes:
The site address was not listed in City Directory abstracts dated 1956 and 1962.

Based on ENVIRON's review of the historical sources, both the North Parcel and South Parcel of the site were used for a variety of industrial purposes prior to Tecumseh's acquisition of the site in 1934. However, with the exception of the likely usage of fuel oil in on-site boilers during the 1940s and 1950s and possibly later, no specific features of potential environmental concern were identified from ENVIRON's review of historical sources, such as on-site disposal

areas, ponds, or storage tanks. The historical documents also indicate that the uses of the site have not changed significantly since 1934, other than changes in some product lines, several episodes of facility expansion, and an increasing level of development to the present condition. In addition, progressive commercial and industrial development on surrounding properties has occurred since the 1940s. According to facility personnel, usage of the former on-site rail spurs for raw material receiving and product shipment ceased during the 1960s. Light assembly operations were historically conducted in the Emerson Building, which is now used solely for storage. No floor drains, floor staining, or evidence of underground storage tanks or other subsurface structures was observed at the Emerson Building. Site history information obtained from facility personnel is in general agreement with historical information obtained from a review of readily available historical sources.

D. Data Base Review for the Site and Surrounding Properties

ENVIRON reviewed the results of the state and federal environmental data base searches performed by EDR (see Appendix B), as well as the USEPA's Envirofacts and ECHO data bases. The site is listed on nine environmental data bases, as discussed below.

- Tecumseh is listed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) No Further Remedial Action Planned (NFRAP) data base. According to the data base listing, the site was first discovered by the USEPA in April 1992, and a preliminary assessment was conducted in March 1993. In December 1995, the site was granted a NFRAP status, signifying regulatory closure.

- Tecumseh is listed on the UST data base as having operated 15 USTs, all of which were closed by removal or in-place closure in 1990. A discussion of former USTs at the site is presented in Section III.E.1 of this report.

- Tecumseh is listed on the Resource Conservation and Recovery Information System (RCRIS) data base as a Conditionally-Exempt Small Quantity Generator (CESQG) of hazardous waste. Three violations are noted in the data base. Two of the violations (1986 and 1988) involved Generator Requirements and resulted from RCRA Compliance Evaluation Inspections. The third violation, in 2002, involved a Treatment, Storage and Disposal (TSD) Permit Condition. Compliance was subsequently achieved for each of the violations.

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- Tecumseh is listed on the RCRA Corrective Actions (CORRACTS) data base as having been evaluated for potential corrective actions in 1992. The site was assigned a "low" corrective action priority.

- The site is listed as a TSD facility. According to the PA/VSI Report, the facility filed a RCRA Part A permit application with USEPA in 1981, which allowed for container and tank storage of hazardous wastes with the codes F002 (spend halogenated solvents) and F017 (paint sludge). Interim status as a RCRA storage facility was granted in June 1982. However, shortly thereafter, the facility closed one of the hazardous waste management units (a former spent solvent tank) and began storing wastes in the second unit, a hazardous waste drum storage area, for less than 90 days.

- The site is listed in the Emergency Release Notification System (ERNS) as having had a reported release in 1992 of 200 gallons of oil from overfilling of an aboveground storage tank. The release reportedly entered a storm sewer outfall.

- The site is listed in the Michigan Pollution Emergency Alerting System (PEAS) data base as having had a release of compressor oil onto a loading dock in August 2003. The spill was reportedly cleaned up and did not enter the storm sewer system.

- Tecumseh is listed on the Toxic Release Inventory System (TRIS) data base as having filed Toxic Release Inventory Forms.

- Tecumseh is listed on the Air Inventory Reporting System (AIRS) data base as having permitted air emissions.

- There are several listings in the EDR report for off-site facilities within applicable ASTM search radii. Several of these listings (e.g., registered underground storage tanks [USTs], Baseline Environmental Assessment [BEA]), by themselves, are not necessarily indicative of an environmental concern, and these listings are therefore not discussed herein. A number of facilities appear on the Leaking Underground Storage Tanks (LUST) data base, indicating a potential environmental concern. However, based on ENVIRON's review, none of these LUST facilities are located adjacent to or up gradient (generally west) of the subject site; therefore, they not considered to represent a significant concern to the subject site. This interpretation is based on the assumption that a hazardous material released to the subsurface generally does not migrate laterally within the unsaturated soil for a significant distance, but a hazardous

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material can migrate in the ground water in a generally down gradient direction; however, there are limitations to this interpretation.

The EDR data base search identified a number of unmapped sites. ENVIRON reviewed the list of unmapped sites and verified that none were adjacent to the subject site; however, it was beyond the scope of this review to accurately locate each of the unmapped sites identified by EDR. The list of unmapped sites included the Tecumseh Products Airport Division. This site is reportedly owned and operated by Tecumseh Products Company and is listed on the LUST data base. Evaluation of environmental issues at this facility, which is also located within the City of Tecumseh, was outside of the scope of ENVIRON's assessment.

E. Materials Storage

1. Underground Storage Tanks

As noted above, 15 USTs were previously used by the facility for storage of lubricating oils, lap oil, kerosene, used oil, fuel oil, and hazardous substances. The USTs were located immediately west of the central part of the building, were installed between 1946 and 1970, and ranged in size from 6,000 to 20,000 gallons. All of the USTs were closed in July and November 1990. According to the UST data base, three of the tanks were abandoned in place and the remaining tanks were removed from the ground. According to an October 25, 1990 letter sent to the Michigan Fire Marshall, the five tanks that were removed in July 1990 were cleaned and inspected; none of the tanks reportedly exhibited evidence of leakage. No other documentation was available concerning removal of the former USTs or any sampling conducted at the time of removal. While the UST data base includes no specific information pertaining to the tank closures, and the site is not listed on the Leaking Underground Storage Tank (LUST) data base. Fire Chief Joseph Tuckey of the Tecumseh Fire Department had no knowledge of any USTs currently existing at the Tecumseh facility.

In addition to the 15 USTs discussed above, according to the PA/VSI Report, two 10,000-gallon tanks were located beneath the floor of the former wastewater treatment area and were used to hold untreated wastewater. These tanks were reportedly constructed of stainless steel with a fiberglass lining and were installed in the early 1980s. According to facility personnel, these tanks were pumped out and filled with sand in 1990. Based on their construction, it is unlikely that significant releases were associated with the historical usage of these former wastewater holding tanks.

stainless steel?

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Facility records indicate that two additional USTs (a 20,000-gallon quench oil tank and a 6,000-gallon alcohol tank) were removed in November 1987. These tanks do not appear in the UST data base searched by EDR.

Although not considered to be USTs, a below-grade sump pit (the "sludge pit") is used to collect wastewater and to transfer the water to the wastewater treatment building for treatment. Wastewater streams currently discharged to the sludge pit include effluent from the de-rust treatment tanks, wash water from a floor scrubber, boiler blow down, compressor condensate, and water from a tightness testing operation conducted in Area P. In addition, below-grade pits were previously used to collect coolant from certain machines and to separate metal cuttings and other solids. Coolants were transferred from some of the machines to the coolant/cuttings separation equipment through concrete floor trenches. No formal integrity tests of the pit or trenches have been conducted, although facility personnel indicated that the pits were visually inspected during routine operations, and no cracks or fissures were ever noted. ENVIRON was not able to visually observe the integrity of the concrete in the sub-floor pits or trenches at the time of the site visit.

Potential contamination issues associated with the aforementioned USTs and sumps/pits are discussed further in Section III.G of this report.

2. Aboveground Storage Tanks

Seven aboveground bulk storage tanks (ASTs) exist at the site, with capacities ranging from 6,000 to 12,000 gallons. Three of the tanks contained used oil; the remaining tanks contained compressor oils. With the exception of one of the used oil tanks, all of the ASTs are currently empty. All of the tanks are located inside buildings in areas that have concrete floors and concrete dike walls for secondary containment. Five small tanks located in Area E (estimated capacities of between 500 and 1,000 gallons) were used to hold and distribute refrigeration oils. These tanks are now empty. Two aboveground storage tanks that formerly held wastewater are located in the former wastewater treatment area, near the sludge pit. Several aboveground vessels (reactor tanks, holding tanks and oil-water separator) are located in the wastewater treatment building. Two propane tanks located in the southwest corner of the site (both 1,000-gallon capacity) provide propane used for forklifts. One oxygen tank (1,000-gallon capacity), located in the western portion of the site, supplies oxygen used in brazing operations. Four tanks located in the Engineering Department contain refrigerants used to charge refrigeration units for testing purposes (capacities range from 1,350 to 1,750 pounds). Two emergency generators have tanks that contain 733 gallons of diesel fuel. The diesel tanks are equipped with secondary containment. Facility personnel were not aware of any leaks or spills relating to the ASTs, and ENVIRON did not observe evidence of staining or past releases at the time of the site

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visit. It was beyond the scope of this assessment to conduct a detailed review of inventory logs or other material loss-related documentation associated with these ASTs.

A 1986 tank inventory provided by the facility and the PA/VSI Report indicate that other ASTs were historically present at the site, including: a 2,800-gallon "used oil burn tank" in Area T (contained oils from compressor tear-downs that were used to fuel the boilers); a 5,000-gallon AST in Area T that contained 1,1,1-trichloroethane (TCA); a 3,500-gallon AST in Area L that held acid from de-rust operations; and a 2,500-gallon spent solvent (TCA) AST located near Area K (RCRA-closed in 1982). No information is available concerning any secondary containment used in the areas of these former ASTs.

Although not considered to be ASTs, some old machining equipment with hydraulic oil reservoirs still exists in various parts of the building; however, none of the equipment is currently used, and no evidence of oil spillage/leakage was observed in these areas.

3. Drum and Other Storage Areas

New oils and non-flammable chemicals are stored in a separate building (Building Q). The walls and floor of the building appear to provide adequate secondary containment. A partitioned self-contained flammable chemical storage building located adjacent to Building Q is used for the storage of flammable chemicals (e.g., paints, non-hazardous parts washer solvent, acetone, and alcohols), as well as hazardous waste. Several drums containing maintenance oils and used oil and smaller containers of oils and greases were observed in the maintenance shop. Some, but not all, of the containers in this area were within secondary containment. Drums containing oil-contaminated solids (mostly absorbents used for minor spills/leaks) and empty drums are stored in Area T. Several drums containing compressor oil were observed in the compressor room. No secondary containment was provided for these drums. Drums and other containers of boiler treatment chemicals were observed in the boiler room. Drip pans provide secondary containment for drums used to dispense the water treatment chemicals. A roll-off container with grinding swarf is staged in a shed located in the western part of the site. Cylinders of compressed gases are staged in a shed located north of the Engineering Department. Drums and totes containing various chemicals were observed in the de-rust area. No secondary containment was observed in this area. Totes containing a two-part disocyante foam packaging system were observed in Area P. No secondary containment was provided for these totes. Three parts washers that contain a nonhazardous petroleum-based solvent were observed in the maintenance shop (one washer) and Engineering Department (two washers). Several drums and smaller containers with machine oils and greases and used oil were observed in the Engineering Department. All of these containers were provided with secondary containment.

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Facility personnel were not aware of significant spills or releases of materials from drum and container storage areas. In addition, Fire Chief Joseph Tuckey had no knowledge of any spills at the site. While secondary containment was not provided for all of the drums and other containers of chemicals and petroleum products, ENVIRON did not observe evidence of significant spills or uncontrolled releases from these storage areas.

ENVIRON observed evidence of corrosion of the concrete floor beneath a former MIP area, where metal parts were formerly treated with acids and/or caustics. The integrity of the floor beneath the MIP treatment vessels could not be fully inspected. There is a potential that contaminants from the MIP process entered underlying soils through penetrations in the floor caused by corrosive agents.

F. Polychlorinated Biphenyls

Twenty-eight (28) oil-filled transformers are located outside of the building (combined oil capacity of 7,244 gallons) and six (6) oil-filled transformers are located inside the building (combined oil capacity of 1,786 gallons). All of the transformers are labeled as "Non-PCB" (PCB content of less than 50 parts per million). Facility personnel were not aware whether the transformers are owned by the facility or the utility company. Facility personnel were not aware of spills or leaks from transformers at the site or whether any transformers previously contained PCB fluids and were subsequently retro-filled with non-PCB fluids. ENVIRON has no information about prior equipment that may have been removed from the facility. ENVIRON saw no indication of leaks or releases from electrical equipment observed during the site visit. All transformers were observed to be located in areas with concrete pavement or flooring.

When disposal is required, fluorescent light ballasts are segregated from the general trash, placed in drums, and disposed of as PCB-containing waste. Facility personnel indicated that hydraulic oils that remain in older equipment at the site would have been routinely changed out during regular maintenance of the equipment; thus it is unlikely that the hydraulic oils contain PCBs.

G. Environmental Site Assessment Findings, Opinion, and Conclusions

ENVIRON has performed a Phase I ESA of the site in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section I.C of this report. This assessment has identified the following known and suspect issues with respect to soil and ground water conditions at the site. Consistent with the ASTM standard, ENVIRON has categorized each issue as a REC, historical REC or de minimis condition, as described below.

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1. **Known Site Conditions**

No sources of known soil and ground water contamination have been identified at the site. Facility personnel were not aware of any on-site soil or ground water contamination, nor were they aware of any previous soil or ground water investigation activities.

2. **Suspect Conditions**

Although there is no known contamination on the Tecumseh site, it is possible that the previous operations conducted at the site and/or current site features may have affected on-site soil and ground water conditions. A discussion of the potential sources of soil and ground water contamination identified as part of ENVIRON's assessment is provided below:

- **Potential Impacts from Historic Operations:** Certain historic operations and the long history of industrial activities at the site (over 110 years) indicate a potential for on-site soil or ground water contamination due to chemical and petroleum storage and handling practices. Between and late 1800s and 1934, the site was occupied by foundries and a company that made steel wire and woven wire fencing. With the exception of Sanborn maps, which indicate these facilities used paints and oils, no specific information is available concerning the usage of chemicals and petroleum products at these former on-site facilities. In addition, until 2004, Tecumseh's operations were significantly more chemically intensive than current operations, including: a wide range of machining operations and associated coolant transfer, collection and recirculation systems; surface coating/treatment of metal parts; welding; painting; drying; extensive use of refrigeration oils; and use of two TCA vapor degreasers. Hazardous materials used during the previous site activities (e.g., petroleum products, cleaning solvents, and paints) could have adversely affected the soil and ground water at the site. No known site investigations have been conducted to evaluate potential impacts from historical site operations. The lack of site-wide soil and ground water characterization data represents a significant data gap. As such, ENVIRON considers this issue to be a REC.

8 barrels

- **Potential Impacts from Former USTs:** The UST data base searched by EDR indicates that 15 USTs were previously used by the facility for storage of lubricating oils, lap oil, kerosene, used oil, fuel oil, and hazardous substances. The USTs were located immediately west of the central part of the building, were installed between 1946 and 1970, and ranged in size from 6,000 to 20,000 gallons.

5 barrels (if all together) 15 if not

All of the USTs were closed in July and November 1990. According to the UST data base, three of the tanks were abandoned in place and the remaining tanks were removed from the ground. According to an October 25, 1990 letter sent to the Michigan Fire Marshall, the five tanks that were removed in July 1990 were cleaned and inspected; none of the tanks reportedly exhibited evidence of leakage. No other documentation was available concerning removal of the former USTs or any sampling conducted at the time of removal.

In addition, two 10,000-gallon USTs were located beneath the floor of the former wastewater treatment area and were used to hold untreated wastewater. These tanks were reportedly constructed of stainless steel with a fiberglass lining and were installed in the early 1980s. These tanks were reportedly pumped out and filled with sand in 1990. These tanks do not appear in the UST data base searched by EDR and no documentation exists concerning their removal. Finally, facility records indicate that two additional USTs (a 20,000-gallon quench oil and a 6,000-gallon alcohol UST) were removed in November 1987. These tanks do not appear in the UST data base searched by EDR and no documentation exists concerning their removal. As very little documentation is available concerning closure of the former USTs, soil or ground water contamination from historical USTs cannot be ruled out. Therefore, ENVIRON considers this issue to be a REC.

- **Potential Impacts from Former Hazardous Waste Storage Areas:** According to facility personnel, hazardous wastes were historically stored in two exterior areas, one near the current cardboard bailing area, and the other just southeast of Area L. The former area reportedly had secondary containment and no longer exists. The latter area was identified as a hazardous waste management unit in the facility's RCRA Part A permit and was removed when the wastewater treatment building was constructed. The 1993 PA/VSI Report identifies several other areas where drums and other containers of hazardous waste and hazardous substances were stored, including underground and aboveground wastewater holding tanks, a paint waste accumulation area, and bins that held scrap metal and metal solids. There is no documentation that secondary containment was employed in these areas.

Based on the available documentation reviewed by ENVIRON, it is possible that one of the site's former RCRA-permitted storage areas (drum storage pad with secondary containment designated SWMU 6) was not subjected to RCRA closure and was later removed to allow for construction of the wastewater treatment building. Tecumseh has

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reportedly operated as a generator-only facility since 1992. According to data bases searched by EDR, the facility is listed as a TSDF with a low priority for corrective action. While information presented in the PA/VSI Report suggests that SWMU 6 had a low potential for releases to the environment, closure of the site's interim status may require completion of an RFI in the area of former SWMU 6 and potentially at other SWMUs identified in the PA/VSI Report. As no soil or ground water data have been collected in the site's former hazardous waste treatment areas, and such characterization activities could be required by regulatory agencies to comply with RCRA requirements, ENVIRON considers this issue to be a REC.

- **Potential Impacts from Former ASTs:** A 1986 storage tank inventory provided by the facility and the information in the PA/VSI Report indicate that four ASTs were historically present at the site, but no longer exist, including: a 2,800-gallon "used oil burn tank" in Area T (contained oil from compressor tear-downs that was used to fuel the boilers); a 5,000-gallon tank in Area T that contained chloroethene; a 3,500-gallon tank in Area L that held acid from de-rust operations; and a 2,500-gallon spent solvent (TCA) storage tank located near Area K (RCRA-closed in 1982). No information is available concerning any secondary containment used for these former ASTs. As such, ENVIRON considers this issue to be a REC.

- **Potential Impacts from Sludge Pit, Coolant Collection Pits, Sumps, Floor Trenches, and Floor Drains:** The sludge pit is a sub-floor concrete tank that has been used for an extended period of time for the collection of all facility process wastewater and for the initial removal of solids from the wastewater prior to on-site treatment. Sumps located in the compressor room and compressor room discharge wastewater to the sludge pit. In addition, coolants were historically transferred in concrete floor trenches to other sub-floor concrete pits to allow for separation of metal grindings and recirculation of the coolant. Finally, several floor drains were observed in areas of the main building formerly used for manufacturing. The floor drains are reportedly connected to the sludge pit via sub-floor piping. No formal integrity tests of the pits, trenches, sumps or sub-floor piping have been conducted. As untreated wastewater and petroleum products may have migrated from the pits, trenches, sumps and sub-floor piping and impacted soil or ground water, ENVIRON considers this issue to be a REC.

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- **1992 Spill**: The site is listed in the Emergency Release Notification System (ERNS) as having had a reported release in 1992 of 200 gallons of oil from overfilling of an aboveground storage tank. The release reportedly entered a storm sewer outfall. No further documentation is available concerning this spill or any cleanup actions taken by the facility. Given the lack of information regarding the efforts made to address/clean-up the aforementioned release, the potential for future regulatory scrutiny towards this issue cannot currently be ruled out. Therefore, ENVIRON considers this issue to be a REC.

- **2003 Spill**: The site is listed in the Michigan Pollution Emergency Alerting System (PEAS) data base as having had a release of compressor oil onto a loading dock in August 2003. The spill was reportedly cleaned up and did not enter the storm sewer system. ENVIRON considers this issue to be a *de minimis* condition.

- **Corrosion of Floor- Former MIP Area.** ENVIRON observed evidence of corrosion of the concrete floor beneath a former MIP area, where metal parts were formerly treated with acids and/or caustics. The integrity of the floor beneath the MIP treatment vessels could not be fully inspected. There is a potential that contaminants from the MIP process entered underlying soils through penetrations in the floor caused by corrosive agents. ENVIRON considers this issue to be a *de minimis* condition.

3. Business Risk Evaluation

Facility personnel were not aware of any on-site soil or ground water contamination, nor were they aware of any previous soil or ground water investigation activities. In addition, Fire Chief Joseph Tuckey had no knowledge of past spills or other site contamination issues. During the site visit, ENVIRON did not observe visual evidence of significant contamination (e.g., significant staining, spills or releases, or stressed vegetation). ENVIRON observed the facility to have adequate housekeeping and chemical storage practices, and ENVIRON did not observe any current features or structures of potential environmental concern at the site (e.g., existing USTs, dry wells, septic systems, etc.). In addition, the facility's current operations are not chemically intensive. As such, the potential risk of contamination associated with current facility operations appears low.

Nevertheless, the long history of industrial activities at the site (over 110 years), former on-site presence of USTs, historic hazardous waste storage practices and certain historic site operations indicate a potential for on-site soil or ground water contamination due to chemical and petroleum storage and handling practices. While no investigations

have been conducted to evaluate potential impacts from historical site operations/practices, the risk that these activities will present a significant concern from a regulatory perspective is mitigated by several factors. First, the operational areas of the site are nearly entirely paved or covered by buildings and there are limited pathways for direct contact to potentially contaminated soils. Second, the site and surrounding area is served by a municipal water supply system and the underlying ground water is not used for drinking water purposes. Third, no evidence of potential environmental concerns (e.g., on-site disposal areas, ponds, or significant staining) was noted during ENVIRON's review of historical sources pertaining to the site. Finally, the site is currently not the subject of scrutiny directed toward soil or ground water conditions, nor is it the subject of regulatory enforcement actions. Therefore, there appears to be a low likelihood of incurring material near-term liabilities to investigate soil or ground water conditions at the site, recognizing the uncertainty inherent in predicting future regulatory activities.

4. Significant Data Gaps

As discussed in Section G.2 above, significant data gaps did not allow ENVIRON to definitively determine whether certain identified issues were representative of RECs. In the absence of such information, ENVIRON has relied upon professional judgment to evaluate these issues with respect to material business risks. If additional information becomes available, the classification of a given issue as a REC may change.

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IV. REFERENCES

Environmental Data Resources, Inc. (EDR). 2006. "Radius Map, Inquiry Number: 1814617.1s," December 11.

Environmental Data Resources, Inc. (EDR). 20Year. "Aerial Photography Print Service: Inquiry Number ZZZ," Month and day.

Environmental Data Resources, Inc. (EDR). 20Year. "Historical Topographic Map Report, Inquiry Number ZZZ," Month and day.

Environmental Data Resources, Inc. (EDR). 20Year. "City Directory, *Abstract*, Inquiry Number ZZZ," Month and day.

Environmental Data Resources, Inc. (EDR). 20Year. "Sanborn® Map Report, Inquiry Number ZZZ," Month and day.

Fire Chief Joseph Tuckey. Tecumseh Fire Department. 2006. Telephone interview. December 15.

John Knapp. Tecumseh Products Company. 2005. Personal interview. December 1 and 2.

John Knapp. Tecumseh Products Company. 2006. Personal interview. December 14.

Preliminary Assessment/Visual Site Inspection, Tecumseh Products. 1993. PRC Environmental Management. May.

Willard Keith. Tecumseh Products Company. 2005. Personal interview. December 1 and 2.

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V. CERTIFICATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR §312.10.

Further, we have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed this assessment in conformance with the standards and practices set forth in 40 CFR Part 312.

F. Ross Jones

F. Ross Jones
Manager

Frederick V. Loneker
Senior Manager

Qualifications for the environmental professionals identified above are summarized in Appendix D.

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F. Ross Jones, P.G.

Professional Memberships and Training

Member, Association of Engineering Geologists

Member, National Ground Water Association

Member, Geological Society of America

OSHA 40-Hour Hazardous Waste Operator, Site Supervisor and Annual Updates

Publications

Jones, F. Ross, and G.D. Harper. 1988. Late Nevadan thrusting in the western Klamath Mountains, structural evidence from the northern Galice Formation. *GSA Abstracts with Programs*, Cordilleran Section meeting, vol. 20, p.172.

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October 25, 1990

D/Lt. D. T. Smith, Commander
Fire Marshall Division
Department of State Police
General Office Building
7150 Harris Drive
Lansing, MI 48912

Dear Sir:

As indicated in my letter of June 21, 1990, we have removed the following underground storage tanks:

At The Tecumseh Products Division

Tank 1, - 6,000 Gallon Capacity
Tank 2, - 6,000 Gallon Capacity
Tank 3, - 6,000 Gallon Capacity
Tank 4, - 6,000 Gallon Capacity
Tank 6, - 7,500 Gallon Capacity

Note: Tank 6 was listed as Tank 5 in my letter of June 26th.

At The Tecumseh Products Airport

Tank 2, - 1,000 Gallon Capacity
Tank 3, - 10,000 Gallon Capacity

The removal procedures were as follows:

Step 1 Analysis of tank contents at the Tecumseh Division. Tank #2 at the airport contained water and Tank #3 contained gasoline that was being used.

Step 2 The tanks at the Tecumseh Division were removed by Wilson's Backhoe Service. The tanks at the airport were removed by Slusarski Excavating.

Step 3 Tank interiors were cleaned by Quanta Corp. MID 980793350. The cleaning personnel and their supervisor indicated that the tanks were sound with no detectable leaks.

Step 4 The tanks were cut-up and scrapped with Jackson Iron and Metal.

A:TANK.REM

Enclosed are copies of the tank analysis at the Tecumseh Division before removal as well as soil samples taken at the time of removal. The analysis of soil samples from the airport facility is also included.

Thank you for your cooperation.

Sincerely,

TECUMSEH PRODUCTS COMPANY
MANUFACTURING ENGINEERING

G. M. Bufton
Process Engineer

GMB:ljr

Enclosure

CC: C. Walker
B. McCuaig

A:TANK.REM

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June 21, 1991

Mr. Gerald M. Bufton
Process Engineer
Tecumseh Products Company
Tecumseh, Michigan 49286

RE: Professional Services Proposal
Investigation, Evaluation of Underground Storage Tank Farms

Dear Mr. Bufton:

Based on our recent discussion and site visit on Monday, June 17, 1991, it is our pleasure to offer an approach to addressing the Tecumseh Products closure issues identified by the State Police and Fire Marshall Office.

This proposal presents our Scope of Services; Compensation, and identifies our approach. Our priorities are to conduct the work and identify the presence or absence of petroleum products and petroleum vapors at the site. Should remediation be required, we will provide a cost effective, technically feasible solution to Tecumseh Products.

We understand your primary concerns to be providing service for:

1. Drilling two boreholes at each tank location defining the extent and magnitude of petroleum contamination that is related to the UST system.

2. Sampling the base of the soil boring at the tank location.

3. Filing of appropriate SPFM reports and notifications

4. Providing proper analytical results.

Our goal is to furnish Tecumseh with the most comprehensive and objective closure within the scheduling logistics and funding constraints that apply.

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Scope of Services

We propose a direct approach to the sampling of soils at Tecumseh Products as follows:

- Site review and evaluation
- Drill two boreholes per tank location, one at each end.
- Sample soil at the base of the tank.
- Conduct laboratory analysis
- Prepare closure report.

Compensation

Compensation for our personnel directly engaged in the scope of services identified in the proposal will be on a time-and-materials basis at salary cost multiplied by 2.08 plus reimbursable expenses, with a not-to-exceed cost of $24,600 without your prior approval. A breakdown of our estimated fee is as follows:

Review of Existing Data	
Drilling	$13,000
Sampling	4,000
Laboratory	5,600
Report	2,000
	$24,600

If you concur with our proposal, please sign in the space provided below and return one signed copy of this proposal for our records. Our Standard Terms and Conditions are attached and are to be considered a part of the proposal.

Project Team

Project Manager	-	Gary Molchan
Project Hydrogeologist	-	Joseph Edwards
Project Environmental Engineer	-	Stan Jelic
Quality Control and Scientific Issues	-	Dr. M. (Sam) Nalluswami, P.E.

Mr. Molchan will have overall project, budget, schedule, and quality control responsibility.

We wish to thank you for the opportunity to submit this proposal. We have established a seasoned Project Team featuring an ideal mix of experienced leadership, technical expertise, and regulatory knowledge which will be outstanding. Our firm is accustomed to providing high quality service under short time frames and are willing and able to dedicate our Michigan team resources to assist you in the successful remediation of the affected are in a cost-effective manner.

Sincerely,
McNamee Industrial Services, Inc.

Thomas M. Doran, P.E.
President

Gary Molchan
Project Manager

Enclosure

Proposal Accepted By: _____

Title: _____

Date: _____

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McNAMEE
ENGINEERING EXCELLENCE
SINCE 1914

McNAMEE INDUSTRIAL SERVICES, INC.

3135 South State Street
Suite 202
Ann Arbor, MI 48108
Telephone (313) 665-3999
Fax (313) [illegible]

October 9, 1991

Mr. G. M. Bufton
Tecumseh Products Company
100 East Patterson Street
Tecumseh, MI 49286

RE: Tecumseh Products Airport
Stone Road

Dear Mr. Bufton:

We have completed the investigation and report and have evaluated the factors relating to a reportable release at the subject location. This confirmation was verified by laboratory analysis on soil samples collected subsequent to the site investigation.

Analytical results indicate low concentrations of hydrocarbon constituents benzene (52 ug/Kg), toluene (14 ug/Kg), ethylbenzene (19 ug/Kg), and xylene (68 ug/Kg) from SBB 102-13'-15'. Total Petroleum Hydrocarbons (TPH) and Polynuclear Aromatics (PNAs) were not detected.

The request from the SPFM to complete borings and analytical for the site should be communicated to the MDNR along with this report. The MDNR will probably require further evaluation of the 10,000-gallon tank in the future. Due to the low levels, you may want to close the site with these residual levels in place.

A detailed description of the site investigation performed by McNamee Industrial Services, Inc. is included. We suggest that you notify MDNR of the results. If you have any questions pertaining to the report, please contact the undersigned at (313) 665-3999.

Sincerely,
McNamee Industrial Services, Inc.

Joseph D. Edwards
Geologist

Gary Molchan
Project Manager

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MEMORANDUM

June 29, 1992

To: B. Mc Cuaig

cc: G. Bufton, R. Hawkes, N. Robinson, J. Sciarini

Subject: Underground Storage Tanks

In response to your memo of June 22, 1992 on the removal of underground storage tanks and the reference to the inappropriate method of removal, I submit to you for the second time our packet on the project. Please note in the packet, memos written by G. Bufton (April 20, 1990) outlining the procedure he planned to follow. If this was not correct, why was it not stopped then?

This was not the first time we have removed underground storage tanks from this facility, In fact, we have removed six (6) tanks without a problem using this method. Therefore, the next time any underground storage tanks are to be removed, please review the plan as supplied and advise as soon as possible if you see a problem.

T. E. Parsons
Manager, Manufacturing Engineering

TP/pez
UST

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M E M O R A N D U M

April 20, 1990

TO: C. Walker

CC: N. Robinson, R. Hawkes, T. Parsons, R. Ganun, B. McQuaig

SUBJECT: Underground Tanks - Airport

During the shutdown period of July 30 through August 12, it is planned to remove the 1,000 gallon fuel oil tank and the 10,000 gallon aviation gasoline tank at the airport.

The sequence of work planned is as follows:

- Notification of activity to the Michigan Department of Natural Resources, State Police Fire Marshal, and the City of Tecumseh Fire Department.
- Sample and analyze fluids in both tanks
- Remove fluids and dispose
- Excavate
- Sample and analyze soil. If there is no obvious contamination the holes will be filled and the surface finished.
- Clean tanks
- Cut up and dispose of, including piping.
- Notification of regulatory agencies of completion and certification.

G. Bufton

GB:ljr

A:TanksApt

M E M O R A N D U M

April 19, 1990

TO: C. Walker

CC: N. Robinson, D. Taylor, R. Hawkes, R. Fraley, P. Marry
T. Parsons, J. Douglas, B. Stone, Stockroom A, B. McQuaig

SUBJECT: Underground Tank Removal - Tecumseh Division

The next set of underground tanks to be removed are the four tanks south of engineering, and the waste oil tank west of "T" Building. Tanks numbered 1, 2, 3, 4, and 6 on the enclosed map are the tanks to be removed.

Tank 6 contains waste oil. A tank will be purchased to replace the existing tank and will be located in "T" Building. A tank or multiple tote tanks will be used for Etna 25 (hydraulic oil) storage. No decision has been made regarding the location of the new tank or tanks.

The tanks are scheduled to be removed during the plant shutdown period of July 30 through August 12.

The following lists the sequence of work:

- Notification of activity to the Tecumseh Fire Department, Michigan Department of Natural Resources, and the State Police Fire Marshal.
- Set new waste oil tank with necessary piping, etc.
- Sample and analyze the fluids in the five tanks.
- Remove fluids and dispose of them.
- Excavate
- Sample and analyze soil.
- Clean Tanks
  Remove tanks and piping, cut-up and dispose
  Backfill, grade and pave
- Notify regulating agencies of completion and certification.

G Bufton
G. Bufton

GB:ljr

A:tankrem.

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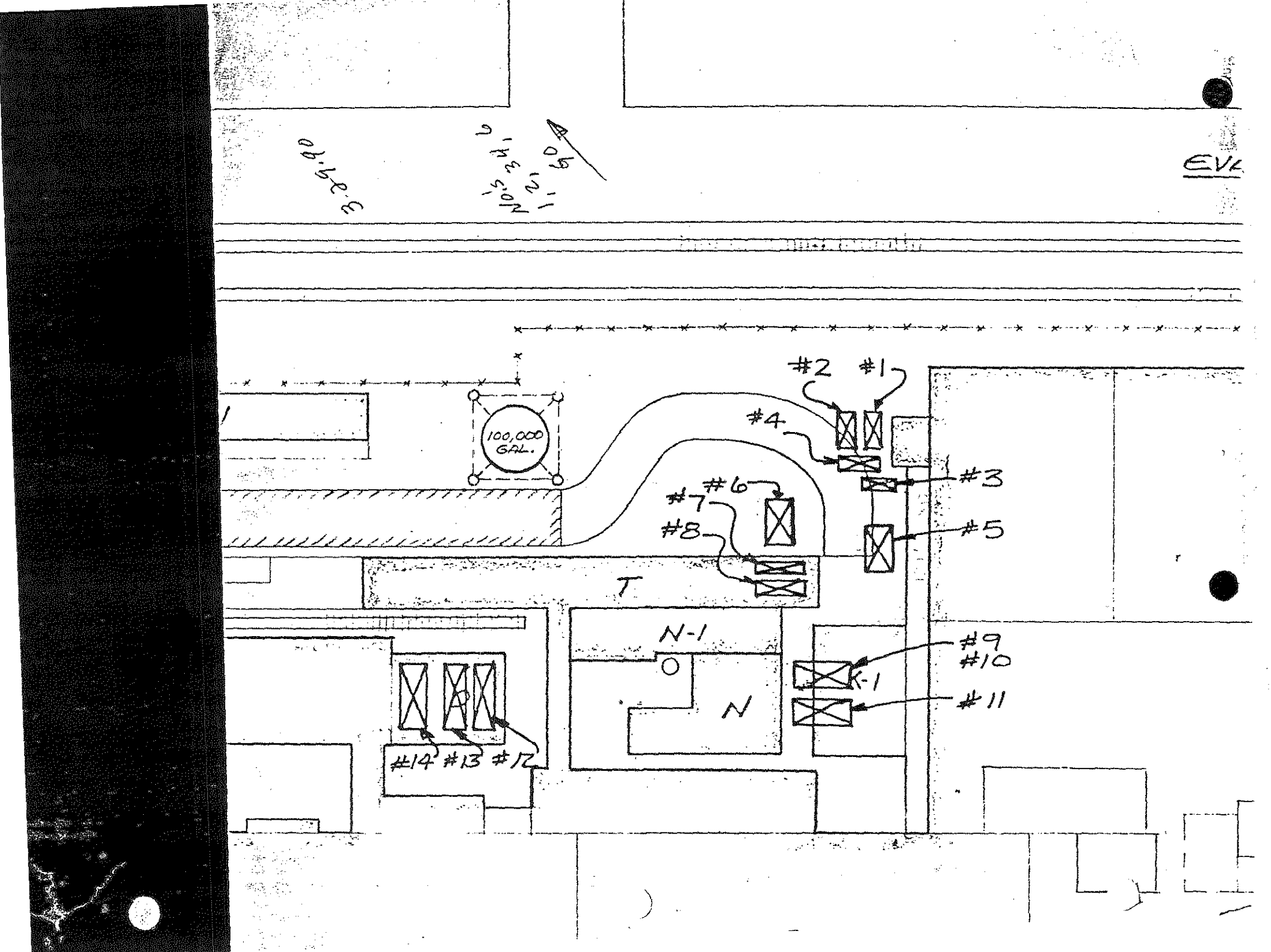

T. Hanson

October 25, 1990

D/Lt. D. T. Smith, Commander
Fire Marshall Division
Department of State Police
General Office Building
7150 Harris Drive
Lansing, MI 48912

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A:TANK.REM

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Enclosed are copies of the tank analysis at the Tecumseh Division before removal as well as soil samples taken at the time of removal. The analysis of soil samples from the airport facility is also included.

Thank you for your cooperation.

Sincerely,

TECUMSEH PRODUCTS COMPANY
MANUFACTURING ENGINEERING

G. M. Bufton
Process Engineer

GMB:ljr

Enclosure

CC: C. Walker
B. McCuaig

A:TANK.REM

US EPA ARCHIVE DOCUMENT

REGISTRATION FOR UNDERGROUND STORAGE TANKS	STATE USE ONLY
Implementing Agency: MICHIGAN STATE POLICE - FIRE MARSHAL DIVISION	ID NUMBER _____ DATE RECEIVED _____
TYPE OF NOTIFICATION: ____ New Facility ____ Amended __X__ Closure	A. Date Entered into Computer _____ B. Data Entry Clerk Initials _____
3 No. of Tanks at Facility _____ No. of Continuation Sheets Attached	

INSTRUCTIONS: Please type or print in ink all items except "signature" in section V. This form must be for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form. Highlight amended sections wherever applicable, however, pages 1 and 2 must always be completed.

Registration is required by federal law for all underground tanks that are being used, or have been used, to store regulated substances, unless the underground storage tank has been properly closed or removed and notification provided to the State Fire Marshal. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

WHO MUST NOTIFY? Unless exempted, owners of underground tanks that store or stored regulated substances must notify the State Fire Marshal of the existence of their tanks. Owner means any person who owns, or owned at the time of a release, an underground storage tank used for the storage, use, or dispensing of regulated substances.

WHAT TANKS ARE INCLUDED? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances" and (2) whose volume (including connected underground piping) is 10% or more beneath the ground.

WHAT SUBSTANCES ARE COVERED? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in Section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

WHAT TANKS ARE EXCLUDED? Tanks that have been properly closed or removed prior to January 1, 1974 are not subject to registration. Other tanks excluded from notification are:

1. Farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for farm or residential use;
2. Tanks used for storing heating oil for consumptive use on the premises where stored;
3. Septic tanks;
4. Pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979;
5. Surface impoundments, pits, ponds, or lagoons;
6. Storm water or waste water collection systems;
7. Flow-through process tanks;
8. Liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. Storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft or tunnel) if the storage tank is situated upon or above the surface of the floor.

WHERE TO NOTIFY? Send completed forms to:

Department of State Police
Fire Marshal Division
Hazardous Materials Section
3705 W. Jolly Road
P.O. Box 30159
Lansing, MI 48909

Authority: Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

Compliance: Required

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANKS

TECUMSEH PRODUCTS COMPANY
Owner Name (corporation/individual, etc)

100 E. PATTERSON STREET
Street Address

TECUMSEH, MI 49286
City **State** **Zip**

LENAWEE
County

517/423-8411
Telephone (including area code)

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK _____

TECUMSEH PRODUCTS AIRPORT DIVISION
Facility Name or Co. Site Identifier

STONE ROAD
Street Address (P.O. Box not acceptable)

TECUMSEH, MI 49286
City **State** **Zip**

LENAWEE MACON
County **Township**

517-423-8678
Telephone including area code)

III. TYPE OF OWNER

- [ ] Federal Government
- [ ] Commercial
- [ ] State Government
- [X] Private
- [ ] Local Government

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. [ ]

Tanks are owned by native American nation, tribe, or individual. [ ]

Tribe or Nation: _____

V. TYPE OF FACILITY

Select the Appropriate Facility Description:

____Gas Station	____Local Government	____Contractor
____Petroleum Distributor	____State Government	____Trucking/Transport
____Air Taxi(airline)	____Federal-Non Military	____Utilities
__X Aircraft Owner	____Federal-Military	____Residential
____Auto Dealership	____Commercial	____Farm
____Railroad	____Industrial	____Other (explain)

_____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Phone (area code)
RICHARD GANUN	CHIEF PILOT	517/423-8678

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H [ ]

Check All That Apply:

____Self Insurance	____Guarantee	____State Funds
____Commercial Insurance	____Surety Bond	____Trust Fund
____Risk Retention Group	____Letter of Credit	____Other Method Allowed (please specify)

_____

VIII. CERTIFICATION

(Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Name and official title of owner or owner's authorized representative (PRINT)	Signature	Date
G. M. BUFTON		

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number	Tank# 1	Tank# 2	Tank# 3	Tank#	Tank#
1. Status of Tanks (check one) Currently In Use	X				
Temporarily Out of Use**					
Permanently Out of Use**		X	X		
Amendment of Information					
** *Also complete Section X*					
2. Date of Installation					
3. Estimated Total Capacity (gal)	10,000	1,000	10,000		
4. Material of Construction (Mark All That Apply)					
Asphalt Coated or Bare Steel	X	X	X		
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Excavation Liner					
Concrete					
Unknown					
Other, please specify					
Has tank been repaired?					
5. Piping Material (all that apply)					
Bare Steel	X	X	X		
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, please specify					
6. Piping (type)(all that apply)					
Suction: no valve at tank	X	X	X		
Suction: valve at tank					
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank#___	Tank#___	Tank#___	Tank#___	Tank#___
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Gasoline					
Diesel					
Gasohol					
Kerosene					
Fuel Oil (Not for Consumptive Use on Premises)					
Used Oil					
Other, please specify	JET FUEL	WATER			
Hazardous Substance CERCLA Name and/or CAS Number					
Mixture of Substances Please Specify					
X. TANKS OUT OF USE OR CHANGE IN SERVICE					
1. Closing of Tank					
A. Estimated Date Last Used (mo/day/yr)		10/81	7/90		
B. Estimated Date Tank Closed (mo/day/yr)					
C. Tank was Removed from Ground		X	X		
D. Tank Filled with Inert Material					
Describe type of fill used and reason tank was not removed.					
E. Change In Service					
2. Site Assessment Completed		X	X		
Evidence of a Leak Detected		NONE	NONE		

-Please continue on page 5-

TECUMSEH PRODUCTS CO.
CAL REPORT# 8605

SAMPLES RECEIVED 08/08/90

— Soil Samples —

SEE PAGE 5 FOR TANK #2 SOIL ANAYSIS

LAB# 9200429 #1
LAB# 9200430 #2
LAB# 9200431 #3
LAB# 9200432 #4
LAB# 9200433 BIG ← TANK #3, 10,000 GAL, SOIL SAMPLE
LAB# 9200434 #6

LAB#	9200429	9200430	9200431	9200432	9200433	92004
TCLP RCRA, W/ORGANICS						
Ignitibility, Deg. F	> 200 *N	> 200 *N	> 200 *N	> 200 *N	> 200 *N	> 200 *I
Corrosivity, pH Units	8.5	8.9	8.7	8.9	8.3	9.0
REACTIVITY						
As Cyanide, mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
as Sulfide, mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic, TCLP, mg/l	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43
Barium, TCLP, mg/l	0.16	0.14	0.24	0.18	0.68	0.08
Cadmium, TCLP, mg/l	0.02	0.03	0.04	0.06	0.05	0.06
Chromium, TCLP, mg/l	< 0.02	< 0.02	< 0.02	0.03	< 0.02	0.03
Copper, TCLP, mg/l	0.02	0.03	0.03	0.05	0.05	0.04
Lead, TCLP, mg/l	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09
Mercury, TCLP, mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.00

*YES/NO, CAPACITY TO SUSTAIN BURNING AFTER BEING FLAMED.

Canton Analytical Laboratory, Inc.
(313) 483-7430 FAX (313) 545-1541

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS CO.
CAL REPORT# 8605

SAMPLES RECEIVED 08/08/90

LAB#	9200429	9200430	9200431	9200432	9200433	92004
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Selenium, TCLP, mg/l	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Silver, TCLP, mg/l	0.03	< 0.03	0.04	0.04	0.04	0.03
Zinc, TCLP, mg/l	< 0.01	< 0.01	0.08	0.1	0.09	0.03
ZHE ORGANICS FOR TCLP RCRA						
Benzene	< 0.0002	< 0.0002	< 0.002	< 0.0002	< 0.0002	< 0.00
Carbon Tetrachloride	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.00
Chlorobenzene	< 0.0004	< 0.00004	< 0.004	< 0.004	< 0.0004	< 0.00
Chloroform	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.00
1,4-Dichlorobenzene	< 0.0004	< 0.00004	< 0.0004	< 0.0004	< 0.0004	< 0.00
1,2-Dichloroethane	< 0.002	< 0.001	< 0.002	< 0.002	< 0.002	< 0.00
1,1-Dichloroethene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00
Methyl Ethyl Ketone	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.00
Pyridine	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachloroethene	0.008	< 0.002	< 0.002	0.0035	< 0.002	< 0.00
Trichloroethene	0.002	< 0.002	< 0.002	0.004	< 0.002	< 0.00
Vinyl Chloride	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
BASE NEUTRALS, TCLP						
Hexachlorobutadiene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00

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TECUMSEH PRODUCTS CO.
CAL REPORT# 8605

SAMPLES RECEIVED 08/08/90

LAB#	9200429	9200430	9200431	9200432	9200433	920043
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Hexachlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
2,4-Dinitrotoluene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Hexachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Nitrobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
ACID EXTRACTS, TCLP						
M,O,P Cresol	< 0.005	< 0.005	< 0.005	< 0.005	0.014	< 0.005
Pentachlorophenol	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2,4,5-Trichlorophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2,4,6-Trichlorophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
PESTICIDES, TCLP						
Chlordane	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.003
Heptachlor Epoxide	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Endrin	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000
gamma-BHC (Lindane)	< 0.0001	< 0.0001	< 0.00001	< 0.0001	< 0.0001	< 0.000
Methoxychlor	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Toxaphene	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
HERBICIDES, TCLP						
2,4-D	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004

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US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS CO.
CAL REPORT# 8605

SAMPLES RECEIVED 08/08/90

LAB#	9200429	9200430	9200431	9200432	9200433	920043
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
2,4,5-TP (Silvex)	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00

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LAB# 9200435 SOIL

LAB#	9200435
TCLP RCRA, W/ORGANICS	
Ignitibility, Deg. F	> 200 *N
Corrosivity, pH Units	8.3
REACTIVITY	
As Cyanide, mg/kg	< 0.05
as Sulfide, mg/kg	< 0.5
Arsenic, TCLP, mg/l	< 0.43
Barium, TCLP, mg/l	0.50
Cadmium, TCLP, mg/l	< 0.01
Chromium, TCLP, mg/l	< 0.02
Copper, TCLP, mg/l	0.02
Lead, TCLP, mg/l	< 0.09
Mercury, TCLP, mg/l	< 0.003
Selenium, TCLP, mg/l	< 0.02
Silver, TCLP, mg/l	0.03
Zinc, TCLP, mg/l	0.02

*YES/NO, CAPACITY TO SUSTAIN BURNING AFTER BEING FLAMED.

Canton Analytical Laboratory, Inc.
(313) 483-7430 FAX (313) 545-1541

LAB#	9200435
UNITS	mg/l
ZHE ORGANICS FOR TCLP RCRA	
Benzene	< 0.0002
Carbon Tetrachloride	< 0.004
Chlorobenzene	< 0.0004
Chloroform	< 0.004
1,4-Dichlorobenzene	< 0.0004
1,2-Dichloroethane	< 0.002
1,1-Dichloroethene	< 0.002
Methyl Ethyl Ketone	< 0.005
Pyridine	< 0.01
Tetrachloroethene	< 0.002
Trichloroethene	< 0.002
Vinyl Chloride	< 0.01
BASE NEUTRALS, TCLP	
Hexachlorobutadiene	< 0.002
Hexachlorobenzene	< 0.002
2,4-Dinitrotoluene	< 0.002
Hexachloroethane	< 0.002

US EPA ARCHIVE DOCUMENT

LAB#	9200435
UNITS	mg/l
Nitrobenzene	< 0.002
ACID EXTRACTS, TCLP	
M,O,P Cresol	< 0.005
Pentachlorophenol	< 0.02
2,4,5-Trichlorophenol	< 0.005
2,4,6-Trichlorophenol	< 0.005
PESTICIDES, TCLP	
Chlordane	< 0.0003
Heptachlor Epoxide	< 0.002
Endrin	< 0.00002
gamma-BHC (Lindane)	< 0.0001
Methoxychlor	< 0.004
Toxaphene	< 0.004
HERBICIDES, TCLP	
2,4-D	< 0.004
2,4,5-TP (Silvex)	< 0.002

Canton Analytical Laboratory, Inc.
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TCLP WASTE CHARACTERIZATION

PARAMETER	WASTE NUMBER	REGULATORY LEVEL (mg/l)
Flash Point	D001	<140 F
Corrosivity (pH)	D002	<2.0 or >12.5
Reactivity (as Cyanide, Sulfide)	D003	Level to be determined on case by case basis.
TCLP Extraction		
Arsenic (As)	D004	5.0
Barium (Ba)	D005	100.0
Cadmium (Cd)	D006	1.0
Chromium (Cr)	D007	5.0
Lead (Pb)	D008	5.0
Mercury (Hg)	D009	0.2
Selenium (Se)	D010	1.0
Silver (Ag)	D011	5.0
Copper (Cu)	001D	100.0
Zinc (Zn)	003D	500.0
Volatile Organic Compounds (Zero Headspace Extraction)		
Benzene	D018	0.5
Carbon Tetrachloride	D019	0.5
Chlorobenzene	D021	100.0
Chloroform	D022	6.0
1,4-Dichlorobenzene	D027	7.5
1,2-Dichloroethane	D028	0.5
1,1-Dichloroethylene	D029	0.7
Methyl Ethyl Ketone	D035	200.0
Tetrachloroethylene	D039	0.7
Trichloroethylene	D040	0.5
Vinyl Chloride	D043	0.2
Pyridine	D038	5.0

Canton Analytical Laboratory, Inc.
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TCLP WASTE CHARACTERIZATION

PARAMETER	WASTE NUMBER	REGULATORY LEVEL (mg/l)
Acid Extractables (TCLP Extraction)		
o-Cresol	D023	200.0
m-Cresol	D024	200.0
p-Cresol	D025	200.0
Cresol	D026	200.0
Pentachlorophenol	D037	100.0
2,4,5-Trichlorophenol	D041	400.0
2,4,6-Trichlorophenol	D042	2.0
Base neutral compounds (TCLP Extraction)		
Hexachlorobenzene	D032	0.13
Hexachloro-1,3-butadiene	D033	0.5
Hexachloroethane	D034	3.0
Nitrobenzene	D036	2.0
2,4-Dinitrotoluene	D030	0.13
Pesticides (TCLP Extraction)		
Endrin	D012	0.02
Lindane	D013	0.4
Methoxychlor	D014	10.0
Chlorodane	D020	0.03
Heptachlor	D031	0.008
Herbicides (TCLP Extraction)		
2,4-D	D016	10.0
2,4,5-TP (Silvex)	D017	1.0

US EPA ARCHIVE DOCUMENT

M E M O R A N D U M

TO: Tom Parsons

CC: Todd W. Herrick, Robert Hawkes, Norm Robinson, Jim Sciarini, Gerry Bufton

FROM: Bruce McCuaig BRM

DATE: July 1, 1992

SUBJECT: Your Memorandum of June 29, 1992 (Underground Storage Tanks)

G. Bufton's memorandum of April 20, 1990 was reviewed at the time of receipt. While memo was brief, there was no indication that proper methods would not be used as required by the State with further safeguards to protect our interests. A comparison of Bufton's memo with mine shows that both indicate excavating, sampling and analyzing soil, and filling holes if no obvious contamination is noted. The difference lies in the methods used.

If G. Bufton had discussed this removal with me, the necessary removal procedures could have been addressed. His failure to communicate suggested that removal would be properly done.

Your memorandum attaches a "Registration for Underground Storage Tanks", unsigned and undated. Since no mention of this was included in G. Bufton's letter to the State of October 25, 1990, when was it sent? Note that this information was requested in my March 19, 1992 request. No answer has been received despite repeated subsequent requests.

We received authorization to remove the underground tank after 7/29/90. With the authorization was an attachment indicating "Site Assessment for an UST System". A comparison of this authorization with our records indicates:

1. Only one soil sample taken, not the several samples required.

2. Soil samples taken even though a water sample may have been adequate. (I suspect that water covered entire floor of excavation. Such should have been noted in the removal report which has been requested on March 19, 1992, but not supplied.)

3. Who was the qualified person doing site assessment? Why was no sidewall sample taken?

4. Analysis required for four parameters. We analyzed for 43 parameters which did not include the necessary four.

To date we have spent over $40,000 to provide a site assessment, in lieu of the one improperly done, and to partially investigate extent of the contamination. The work continues in order to indicate a remedy which must then be resolved.

WBM/bd
Attachments
UST removal authorization
WBM memos of March 19 and June 22, (1992)

A:\ParsoUST.WBM

US EPA ARCHIVE DOCUMENT

STATE OF MICHIGAN

JAMES J. BLANCHARD, GOVERNOR
DEPARTMENT OF STATE POLICE
COL. R. T. DAVIS, DIRECTOR

FIRE MARSHAL DIVISION
HAZARDOUS MATERIALS SECTION
3705 WEST JOLLY ROAD
P.O. BOX 30157
LANSING, MICHIGAN 48909

PHONE: 517 334-7079
FAX: 517 882 0450

Re: Reporting of UST Closure
Location: Stone Rd.
Tecumseh
Facility ID#: 2378

Dear UST Owner/Operator:

We have received your notice of intent to permanently close an UST system on or after 7/29/90.

You MUST submit a revised copy of the Michigan UST Registration Form ***AFTER*** the system has been properly closed/removed. This will ensure that your tank(s) are removed from the active UST database.

U.S. Environmental Protection Agency rules require that a site assessment be made to determine if contamination has occurred. Site assessment records MUST be maintained for three (3) years, and a copy forwarded to the Enforcement unit.

The UST storing flammable or commbustible liquid must be removed from the ground. Closure in place by cleaning and filling 100% with a solid inert material (sand, concrete, gravel) is only permitted if the UST is located under a building or permanent structure, and removal would cause damage to that structure. It is the responsibility of the owner/operator to make this determination and document and retain this pertinent information. These requirements do not apply to USTs storing heating oil for consumptive use on the premisis. However, the Fire Marshal Division recommends that all USTs that are permanently closed be removed from the ground.

Sincerely,

David T Smith

D/Lt. David T. Smith Commander
Enforcement Unit

DTS/tlh
attachment

US EPA ARCHIVE DOCUMENT

STATE OF MICHIGAN

JAMES J. BLANCHARD, GOVERNOR
DEPARTMENT OF STATE POLICE
COL. R. T. DAVIS, DIRECTOR

FIRE MARSHAL DIVISION
HAZARDOUS MATERIALS SECTION
3705 WEST JOLLY ROAD
P.O. BOX 30157
LANSING, MICHIGAN 48909

PHONE: 517 334-7079
FAX: 517 882-0450

TO : Interested Parties

FROM : D/Lt. David T. Smith, DTS Commander, Enforcement Unit, Hazardous Materials Section

SUBJECT : Site Assessment for an UST System

The U.S. Environmental Protection Agency rules for USTs containing regulated substances require that a site assessment be performed when:

-Sec. 280.72 - change-in-service occurs: the UST system is no longer used to store a regulated substance, OR

- permanent closure of an UST system occurs: the UST is cleaned and filled in-place with a solid inert material or the UST is removed (even if a new UST is to be installed).

The following recommendations have been developed by the Fire Marshal Division and the Department of Natural Resources to assist owners and operators in meeting the federal requirements and performing adequate site assessments.

The site assessment requires sampling of soil/water either before tank removal or when an UST may be abandoned in place via soil borings, or after tank removal by qualified personnel using generally accepted sampling procedures (see: DNR Quality Assurance for Water Sediment Sampling or EPA 540/P-87/001, A Compendium of Superfund Field Operations and Methods) as follows:

One (1) grab sample from the excavation floor underneath the drop tube area for each tank removed AND...

One (1) grab sample from the excavation floor underneath the opposite end of the tank for each tank removed.

In lieu of bottom soil samples; One (1) water sample, if water covers the entire floor of the excavation. If water is present in only part of the excavation, a water sample may be substituted for a soil sample on a one for one basis.

One (1) additional composite sidewall sample when deemed necessary by the State Fire Marshal, Department of Natural Resources, or the qualified person performing the site assessment.

One (1) composite sample from points along the piping run likely to leak (i.e., joints, unions, elbows, under dispensers). One composite sample should not exceed five (5) discrete sampling points.

US EPA ARCHIVE DOCUMENT

Samples should be analyzed using EPA, DNR, or equivalent methods as follows:

a. Apply EPA Method 602/MDNR Scan 2 (benzene, toluene, ethylbenzene, xylenes) where the product stored was: gasoline, No. 1 or No. 2 diesel, kerosene, unknown, or other light petroleum.

b. A Total Petroleum Hydrocarbons analysis (EPA method 418.1, 40CFR 136) where the tank stored motor oil, used oil, unknown, or other heavy petroleum fractions.

c. Where hazardous substances are stored, analyze by an approved method for the substance stored or primary constituent.

For most owner/operators, an environmental consultant will be needed to perform this assessment. To locate a qualified person in your area, look in the Yellow Pages under Engineers: environmental or geotechnical.

A copy of the site assessment report must be forwarded to: Michigan State Police, Fire Marshal Division, P.O. BOX 30157, Lansing, MI 48909. You must maintain a copy for three (3) years.

PLEASE NOTE

IF YOU FIND VISIBLE EVIDENCE OF CONTAMINATION DURING EXCAVATION, OR IF YOUR SIGHT ASSESSMENT SHOWS CONTAMINATION YOU MUST REPORT A CONFIMED RELEASE TO THE FIRE MARSHAL DIVISION BY TELEPHONE TO 1-800-MICH UST (WITHIN MICHIGAN), 517/334-7079 (OUTSIDE MICHIGAN) OR BY FAX TO 517/882-0450 WITHIN 24 HOURS. YOU WILL THEN FOLLOW THE DNR RULES FOR TESTING AND CLEAN UP.

"Visible Evidence" means the smell of product odors, the presence of a product sheen on water in the excavation, or any positive indication of product vapor from monitoring equipment such as H-Nu meters, organic vapor analyzers, or combustible gas detectors. Also, the sight of stained soils in conjunction with the above is deemed visible evidence.

If you have any questions regarding this letter, please call 1-800-MICH UST.

DTS/TLH

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS COMPANY

TECUMSEH, MICHIGAN 49286

TO: Tom Parsons

CC: Robert Hawkes, Jim Sciarini

FROM: Bruce McCuaig WBM.

DATE: March 19, 1992

SUBJECT: Corporate Airport
Underground Storage Tanks (UST's)

EXECUTIVE OFFICES

W. Bruce Mc Cuaig
Director of Environmental Control

Per your memorandum of February 21, 1992, the environmental assessment and UST programs at the airport are being supervised by me. I requested available data from Jerry plus a status review and was given some files and told it was all there.

There are serious discrepancies in the data provided. Additional information is herewith requested.

1. Please provide copies of all UST registrations both before and after removal of the UST's. Copies to be signed, dated, with the cover submittal letter. (Has the remaining tank been listed as Jet A fuel?

2. Provide documentation that leak detection had been implemented on the removed UST before 12/22/89. What method was utilized?

3. Copy of the removal and testing report indicating method of sample collection, number of samples collected, and sample analysis. Please provide copy of cover letter to this report.

4. Copy of letter providing the MIS data of 1991 to the State. What did we send to the State?

5. MIS issued a Work Plan to the State in February, 1992. Have they been paid for this service?

WBM/bd

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US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS COMPANY

TECUMSEH, MICHIGAN 49286

TO: General Managers of Facilities with Underground Storage Tanks (USTs)

CC: R. Hawkes

FROM: B. McCuaig WBM

DATE: June 22, 1992

SUBJECT: Tank Removal Requirements

EXECUTIVE OFFICES

W. Bruce Mc Cuaig
Director of Environmental Control

This document supplements regulatory requirements of your State. It applies to both regulated (gasoline, chemicals, etc.) and non-regulated (fuel oil for onsite use) when tanks and tank piping are removed from the ground.

Recently a tank was removed by a contractor without proper equipment and/or supervision with samples not taken as required and sample analysis parameters in error. This has resulted in a required engineering study with borings, analyses, etc. to document a confirmed release, further studies to define the extent of release to soils and groundwater, and subsequent removal of the contaminants from the soils and water, all at significant cost. Based on current study data, the consultant believes that these costs could have been significantly reduced with the proper removal of tank and localized contaminated soils and proper sample collection and analysis. Such costly mistakes must not be repeated.

General rules for UST removals include:

1. For States with reimbursement provisions, ensure that UST system is properly registered with fee paid.

2. Obtain permission from State agency (i.e. the Fire Marshall) to remove UST system. Agency or regulations will define sample collection method, sample frequency, and analyses. At a minimum, these must be met.

US EPA ARCHIVE DOCUMENT

3. Contract for removal with one of:

   (a) Contractor familiar with rules of State, adequately trained to handle removal and field analytical equipment, user of field analytical equipment proper, and suitably calibrated, for tank product. Contractor will provide report indicating field observations, field data, sample collection method, etc. Contractor to be suitably insured for errors and omissions, etc.

   (b) Combination of consultant and contractor to meet requirement of (a) above.

4. Facility Action Plan to include supervision of removal operation and logistics for soil retention if contamination found.

WBM/bd

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Storage Tank & Bulk System Identification

Name	Location	Product	Capacity in Gallons	Dia. Inches	Height Inches	Remarks
Oil Towers (6)	Inside of Building on the south end of F Bldg.	Refrigeration Oil	294	30	96	
Storage Tank	Inside of Building on the south end of F Bldg.	Refrigeration Oil	573	48.38	72	
Storage Tank	Inside of Building on the south end of F Bldg.	Refrigeration Oil	832	56	78	
Baron	Inside of Building on the south end of F Bldg.	Refrigeration Oil	529	46.5	72	
Baron (2)	Inside of Building on the south end of F Bldg.	Refrigeration Oil	500			

MEMORANDUM

May 7, 1993

To: T. Parsons, J. Sciarini

From: G. Bufton

Subject: EPA Final Preliminary Assessment And Visual Site Inspection Report Resulting From Inspection Of This Facility On April 28, 1992.

The inspection identified twelve SWMU's (solid waste management unit) with no AOC's (areas of concern).

Priority for Inspection was rated as Low (inspect on time - available basis).

A complete copy of the report is available and on file in my office.

GB/pez
EPAFNL

US EPA ARCHIVE DOCUMENT

ENVIRONMENTAL SERVICES

M. L. CHARTIER, INC.

9195 MARINE CITY HWY • P.O. BOX 230069 • FAIR HAVEN, MI 48023-0069 • PHONE (810) 725-8373 • FAX (810) 725-1450

January 16, 1997

Mr Claude Walker
Tecumseh Products Co
100 E Patterson St
Tecumseh MI 49286

SUBJECT: Underground Storage Tank Management

Dear Mr Walker:

M. L. Chartier, Inc. (MLC) began serving the needs of the petroleum industry in 1954. MLC has made a solid commitment to excellence, in the environmental services we provide and in the professional team of employees we employ to provide these services.

MLC was included on the original Michigan Department of Natural Resources (MDNR) list of Approved UST Contractors and currently works with numerous Qualified Underground Storage Tank Consultants.

The United States Environmental Protection Agency in conjunction with the Michigan Department of Environmental Quality (MDEQ) has issued a regulatory compliance date for all UST systems to be upgraded or removed by December 22, 1998. The MDEQ has indicated that non-compliance to this date will result in "red tagging" and/or fines.

MLC can provide a wide range of services including UST removal, remedial investigations, thermal soil remediation, lagoon closures, hazardous/non-hazardous waste transportation, and emergency spill response.

If you have not retained the services of a qualified UST contractor or are dissatisfied with the services you are currently receiving, MLC would be pleased to discuss your individual project needs and provide you with a cost estimate to meet those needs. Please feel free to contact me at 810-725-8373.

Sincerely,

M. L. CHARTIER, INC.

Bill Slaughter

Bill Slaughter
Project Manager/HAZMAT Specialist

US EPA ARCHIVE DOCUMENT

3-24-92

To Buff: Pull together the requested info or note where not available. Bring in & review with me by 4-7 before going to Brown.

Tom

TECUMSEH PRODUCTS COMPANY

TECUMSEH, MICHIGAN 49286

TO: Tom Parsons

CC: Robert Hawkes, Jim Sciarini

FROM: Bruce McCuaig WBM.

DATE: March 19, 1992

SUBJECT: Corporate Airport
Underground Storage Tanks (UST's)

EXECUTIVE OFFICES

W. Bruce Mc Cuaig
Director of Environmental Control

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5. MIS issued a Work Plan to the State in February, 1992. Have they been paid for this service?

WBM/bd

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TECUMSEH PRODUCTS COMPANY

TECUMSEH, MICHIGAN 49286

April 15, 1993

EXECUTIVE OFFICES

W. Bruce Mc Cuaig
Director of Environmental Control

Mr. Jim Sciarini
Tecumseh Division
100 E. Patterson St.
Tecumseh, Michigan 49286

Dear Jim:

Underground Storage Tank regulations require that our Company demonstrate financial responsibility under Subpart H of 40CFR280.

The appended letter, demonstrative compliance, should be kept in your files. This letter will be updated yearly.

The original of this compliance letter and the necessary financial test for the self-insurance mechanism is in my files. This specific information will be made available upon request to the implementing agency.

Cordially yours,

Tecumseh Products Company

W.B. McCuaig, P.E.

WBM/bd
Enc.

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS COMPANY

TECUMSEH, MICHIGAN 49286

April 15, 1993

EXECUTIVE OFFICES

John H. Foss
Vice President, Treasurer
and Chief Financial Officer

Re: Certification of Financial Responsibility

Tecumseh Products Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

> Financial test of self-insurance to demonstrate financial responsibility through April 15, 1994 for taking corrective action and/or compensating third parties for bodily injury and property damage caused by sudden accidental releases and/or nonsudden accidental releases in the amount of at least $1,000,000 per occurrence and $1,000,000 annual aggregate arising from operating underground storage tanks.

TECUMSEH PRODUCTS COMPANY

By: John H. Foss

John H. Foss
Vice President, Treasurer
and Chief Financial Officer

Subscribed and sworn to before me this 15th day of April 1993.

Debra L. Blanden

Debra L. Blanden
Notary Public
State of Michigan
County of Lenawee
My Commission Expires: 8/29/94

US EPA ARCHIVE DOCUMENT

Appendix I:

Interview Documentation

US EPA ARCHIVE DOCUMENT

RECORD OF INTERVIEW

For interviews with site owner/occupant/manager, municipal offices, fire department, city assessor, building department, health department, utilities, regulatory staff

Date: September 26, 2008 Job Number: 08004636

Conducted by: Robert Lamkin Owner/Client: Tecumseh Products/Fifth Third

Talked with: Randy Kopke Of: Tecumseh Products

Location of interview: (On-site) Telephone Municipal Offices

Main subject of interview Mr. Kopke provided information on the site history and activities. He had no knowledge of any previous subsurface investigations. Mr. Kopke accompanied Atwell during the site inspection; and provided available UST/AST inventory information, assessment information, and site diagrams

US EPA ARCHIVE DOCUMENT

RECORD OF INTERVIEW

For interviews with site owner/occupant/manager, municipal offices, fire department, city assessor, building department, health department, utilities, regulatory staff

Date: September 26, 2008 Job Number: 08004036

Conducted by: Robert Lamkin Owner/Client: Tecumseh Products/Fifth Third

Talked with: John Knapp Of: Tecumseh Products

Location of interview: (On-site) Telephone Municipal Offices

Main subject of interview Mr. Knapp is the Quality/Environmental Systems manager. He has worked for Tecumseh for several years and had no knowledge of any previous subsurface investigations. He did indicate there were previously USTs on the property and directed me to a storage area where all of their environmental records are maintained

US EPA ARCHIVE DOCUMENT

RECORD OF INTERVIEW

For interviews with site owner/occupant/manager, municipal offices, fire department, city assessor, building department, health department, utilities, regulatory staff

Date: September 26, 2008 Job Number: 08004036

Conducted by: Robert Lambda Owner/Client: Tecumseh Products/Fifth Third

Talked with: Amanda Lacelle Of:

Location of interview: On-site Telephone Municipal Offices

Main subject of interview Ms. Lacelle is the Tecumseh Assessor. She indicated she really has no idea how big the Tecumseh Products building is but it is over 300,000 ft². They have been contesting their appraised value. She was aware of a pending sale to Consolidated Biscuit but had no knowledge of any environmental issues on the property

US EPA ARCHIVE DOCUMENT

RECORD OF INTERVIEW

For interviews with site owner/occupant/manager, municipal offices, fire department, city assessor, building department, health department, utilities, regulatory staff

Date: September 26, 2008 Job Number: 08004636

Conducted by: Robert Lamkin Owner/Client: Tecumseh Products/Fifth Third

Talked with: Mark Munroe Of: Tecumseh Fire Department

Location of interview: On-site Telephone Municipal Offices Fire Department

Main subject of interview Mr. Munroe has been a Tecumseh fireman for over 20 years. He indicated the Havick Family (founders of Tecumseh Products) donated the land for their building, one of their fire engines, and one-half of the money for a second engine. He had no knowledge of any environmental concerns but considering the relationship between Tecumseh Products and the municipality thought no one spent much time investigating that property.

US EPA ARCHIVE DOCUMENT

Appendix J:

Miscellaneous Information

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Site Inspection Environmental Checklist

Customer Information: Fifth Third Bank

Name: Mr. Mike Mendenhall	Inspector Name: Robert Lambdin	
Facility Name: Tecumseh Products	Site Contact Present? (Yes) No: Randy Kopke	Weather Conditions? Sunny 75°
Address: 100 & 101 East Patterson	Site Contact Name: Randy Kopke	Date: 9/26/08
City, State: Tecumseh, MI / Zip Code: 49286	Property Zoning: Residential Commercial Industrial Other — I-1 = Industrial	

Describe the Nature of the Business: manufacturing

Describe the Products Produced: Now - moving out; previously - small engines, air conditioning compressors

Describe the Services Conducted at the Facility: manufacturing

General Site Conditions

General Facility Condition: Exterior Good Fair (Poor)

	Yes or No	Location	Comments
Distressed vegetation, stained surfaces or disturbed soils	Yes	SE property corner near transformers 13, 14, 15	
Fill material, mounds, sinks or depressions	No		
Ponds, pits, lagoons	No		
Unexplained pipes, caps or vents	NO		

Petroleum and Chemical Storage Areas

Are ASTs present? (Yes) No — Number: 16

Contents and Size:	Inside diked areas? Yes No	Secondary Containments? (Yes) No	Are spills or leaks evident? (Yes) No
oils, 3,000 - 10,000			

Location: Building "D" & north side of Building "T", Building "R"

Condition of Tanks Good (Acceptable) Poor — Comments:

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Are drums present? (Yes) No			Number: >100
Contents: Oils	Hazardous Wastes? Yes (No)	Drums stored neatly? (Yes) No	Are spills or leaks evident? (Yes) No
Location: Throughout building but particularly at Oil & Chemical Storage Bldg; Building E			
Condition of Drums: Good (Acceptable) Poor			Comments
Are there USTs present? (Yes) No			Number: 3
Contents and Size: 15,000; 20,000; 20,000 - oils; closed-in-place	Vent pipes or fill ports visible? Yes (No)	Evidence of spills or leaks around pipes or service pumps? Yes (No)	
Are USTs in use? Yes (No)	Evidence of UST upgrades? Yes (No)		
UST monitoring system present? Yes (No)	Model type and number:		
Monitoring records present? Yes (No)	Auto Leak Reports present? Yes (No)		
Notes: closed in place			

Waste Handling Operations

Hazardous Waste Storage present? Yes (No)				Are Floor Drains Present? Yes No
Signs Posted? Yes No	Containers Tight? Yes No	Spill control availability? Yes No	SPCC? Diking? CB's?	Excessive waste storage? Yes No
Are hazardous wastes being discharged on site? Yes No If yes, describe				
Are Oil/Water Separator's Present? Yes No	Are Trench Drains present? Yes No			

Non-Hazardous Process Waste and Trash Storage Areas

Description	Good	Acceptable	Poor	N/A and/or Comments
Waste Storage Area		✓		
Trash/Garbage Area		✓		
Scrap Metal Area				N/A
Sludge Storage Area				N/A
Waste Piles				N/A

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Description	Good	Acceptable	Poor	N/A and/or Comments
Drum Storage		✓		
Floor Drains			✓	Some Stains near drain
Other				

Wastewater and Storm Water Handling

Wastewater Treatment System present? (Yes) No

Source of waste water treated on site: plant production

Discharge Location: Municipal System

Description:	Good	Acceptable	Poor	Comments
Equipment Appearance	✓			
Housekeeping		✓		
Chemical Storage		✓		
Oil/Water Seperator(s)				None

Are there any steam cleaning operations on-site? (Yes) No If yes, state discharge location: north side of Building W/E

Storm Water System: Municipal

Description:	Good	Acceptable	Poor	Comments
Production Areas		✓		
Perimeter Areas		✓		
Off Site Areas		✓		
Drainage Ditches		✓		
Sediment Trap(s)				none

Storm Water Retention or Detention Ponds on Site: none

Notes:

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Air Emissions

Control Systems: Are there air emission systems? Yes (No) If yes, continue

There were in the past

Visible emissions? Yes (No)

Odors? Yes (No)

Description:	Good	Acceptable	Poor	Comments
Equipment Operational				Turned off
Equipment Condition				Turned off

Asbestos / Polychlorinated Biphenyls (PCBs) / Lead Based Paint

Asbestos: Are any of the following potential asbestos-containing materials on-site? (Yes) No If yes, continue

Description:	Yes	No	Comments/Conditions
Sprayed on fireproofing, soundproofing or insulation		✓	good
Decorative plaster	✓		good
Pipe, boiler or air duct wrapping	✓		poor
Ceiling or floor tile	✓		good
Do they plan to renovate or demolish the building(s)?		✓	

PCBs: are any of the following potential PCB-containing equipment on-site? (Yes) No If yes, continue

Description:	Yes	No	Labeled	Spills or Leaks Evident
Oil filled electrical transformers	Yes		Yes <50ppm	at units 13, 14, 15
Oil filled electrical capacitors	Yes		NO	
Hydraulic systems	Yes		NO	
Waste oil tanks	Yes		NO	
Pole mounted	Yes		Yes <50ppm	

Lead-Based Paint: Are any of the following conditions present at the site? (Yes) No If Yes, continue

Description:	Yes	No	Comments/Conditions
Cracked, blistered or peeling paint?	Yes		poor
Industrial or commercial structures w/exposed beams	Yes		poor
Building(s) constructed in or before 1978?	Yes		poor

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Wetlands

Does property or adjacent site contain any of the following ecological characteristics? Yes (No) If yes, continue

Description:	Yes	No	Location and appearance
Dense woods or vegetation		NO	
Marshes, swamps or bogs		NO	
Rivers, streams, ponds or lakes		NO	

Adjoining Sites

Are any adjacent sites in the following categories? Yes No If yes, continue

Description:	Yes	No	Location and appearance
Gasoline station, auto or motor repairs		NO	
Dry cleaning, photo developing or junkyard		No	
Landfill or waste treatment storage or disposal facilities		No	
Commercial printing or other industrial uses	Yes		

Description of the General Vicinity

Description:	West	North	South	East
Residential	✓	✓		✓
Commercial		✓	✓	✓
Industrial	✓			
Agricultural				
Undeveloped				
Lake or Pond				
River or stream				
School, daycare or playground				
Animal refuge, park or nature area				

Notes:
No observed RECs

ATWELL-HICKS
DEVELOPMENT CONSULTANTS

Conclusion (Inspector's Remarks and Comments)

Other:

Production area toured? (Yes) No	Outside toured? (Yes) No	Property perimeter toured? (Yes) No	Off site area toured? (Yes) No	Complete Access? (Yes) No
Description:	Good	Acceptable	Poor	Comments
Overall Building Condition		X		
Overall Site Condition			(X)	
Overall Site Operations				Shutting down
Overall Housekeeping			(X)	Shutting down

Recommendations

Potential REC's observed?	(Yes) No	UST Testing Needed? Yes	(No)
Asbestos Inspection Needed?	(Yes) No	PCB Equipment Testing Needed? Yes	(No)
Compliance Audit Needed? Yes	(No)	Wetland Survey Needed? Yes	(No)

Notes:
RECs mainly associated with long-term industrial use; USTs, ASTs, stains/leaks

Signature: Robert Lambdin Date: 9/26/08

US EPA ARCHIVE DOCUMENT

CATEGORY "S"
BASELINE ENVIRONMENTAL ASSESSMENT
FORMER TECUMSEH PRODUCTS PLANT
100 AND 101 EAST PATTERSON STREET
TECUMSEH, MICHIGAN
ATC PROJECT NO.: 39.02922.8N01

VOLUME 2 OF 3

US EPA ARCHIVE DOCUMENT

APPENDIX E

ATC'S PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE REPORT

VOLUME 2 OF 3

US EPA ARCHIVE DOCUMENT

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE OF

COMMERCIAL PROPERTY
100 AND 101 EAST PATTERSON, 402, 404 AND 805 SOUTH EVANS, 600 S. OTTAWA AND 420 S. MAUMEE
TECUMSEH, MICHIGAN

ATC PROJECT NO. 39.02922.8n01

OCTOBER 7, 2009

Prepared by:

ATC Associates Inc.
46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
Phone: (248) 669-5140
Fax: (248) 669-5147

Prepared for:

Consolidated Biscuit
c/o Eastman and Smith, Ltd.
Attn: Mr. David W. Nunn
One Seagate 24th Floor
PO Box 10032
Toledo, Ohio 43699-0032

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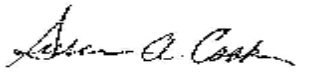
1.0 EXECUTIVE SUMMARY

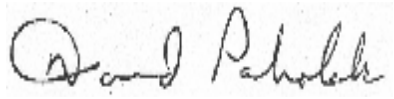
1.1 General Information

ATC has performed a Phase I Environmental Site Assessment (ESA) Update of the October 9, 2009 Phase I ESA prepared by Atwell-Hicks, LLC (Project No. 08004036) for the approximately 59.68 acre industrial property occupied by Tecumseh Products (herein referred to as the "subject property"), at the request of Consolidated Biscuit Company. The subject property is located at 100 and 101 East Patterson; 402, 404 and 805 South Evans; 600 South Ottawa, and 420 South Maumee, in Tecumseh, Lenawee County, Michigan. ATC Associates did not deviate from ASTM Standard Practice E 1527-05 when performing this Phase I ESA Update (i.e. no components of the practice were deleted, and no additions to it were made), except as described in Section 2.0 of this report.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 part of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Susan A. Cook
Senior Project Manager
Environmental Professional



David Paholak
Branch Manager

1.2 Findings and Conclusions Summary

ATC Associates Inc. (ATC) has performed this Phase I Environmental Site Assessment (ESA) Update in conformance with the scope and limitations of ASTM Standard Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report.

Recognized Environmental Conditions & Potential Environmental Concerns

In the professional opinion of ATC, all appropriate inquiry has been made into the previous ownership and uses of the subject property consistent with good commercial and customary practice in an effort to minimize liability, and no evidence or indication of *recognized environmental conditions* (RECs) or *potential concerns* have been revealed in connection to the subject property, except for:

- The historical use of subject property for manufacturing purposes has resulted in documented soil and groundwater contamination on-site.

Historical Recognized Environmental Conditions

This assessment has revealed no evidence of *historical recognized environmental conditions* (HRECs) in connection with the subject property, except as noted above.

1.3 Recommendations

Based on information collected from the Phase I ESA Update, ATC makes the following recommendations:

- Continuing with subsurface investigation activities and/or correction actions on-site and/or off-site with the results to be documented in future reports.

- Characterization and proper disposal of the drums containing soil cutting from previous subsurface investigations.

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA Update was to identify *recognized environmental conditions* and certain potential environmental conditions outside the scope of ASTM Standard Practice E 1527-05 in connection with the property at the time of the site reconnaissance. This report documents the findings, opinions and conclusions of the Phase I ESA Update.

2.2 Scope

This Phase I ESA Update was conducted in general accordance with the ASTM Standard Practice E 1527-05, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions or exceptions to ASTM Standard Practice E 1527-05 are noted below or in the corresponding sections of this report. The scope of this assessment included an evaluation of the following: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice 1527-05 and therefore, the entire report must be updated to reflect current conditions and property-specific information.

ATC did not significantly delete or deviate from the recommended exercises set forth in ASTM Practice E 1527-05 when completing this Phase I ESA Update. The scope-of-services did not include consideration of any potential environmental conditions that are outside the scope of ASTM Practice E 1527-05.

2.3 Significant Assumption

Any assumptions in this report were not considered as having significant impact on the determination of *recognized environmental conditions* associated with the property.

2.4 Limitations and Exceptions

ATC has prepared this Phase I ESA Update report using reasonable efforts to identify *recognized environmental conditions* associated with hazardous substances or petroleum products at the property. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and interviews. Additionally, this Update was prepared using the 2008 Phase I ESA report prepared by another consultant, whose work was not independently verified.

ATC makes no warranty, guaranty or certification regarding the quality, accuracy or reliability of the 2008 report provided to ATC and discussed in this Phase I ESA Update report. ATC expressly disclaims any and all liability for any errors or omissions contained in any prior reports provided to ATC for the subject property and discussed in this Phase I ESA Update report.

The ASTM Standard Practice E 1527-05 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

- *Uncertainty Not Eliminated* – A Phase I ESA or a Phase I ESA Update cannot completely eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with any property.

- *Not Exhaustive* – A Phase I ESA or a Phase I ESA Update is not an exhaustive investigation of the property and environmental conditions on such property.

Users of this report may refer to ASTM Standard Practice E 1527-05 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews and reviews of historical environmental reports. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

ATC makes no representation or warranty that the past or current operations at the property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts not fully disclosed to ATC during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by ATC's observations or other credible referenced sources reviewed during the assessment. ATC shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

ATC used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the property during the assessment. "Reasonable efforts" were limited to observation of accessible areas and interviews, as well as prior environmental reports (if available) and work performed by or at the direction of ATC. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations and other factors associated with performing the Phase I ESA Update. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of ATC.

ATC is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the property in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

The Environmental Professional Statement in Section 1.1 of this report does not "certify" the findings contained in this report and is not a legal opinion of such *Environmental Professional*. The *Environmental*

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Professional Statement is intended to document ATC's opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the *Environmental Professional* were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E 1527-05, and the scope of work for this assessment.

Per ASTM Standard Practice E 1527-05, Section 3, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of *recognized environmental conditions* in connection with the property. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for *Landowner Liability Protections* (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). ATC makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

2.5 Special Terms and Conditions (User Reliance)

This report was prepared for the use and benefit of, and may be relied upon by Consolidated Biscuit Company, Fifth Third Bank, any other lenders designated by Consolidate Biscuit Company and any other parties authorized in writing by Consolidated Biscuit Company and ATC. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual property conditions may change with time, and that hidden conditions may exist at the subject property that were not discoverable within the authorized scope of the assessment.

ATC makes no other representation to any other third party, except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembly of data and information related thereto. No other warranties are made to any third party, either expressed or implied. ATC's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a maximum of $50,000.

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3.0 REGULATORY RECORDS REVIEW

3.1 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by EDR of Milford, Connecticut, was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the property. ATC also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence, but are potentially in the general area of the property based on the partial street address, city, or zip code. Any unmappable site that was identified by ATC as a being within the approximate minimum search distance from the property based on the site reconnaissance and/or cross-referencing to mapped listings, is included in the discussion within this section. The complete regulatory agency database report may be found in Appendix B.

The following is a summary of the findings of the database review.

SUMMARY OF FEDERAL, STATE AND TRIBAL DATABASE FINDINGS			
Regulatory Database	**Approx. Minimum Search Distance**	**Property Listed?**	**# Sites Listed**
Federal National Priority (NPL)	1 mile	No	0
Federal Delisted NPL	½ mile	No	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	½ mile	No	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP)	½ mile	Yes	1
Federal Resource Conservation and Recovery Act (RCRA), Corrective Action facilities (CORRACTS)	1 mile	Yes	1
Federal RCRIS non- CORRACTS Treatment, Storage, and Disposal Facilities (TSD)	½ mile	Yes	1
Federal RCRA Generators	Property & Adjoining	Yes	1
Federal Institutional Control/Engineering Control Registry	Property	No	0
Federal Emergency Response Notification System (ERNS) list	Property	Yes	1
State and Tribal NPL	1 mile	No	0
State and Tribal CERCLIS	½ mile	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile	No	0
State and Tribal Leaking Underground Storage Tanks (LUST)	½ mile	No	11
State and Tribal Registered Underground Storage Tanks (UST)	Property & Adjoining	Yes	2
State and Tribal Registered Above Ground Storage Tanks (AST)	Property & Adjoining	No	0
State and Tribal Institutional Control/Engineering Control Registry	Property	No	0
State and Tribal Baseline Environmental Assessment (BEA)	Property & Adjoining	No	3
State and Tribal Brownfield Sites	½ mile	No	0

Note: Some Federal and State facilities listed in the EDR database report are located outside the designated search distance (see Appendix B); therefore, these facilities are not listed in the chart above.

3.1.1 Federal Agency Database Findings

The following listing(s) with a known or significant potential for release and impact on the property were identified, within the specified search radii, in the federal databases searched:

Tecumseh Products Incorporated
100 East Patterson Street
Tecumseh, Michigan
Databases: RCRA-SQG; RCRA-TSD; CORRACTS; CERC-NFRAP; ERNS; SPILLS; NPDES
Approximate Distance from the Property: Subject Property
Groundwater Gradient: inferred to the east
Regulatory Data Summary: Information from the environmental database report indicates that Tecumseh Products is listed as a small quantity generator (SQG) and a transporter, storage and disposal (TSD) of RCRA hazardous waste with violations, as a CORRACTS site associated with RCRA Correction Action, and as a CERC-NFRAP site. CERC-NFRAP sites are archived sites where no further remedial action is planned as determined by the Environmental Protection Agency (EPA). The subject property preliminary assessment was completed in 1993 and archived in 1995.
Discussion: No new incidents or listings have been identified for the subject property since those identified in the prior 2008 report (Appendix E). Based on the lack of information related to the RCRA, CORRACTs, and CERCLIS-NFRAP listings, further investigation was recommended at that time. The ERNs incident on-site dates back to 1992 and is associated with the overflow of a crude oil storage tank. The SPILLS incident occurred in 2003 and was indicated to result from a system that was overfilled with oil during the unloading of a truck. Reportedly the oil was cleaned up before it entered the storm sewer. Refer to Section 7.0 of this report for a discussion of the subsurface investigations undertaken at the subject property since the completion of the 2008 Phase I ESA. Based on the information gathered and reviewed to date, ATC recommends that subsurface investigation activities and/or correction actions on-site and/or off-site be continued with the results documented in future reports.

No additional properties, including orphan listings, were identified in any of the federal databases listed above within the specified search radii.

3.1.2 State and Tribal Database Findings

The following listing(s) with a known or significant potential for release and impact on the property were identified, within the specified search radii, in the state databases searched:

Tecumseh Products Incorporated
100 East Patterson Street
Tecumseh, Michigan
Databases: UST
Approximate Distance from the Property: Subject Property
Groundwater Gradient: inferred to the east
Regulatory Data Summary: Information from the environmental database report indicates that 15 underground storage tanks (USTs) have been removed from the property or closed in ground on-site. The capacities of the USTs ranged from 6,000 to 20,000-gallons and were reported to have contained lube oil, kerosene, lap oil, used oil, fuel oil, and hazardous substances that were not identified.
Discussion: Refer to the 2008 Phase I ESA for the subject property included in Appendix E for a discussion of the above listings. Based on the lack of information related to assessment activities associated with the USTs, further investigation was recommended at that time. Refer to Section 7.0 of this report for a discussion of the subsurface investigations undertaken at the subject property since the completion of the 2008 Phase I ESA. Based on the information gathered and reviewed to date, ATC

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recommends that subsurface investigation activities and/or correction actions on-site and/or off-site be continued with the results documented in future reports.

Three adjacent properties have been identified as Baseline Environmental Assessment (BEA) sites (223 E. Patterson and 317 S. Ottawa located to the north, and 610 S. Maumee to the east). Based on their locations across roadways and their locations in positions that are inferred to be hydraulically cross gradient, these BEA sites are considered a low potential to impact the subject property and no further investigation is recommended.

Tecumseh Corrugated Box Co
707 S. Evans Street
Tecumseh, Michigan
Databases: LUST, UST
Approximate Distance from the Property: West adjacent property
Groundwater Gradient: inferred to the east
Regulatory Data Summary: Information from the environmental database report indicates that 2 gasoline USTs (2,000 and 10,000 gallon capacities) and a kerosene UST (15,000 gallon capacity) have been removed from this site. A LUST incident was reported in September 1990 and closed in October 1991.
Discussion: Refer to the 2008 Phase I ESA for the subject property included in Appendix E for a discussion of the LUST incident at this site. No further investigation is recommended at this time.

Consolidated Freightways
424 S. Maumee
Tecumseh, Michigan
Databases: LUST, UST
Approximate Distance from the Property: East adjacent property
Groundwater Gradient: inferred to the east
Regulatory Data Summary: Information from the environmental database report indicates that a LUST incident was reported in July 1991 for a 8,000 gallon diesel UST that was installed on-site in April 1960. The UST was removed in 1991 and the investigation closed in March 1998.
Discussion: Refer to the 2008 Phase I ESA for the subject property included in Appendix E for a discussion of the LUST incident at this site. No further investigation is recommended at this time.

GTE North, Inc.
606 S. Maumee
Tecumseh, Michigan
Databases: LUST, UST
Approximate Distance from the Property: East adjacent property
Groundwater Gradient: inferred to the east
Regulatory Data Summary: Information from the environmental database report indicates that a LUST incident was reported in June 1992 for a the release from a 6,000-gallon gasoline UST and a 500-gallon used oil UST that were installed in the 1970s and removed in 1992. The release was closed in 1994.
Discussion: Refer to the 2008 Phase I ESA for the subject property included in Appendix E for a discussion of the LUST incident at this site. No further investigation is recommended at this time.

The remaining LUST sites listed on the database are located over 500 feet from the subject property. Based upon their locations in positions that are inferred to be cross or down gradient, distance and intervening infrastructure (including roadways, utility corridors and structures with foundations), it is ATC's opinion that these sites have a low potential to adversely impact the subject property and no further investigation is recommended.

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No additional properties, including orphan listings, were identified in any of the state databases listed above within the specified search radii.

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4.0 SITE RECONNAISSANCE

The following is a summary of visual and/or physical observations of the property on the day of the site visit. Photographs can be found in Appendix A.

4.1 Location and Current Use of the Property

The subject property is currently occupied by Tecumseh Products and consists of offices, a manufacturing plant and storage warehouses, as well as parking lots that are currently utilized for security, administrative and product testing purposes, as well as employee parking. Refer to the 2008 Phase I ESA in Appendix B for a discussion of the historical usage of the subject property.

4.2 Methodology and Limiting Conditions

Ms. Susan Cook and Mr. Kevin LaForge of ATC conducted a reconnaissance of the subject property and the surrounding area on September 25, 2009. Ms. Cook and Mr. LaForge were accompanied by Mr. Randy Kopke, property manager of Tecumseh Products during the inspection of the interior and exterior portions of the subject property.

The site reconnaissance consisted of visual and/or physical observations of: the property and improvements; adjoining sites as viewed from the property; and, the surrounding area based on visual observations made during the trip to and from the property. Unimproved portions of the property (if any) were observed along the perimeter and in a general grid pattern in safely accessible areas. Building exteriors (if any) were observed along the perimeter from the ground, unless described otherwise. Building interiors (if any) were observed, as they were made safely accessible, unless described otherwise.

ATC's access to the subject property was not limited during the assessment, except for the subject building roof. Visual observations of the exterior parking areas were limited due to the presence of vehicles. Weather conditions at the time of the reconnaissance were cloudy with a temperature of approximately 68°F.

4.3 Subject Property Interior and Exterior Surface Observations

The approximately 59.68 acre subject property is improved with an approximately 750,000-square foot industrial building and several outbuildings including a waste water treatment plant, an oil storage building, a truck storage building, a paper shed, and several warehouse/lean to buildings.

A large portion of the manufacturing plant was unoccupied. Security, administrative activities, and limited part testing were observed in small areas of the building. Numerous pop vending machines, miscellaneous storage including pallets, cardboard, hi-lows, metal pipes and duct work, and conveyor racks, as well as machinery and other scattered equipment and parts were observed. No staining was observed associated with these materials. Several dry transformers were also observed within the building.

Scattered de minimis staining was observed in the manufacturing plant (i.e. parts washing and rinsing areas, the oil testing lab, the steam cleaning and vacuum pump stations), the old waste water treatment plant, the oil storage buildings (new and used oils) and the truck storage building. Significant staining was observed on the concrete posts and ceilings in the basement of the manufacturing plant situated below one of the oil storage areas (the Baron Oil Charging System), where releases resulting from poor

housekeeping activities have migrated through the concrete floor and into the basement ceiling, posts and floor.

ATC observed numerous floor drains and several sumps within the manufacturing plant. Reportedly, when historical manufacturing activities occurred at the subject property, the floor drains were routed to a sump that discharged into the old waste water treatment plant, and after treatment the resulting water was discharged to the municipal system. Review of the regulatory database report indicates that Tecumseh Products holds a NPDES permit that expires in 2010 that is associated with the waste water discharge system. Reportedly, no waste water is being produced on-site and all liquids currently discharged on-site are related to sanitary waste and are routed directly to city sewer. De minimis staining was observed near a few of the drains. Refer to Section 7.0 for discussion associated with the subsurface investigation conducted by ATC and RMT to address the environmental concerns associated with the subject property.

A water tower is located to the south of the manufacturing plant. Asphalt and gravel parking and drive areas are located to the east, south, and west of the subject buildings. ATC observed numerous 55-gallon drums that reportedly contained soil cuttings generated during RMT's boring/well installation activities. ATC recommends that the contents of the drums be characterized and properly disposed of. No staining was observed around the drums. Additionally, soil and concrete piles were observed on the south part of the subject property, south of the manufacturing plant associated with internal building activities. Mr. Kopke was unable to provide more detail regarding the specific activities. The piles were observed to cover an area approximately 8 by 10 foot in size that ranged in height from approximately 6 inches to 3 feet. No staining was observed. The concrete debris was visible in photographs contained in the 2008 Phase I ESA. ATC observed monitoring wells at the subject property that are reportedly related to one of the subsurface investigation discussed in Section 7.0.

ATC did not observe evidence of pits, ponds, lagoons, abandoned containers, debris, exterior fill, excavation, or dumping at the subject property.

4.4 Subject Property Hazardous Substances/Petroleum Products Storage & Use

ATC observed the storage of limited chemicals at the subject property. Some chemicals from the former engineering area were observed in the old waste water treatment plant and included cleaners, rinses, corrosives in various size containers ranging from 5 to 60 gallons. Two 55-gal drums of glycol-esters and one of oil were observed situated on the concrete floor of the old machining area.

Numerous small quantities of various non-chlorinated solvents including hexane, methanol, acetone, kerosene, ethylene glycol, ethane, toluene, xylenes, iso-octane, 2-propanol, methl 2 – butyl ether, n-pentane, Stoddard solvent, were observed in the chemical lab in cabinets and were stored in small glass or metal containers ranging up to approximately 5 gallons. Reportedly, there is mercury stored within a manometer in the lab. Mr. Dennis McDonnell, a chemical engineer with Tecumseh, indicates that no chlorinated solvents are located in the lab at this time. No evidence of staining or releases were observed in the lab during the recent site visit.

In the test areas, 1 to 5 gallon plastic and metal containers of refrigerant oil, and a solvent containing parts washer were observed. No evidence of a release was observed near these containers. Observations of the oil charging systems and other test systems, which contain small oil reservoirs, did not indicate any evidence of a release.

A hazardous material storage trailer was observed adjacent to the manufacturing plant. Reportedly, it is not being used currently. Plans are to transfer final hazardous waste materials on-site into this trailer.

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Refer to 4.6 for additional chemical and/or petroleum storage at the subject property. Refer to Appendix D for a list of material inventory on-site.

4.5 Underground Storage Tanks (USTs)

Visual evidence (i.e., pipes, vents, pumps, stains) indicating past or present USTs on the subject property were not apparent during the subject property visit, except for the following:

Two man ways that are reportedly associated with two approximately 15,000-gallon fuel oil USTs which have been abandoned in place (with 1 reportedly filled with sand and 1 reportedly filled with concrete) were observed in the courtyard just south of the old waste water treatment building. Refer to the 2008 Phase I ESA included Appendix E for further discussion of the historical tanks on-site, and to Section 7.0 for a discussion on additional work undertaken in 2008 by ATC to evaluate the presence of USTs on the subject property.

4.6 Aboveground Storage Tanks (ASTs)

ATC observed the following ASTs on-site:

- Four large ASTs (sizes estimated to be approximately 10,000 to 50,000 gallon capacity) are present in a building (identified as "Building R - new waste water treatment") located to the east of the main building. These ASTs are empty and are part of a waste water treatment system which is not currently in-use.
- Two large ASTs, approximately 30,000 gallons each, were observed in the oil storage building ("O" Building) that reportedly contains ester oil and refrigerant oil. Other than possibly residual oil in the bottom of the ASTs, the ASTs appear to empty (based on the empty sight glass meters located on the ends of the ASTs).
- Four used oil ASTs (one approximately 6,000-gallon tank and three approximately 10,000-gallon tanks were observed on the dock of the "T" Building. Two (2) of the ASTs are empty (other than residual oil in the bottom), one (1) of the ASTs contains approximately 1 foot of used oil, and the contents of the fourth ASTs is unconfirmed.
- Two approximately 500-gallon ASTs (red and green in color) containing new oil were observed in an area referenced as the "Baron Oil Charging System". Other than residual oil in the bottom of these ASTs, the ASTs appear to be empty (based on the sight glass meters). There are open, shallow "drip pans" located beneath these AST which have approximately ¼-inch of new oil. Refer to Section 4.3 for further discussion of the staining associated with the use of these tanks.
- Approximately five 50-gallon tanks store oils used for testing compressors in the Engineering Department. The Engineering and Testing areas of the subject building are currently in use by Tecumseh.
- Additionally, two diesel-fired generators (700-gallon reservoirs) are located on-site De minimis staining was observed in these areas; no evidence of a significant release was observed.

De minimis staining was observed in these areas; no evidence of a significant release was observed. Three large tanks were observed in the old waste water treatment plant. These tanks are currently empty and were formerly used as part of an Xenon treatment system for the waste water produced on-site prior to discharge into the sanitary system.

4.7 Subject Property Waste Generation & Disposal

Reportedly, no hazardous waste is currently being generated on-site. Activities on-site are limited to

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security and administrative activities, as well as limited testing within self-contained machines. Solid waste from administrative activities is removed from the subject property by Heritage, a licensed waste hauler, on a regular basis. Sanitary waste produced on-site is routed to the municipal system.

ATC observed approximately three dozen plastic and metal 55-gallon drums and approximately one dozen 5-gal containers of used coolant and used oil in the dock area of "T" Building. No evidence of staining or a release was observed. Refer to Appendix D for a list of material inventory on-site. Refer to Section 4.6 for additional information associated with generated waste at the subject property. ATC did not observe any evidence or indication of unidentified waste containers (e.g., debris piles, topographic irregularities, unusual odors, etc.) or evidence of material releases (e.g., surface stains) on the subject property exterior, except a few areas of de minimis staining.

4.8 Polychlorinated Biphenyls (PCBs)

ATC inspected the subject property for the presence of equipment that is suspect for PCB-content (e.g., pre-1979 fluorescent light ballasts, electric transformers, pre-1979 hydraulic hoists, lifts, elevators, etc.). Suspect PCB-containing equipment at the subject property is limited to fluorescent lights, pad-mounted transformers and an elevator.

Fluorescent lights, in good condition were noted throughout the subject property building. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of PCBs. An inspection of the light ballasts was beyond the scope of work for this assessment. ATC recommends that, if leaking ballasts are identified in the future and/or ballasts are removed during renovations, they should be inspected for labeling regarding the PCB-classification and disposed in accordance with applicable regulations.

Approximately two dozen pad-mounted transformers are located inside the manufacturing plant and approximately six others situated in the parking lot or adjacent to the manufacturing plant. Based on the information obtained during the 2008 site visit (Appendix E), the transformers are liquid-cooled and labeled as containing less than 50 parts per million (ppm) polychlorinated biphenols (PCBs). De minimis staining and distressed vegetation observed in 2008 associated with the transformers situated to the west of the manufacturing building was addressed during ATC's Phase II ESA and RMT's Current Conditions Report discussed in Section 7.0 of this report and included in Appendix E. The transformers are reportedly annually serviced by SD Meyers Company. As their owner, Tecumseh Products is responsible for testing these units for PCB-content, responding to any material releases associated with the transformer, and returning the condition of the real estate surrounding the transformer to its pre-release condition.

A freight elevator is located within the manufacturing plant. Maintenance records were not available. However, the elevator is self maintained by Tecumseh products and inspected by the state on annual basis. Observations of elevator equipment in the basement did not indicate any staining or evidence of leaks from the equipment.

4.9 Utilities

Natural gas and electricity are provided to the subject property by Consumers Energy. Domestic water, as well as sanitary sewer services are provided by the City of Tecumseh. Data failure is noted with regard to the connection dates of these utilities at the subject property. Additionally, fuel oil is used to heat the manufacturing plant. Three large boiler tanks fired by fuel oil that contain caustic chemicals were observed in the boiler room. Refer to Section 4.5 for further discussion.

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There were no water wells or septic systems identified for the subject property during the course of this assessment. However, the property has been used as an industrial facility since at least 1906, therefore, there is a potential that that they were historically used at the subject property.

4.10 Storm Water Management System

The storm water that falls upon the improved parts of the subject property is directed by subject property surface grade to catch basins located in the parking lots that discharge into the municipal sewer system.

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5.0 ENVIRONMENTAL LIEN SEARCH

The User contracted ATC to conduct the review of Environmental Liens and AULs; a lien search was conducted by Ameristar; no environmental liens or encumbrances were indicated. A copy of Ameristar's Public Records Research report is included in Appendix C.

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6.0 INTERVIEWS & SPECIALIZED KNOWLEDGE

6.1 Interviews

The following persons were interviewed to obtain information regarding *recognized environmental conditions* in connection with the property. Pertinent information provided during the below interviews is referenced in applicable sections of this report.

Interviews		
NAME	**TITLE/COMPANY/ROLE**	**YEARS ASSOCIATED**
Mr. Randy Kopke	Corporate Facilities & Property Manager / Tecumseh Products Company/ Site Contact	~ 25 years
Mr. Dennis McDonnell	Chemical Engineer for Tecumseh Products Company	~ 20 years

Mr. Randy Kopke was requested to provide information regarding any prior environmental reports, historical or current releases or staining on-site; the presence of fill dirt; underground and aboveground storage tanks; vent pipes or fill pipes; hazardous waste generation or chemical/petroleum product storage at the subject property; the presence of pits, ponds or lagoons on-site; historical use; environmental liens/activity use limitations, pending lawsuits or other conditions at the subject property that might be expected to environmentally impact the site, as well as the existence of prior reports for the subject property. Information provided by Mr. Kopke is discussed in pertinent sections of this report.

Mr. Dennis McDonnell was requested to provide information regarding chemical storage and use in the Engineering Lab on-site. Information provided by Mr. McDonnell is discussed in Section 5.0

6.2 Specialized Knowledge

The User provided the following specialized knowledge associated with the property. Mr. Randy Kopke, general manager of the subject property, indicates that the subject building is primarily empty, except for security, administrative and engineering testing activities. Currently, no hazardous solid waste is being produced on-site. Reportedly, Consolidated Biscuit, a food production company, is interested in purchasing the subject property and Tecumseh Products (the current owner) expects to sublease space to continue limited operations for a period of time. Plans in general indicate that Consolidated Biscuit expects to store chemical and waste materials associated with its operations on the east side of the building, while Tecumseh Products will store chemicals and associated waste from its operations on the west side of the building. Additionally, Tecumseh Products waste products are also expected to be stored in the new trailer located on the on the west side of the property. No additional specialized knowledge was provided to ATC.

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7.0 PRIOR REPORTS

Information from the following environmental reports were reviewed during the course of this investigation: Phase I ESA prepared by Atwell-Hicks Development Consultants (Atwell-Hicks) for the subject property, dated October 9, 2008; Phase II ESA prepared by ATC Associates for the subject property and dated March 2009; and a Current Conditions Report prepared by RMT Consultants for the subject property, dated September 2009. Refer to Appendix E for copies of the above referenced reports.

The 2008 Phase I ESA by Atwell-Hicks identified the several concerns and RECs associated with the subject property. The following parts of the 2008 Phase I ESA is excerpted directly from the Atwell-Hicks report:

Database/records review:

EDR identified the subject site as a Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS NFRAP), a Corrective Action Report (CORRACTS), a Resource Conservation Recover Act-Treatment, Storage, and Disposal (RCRA-TSDF), a National Pollutant Discharge Elimination System (NPDES), Pollution Emergency Alert System, Spills (PEAS, SPILLS), and an underground storage tank (UST) site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, it is the opinion of the EP that the subject site activities represent an REC.

Historical/Document Review:

Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts, and air conditioning compressors, with associated foundry and machinery operations. Other occupants of the site have included various metal manufacturers. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by releases of petroleum products or other hazardous substances related to the long-term industrial operations or railroad siding represents an REC.

Site reconnaissance findings:

Large quantities (i.e., greater than typical residential use) and/or bulk storage of petroleum products were identified on the subject site during the site reconnaissance. Leaks and stains were noted at numerous areas within the manufacturing (south) building. The most significant area of stains was noted at the Oil Storage Area on the south side of Building "F". In this area, spills from the first floor migrated through the concrete floor and block walls into the basement area. Some of this spillage appears to have migrated into subsurface areas immediately outside the Oil Storage Area. It is the opinion of the EP the leaks and stains associated with the long-term use of various petroleum products and solvents represents an REC to the subject site.

Information provided by representatives of Tecumseh Products indicated that the subject site was previously serviced by as many as seventeen USTs. Reportedly, each of these tanks was permanently closed, although three (3) were referenced in facility documents as closed-in-place. It is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products from USTs represents an REC to the subject site.

Evidence of ten, large ASTs (6,000 to 12,500-gallons) was observed on the subject property during the site reconnaissance. Information provided by representatives of Tecumseh Products indicated that the subject

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site was previously serviced by as many as eight ASTs. There are three large tanks remaining in Building "O" and four on the north side of Building "T". The remaining three tanks are located in the Waste Water Treatment Plant. No evidence of leaks or stains was noted near these three tanks. There are also four smaller tanks (approximately 250-gallons) in capacity in the Engineering Department that store various oils used for testing refrigerative compressors. No leaks or stains were noted in this area. Numerous smaller tanks or storage vessels with capacities of up to 50-gallons were located in the Engineering department and in Building "E". Stains were noted on the concrete floor beneath the small tanks located in this area. The facility is also serviced by two diesel generators. One services the north office building and the other services the south manufacturing building. Both units have an internal reservoirs that store the generator fuel and have reported capacities of approximately 700-gallons. A leak and surface stain was noted beneath the unit that services the north building. The diesel fuel released at this location appears to have migrated off of the underlying asphalt pavement and onto the surrounding ground surface. As leaks or stains were noted near several of these ASTs, and the facility has used and stored various petroleum products or hazardous substances for many years, it is the opinion of the EP that the potential for subsurface impact related to releases from the ASTs currently/formerly on the subject site represents an REC.

Atwell inspected the subject site for the presence of oil-cooled electrical equipment that may contain PCBs. During the site reconnaissance, Atwell observed twenty-eight, pad-mounted transformers located along the exterior of the subject site building and six more inside the building. The transformers are owned by Tecumseh Products (the property owner), and each liquid-cooled transformer was labeled as containing less than 50 parts per million (ppm) PCBs. Although none of the transformers appeared to be leaking, an area of surface staining and distressed vegetation was noted near a bank of transformers along the west side of the building including transformers identified as units 13, 14, and 15. It is the opinion of the EP that the surface stain and distressed vegetation observed near transformer units 13, 14, and 15 represents an REC to the subject site.

During the site reconnaissance, Atwell observed staining in many areas throughout the subject site building. Particularly, surface stains were noted in much of the manufacturing portion of the building, including in part of the Engineering department (Building "J"); the old Waste Water Treatment Plant and Grinding area (Building "K"); part washing areas, the Oil Storage area and the Oil Testing Lab (Building "F"); the Steam Cleaning and Vacuum Pump stations (Building "E"). Expansion joints and surface cracks were noted throughout the building, some being in the vicinity of the stained areas. It is the opinion of the EP that potential impact to the subsurface environment from long-term leaks and spills of petroleum products and/or hazardous materials represents an REC to the subject site. Numerous floor drains were noted throughout the manufacturing (south) subject site building. Evidence of leaks and stains was observed near several floor drains, most notably at the Steam Cleaning area in "Building E", several areas in Building "F", and the old Waste Water Treatment Plant in Building "K-1". Evidence of oil in the drain, or surface stains migrating into the floor drain area was observed at each of these locations. Therefore, it is the opinion of the EP that the potential for subsurface impact through breaches in the facility drainage system represents an REC.

During the site reconnaissance, Atwell also observed stained soil and/or stressed vegetation located along the southern boundary. The stressed vegetation along the southern boundary did not appear to be related to any feature or activity associated with the subject site operations and encompassed several hundred square feet of an area where the surface vegetation was largely missing. Therefore, it is the opinion of the EP that potential impact to the subsurface environment from leaks and spills of petroleum products and/or hazardous materials resulting in stressed or missing vegetation represents an REC.

Findings and Opinions:

EDR identified the subject site as a CERCLIS NFRAP, a CORRACTS, a RCRA-TSDF, a NPDES, PEAS/SPILLS, and an UST site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the subject site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, it is the opinion of the EP that a release(s) associated with the subject site activities represents an REC to the subject site.

Based on information gathered during the site investigation, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the subject site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the subject site has been occupied by Tecumseh Products Company, which manufactured various automotive parts, small engines, refrigerator parts and air conditioning compressors. Other occupants of the site have included various metal manufacturers, which included foundry and machining operations. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the subject site. It is the opinion of the EP that the potential for subsurface impact by releases of petroleum products and/or other hazardous substances, and related to the long-term industrial operations or the railroad siding represents an REC to the subject site.

Based on the above identified RECs, Atwell-Hicks recommended a Limited Phase II Subsurface Investigation.

A Phase II ESA was conducted at the subject property by ATC in 2008/2009 followed by another subsurface investigation undertaken by RMT in September 2009 to address the identified RECs revealed the following:

Based on potential environmental concerns identified in a Phase I report prepared by Atwell Hicks (referenced above), ATC conducted a Phase II Environmental Site Assessment (Phase II ESA) in an attempt to determine if the site meets the definition of a facility under Michigan law. ATC's Phase II ESA included, among other activities, advancing thirty-two (32) Geoprobe/hand borings (GP-1 through HB-32) with soil/groundwater sampling, laboratory analysis and preparation of a report of findings.

During ATC's Phase II ESA, a Ground Penetrating Radar (GPR) Survey was conducted in a former UST area (as identified by site personal during a site walk-through on November 5, 2008) in an attempt to determine if USTs were present. The GPR Survey area is located to the west of the central portion of the main building. The GPR Survey area did not include evaluating areas inside buildings or in other inaccessible portions of the site (e.g., fenced in areas, etc.). The GPR Survey area was irregularly shaped and included some relatively narrow "walkways" located in between buildings. Based on the GPR Report, one (1) anomaly consistent with a UST was observed to the northeast of Building TD and west of the main building. If the aforementioned anomaly is a UST, it may be one (1) of three (3) USTs which were reportedly to have been abandoned in-place. With the exception of the above, no other anomalies consistent with a UST were noted during the GPR Survey. As noted in the GPR Report, the presence of nearby buildings which surrounded a relatively large portion of the GPR Survey area created interferences which could prevent the detection of unidentified USTs.

ATC's Phase II ESA indicated the presence of laboratory constituents of concern (e.g., metals, VOCs, PNAs) in soil and/or groundwater above the laboratory detection limits. ATC compared the soil and/or groundwater sample laboratory analytical results to the Default Background Levels (for metals in soil only) and/or to the Residential and Commercial I (R/C I) drinking water criteria, indoor air inhalation criteria and to the direct contact criteria contained in Memo No. 1 of P.A. 451, Part 201.

Based on this comparison, the following analytes were detected above the indicated R/C I cleanup criteria and sample locations: arsenic was detected above the Direct Contact Criteria (DCC) and/or the Drinking Water Protection Criteria (DWPC) at seven (7) soil sample locations (GP-1, GP-4, GP-6, GP-15, GP-16, GP-25 and GP-27); cadmium was detected above the DWPC at two (2) soil sample locations (GP-27 and HB-31); cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA) and/or trichloroethene (TCE) was detected above the DWPC at seventeen (17) locations (GP-3, GP-6, GP-7, GP-9, GP-10, GP-12, GP-14, GP-15, GP-16, GP-17, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27 and GP-28); TCE was detected above the Soil Volatilization to Indoor Air Inhalation Criteria (SVIAIC) at four (4) soil sample locations (GP-14, GP-15, GP-16 and GP-

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25); and 1,1-DCE was detected above the SVIAIC at three (3) soil sample locations (GP-9, GP-14 and GP-15). The concentrations of TCE detected at GP-14 (43,000 ug/kg) and GP-15 (38,000 ug/kg); and the concentrations of 1,1-DCE detected at GP-15 (360 ug/kg), were also above the Commercial II, III, IV and Industrial SVIAIC of 37,000 ug/kg (for TCE) and 330 ug/kg (for 1,1-DCE). Concentrations of metals were detected above the Default Background Levels and PNAs were detected in soil at four (4) sample locations; however the metals and PNAs were not above the R/C I DWPC, DCC or the SVIAIC contained in Memo No. 1.

The groundwater sample laboratory analytical results from GP-1 through HB-32 indicated the presence of metals, VOCs, PNAs and/or cyanide above the laboratory detection limits. ATC compared the detected concentrations to the R/C I Drinking Water Criteria (DWC), Groundwater Contact Criteria (GCC) and/or to the Groundwater Volatilization to Indoor Air Criteria (GVIAIC) contained in Memo No. 1 of P.A. 451, Part 201. Based on this comparison, the following analytes were detected above the R/C I DWC at the indicated sample locations: lead was detected in groundwater at one (1) location (GP-10); benzene at one (1) location (GP-16); cis-1,2-DCE at ten (10) locations (GP-2, GP-3, GP-4, GP-5, GP-6, GP-8, GP-15, GP-22, GP-23 and GP-25); 1,1-DCE at fourteen (14) locations (GP-2, GP-5, GP-6, GP-9, GP-10, GP-12, GP-14, GP-15, GP-17, GP-19, GP-21, GP-22, GP-27 and GP-28); PCE at one (1) location (GP-14); 1,1,1-TCA at five (5) locations (GP-12, GP-14, GP-21 GP-22 and GP-28); TCE at twenty-six (26) locations (GP-2 through GP-19, GP-21 through GP-25, GP-27, GP-28 and GP-29) and 1,2,4-trimethylbenzene (1,2,4-TMB) was detected above the DWC at one (1) location (GP-11). In addition, the following analytes were detected above the R/C I GVIAIC at the indicated sample locations: 1,1-DCE was detected in groundwater at three (3) groundwater sample locations (GP-12, GP-21, GP-22). The concentrations of 1,1-DCE at GP-12, GP-21 and GP-22 were not above the Commercial II, III, IV and Industrial GVIAIC. Concentrations of metals, VOCs, PNAs and cyanide were detected above the detection limits at other sample locations; however, the results were not above the R/C I DWC, GCC or the GVIAIC contained in Memo No. 1.

The detected presence of TCE (at 48 ug/L) in groundwater at GP-24 (at the eastern, down-gradient edge of the site boundary) suggested TCE may have migrated off-site in the groundwater at a concentration above the R/C I DWC (at 5 ug/L).

Due to the detected presence of the aforementioned laboratory analytes above the R/C I cleanup criteria in Memo No. 1 of P.A. 451, Part 201, the site was defined as an environmental "facility" and ATC recommended preparation of a Baseline Environmental Assessment (BEA) and a Due Care Plan which have been prepared under separate cover.

Based on the results of ATC's subsurface investigation, Tecumseh Products Company (the current site owner) retained the environmental consulting services of RMT to conduct further subsurface investigation activities both on-site and off-site.

The results from RMT's investigation included the advancement of over approximately forty on-site and off-site soil borings and monitoring wells which were installed from approximately April through August 2009. RMT's investigation results are documented in a Current Conditions Report which also includes their sampling and laboratory analytical program with conclusions and/or recommendations for further study. Please see Appendix E for this report.

Briefly, the investigation conducted by RMT included laboratory analysis of soil and groundwater samples for the presence of VOCs and 1,4-dioxane. Based on the soil and groundwater sample laboratory analytical results from RMT's investigation, additional laboratory constituents of concern (n-butyl benzene, ethyl benzene, naphthalene, n-propyl benzene, 1,3,5-TMB, xylenes, vinyl chloride, and/or 1,4-Dioxane) were detected at one (1) or more boring locations both on-site and off-site. The above

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laboratory parameters were detected at concentrations above the R/C I DWPC and/or DWC contained in Memo No.1.

Based on the data obtained during ATC's Phase II ESA and RMT's investigation, soil and/or groundwater is impacted with arsenic, cadmium, lead, benzene, 1,2,4-TMB, 1,3,5-TMB, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE, n-butyl benzene, ethyl benzene, naphthalene, n-propyl benzene, xylenes, vinyl chloride and/or 1,4-dioxane above the R/C I direct contact criteria, indoor air inhalation criteria and/or drinking water criteria which defines the site as an environmental "facility". Additionally, the data collected by RMT suggests impacted groundwater above the cleanup criteria may be horizontally delineated. For further details please refer to RMT's Current Conditions Report.

RMT is expected to be further retained by Tecumseh Products Company to continue with subsurface investigation activities and/or correction actions on-site and/or off-site with the results documented in future reports.

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8.0 REFERENCES

Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM, ASTM Designation E 1527-05, Published November 2005.

Environmental Data Resources, Inc., **EDR GeocheckÔ Map Report**, September 23, 2009

Phase I ESA prepared by Atwell-Hicks Development Consultants (Atwell-Hicks) for the subject property, dated October 9, 2008.

Limited Phase II ESA prepared by ATC Associates for the subject property at 100 E. Patterson, dated March 2009

Current Conditions Report prepared by RMT Consultants for the subject property, dated September 2009.

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9.0 APPENDICES

Appendix A - Photographs
Appendix B - Regulatory Database Report
Appendix C - Environmental Lien Search
Appendix D - Material Inventory List
Appendix E - Prior Reports
Appendix F - Resumes
Appendix G - Terminology

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APPENDIX A

PHOTOGRAPHS

View of the office building structure at 600 S. Ottawa from the southeast.

View of looking west down E. Patterson. Part of the 600 S. Ottawa office building with carport and parking lot further west depicted on the right and part of the north side of the 100 E. Patterson industrial building.

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Looking east down E. Patterson. Part of the north side of 100 E. Patterson depicted on the right and adjacent properties to the left.

West side of the 600 S. Ottawa office building with carport on the left.

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View of the parking lot north side of the 600 S. Ottawa office building with S. Evans storage building and parking beyond.

Looking north from S. Patterson toward the parking lot with the S. Evans storage building depicted beyond.

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View toward the Patterson Street subject industrial buildings from the east.

Another view of some of the subject industrial buildings on Patterson Street.

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View of the overgrown parking lot located east of the subject industrial buildings from the north looking south.

View of the hazardous waste trailer at the S. Patterson street subject property.

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View of the man way associated with one of the two fuel oil underground storage tanks reportedly closed in place in one of the courtyards onsite, south of the old Waste Water Treatment Plant.

View toward the newer building addition occupied by a lab south of the old Waste Water Treatment Plant. Reportedly several underground storage tanks were located in this location prior to the construction of this part of the building.

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View looking south along the east side of the main industrial. Typical pad-mounted transformers depicted in the left background.

View of the main industrial building from the south/southeast looking north/northwest.

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View of other industrial buildings located further south on the subject property.

View of the drums containing soil cuttings from a recent subsurface investigation by another consultant.

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View of the south part of the main industrial building on-site. Drums referenced above are visible in the right background.

Soil and concrete piles observed to the south of the main industrial building.

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View of the former scrap metal storage area.

View of the west side of the property looking south.

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Monitoring well observed on the west side of the main industrial building.

View of the west side of the subject property looking south.

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View of one of the generators on-site. De minimis staining observed on the concrete pad.

Staining observed on a utility pole adjacent to a transformer.

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Dark staining observed on the transformer pad adjacent to the above referenced utility pole.

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Drag out area (ASTs)

Solids remaining on site from drag out activities in the old wastewater treatment.

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De minimis staining observed in the main industrial building.

Typical trench drain observed in the building.

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View of the Engineering Lab.

View of the some of the chemical storage in the Engineering Lab.

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View toward one of the test areas in the main industrial building.

View toward machinery and a parts cleaner (red) in the main industrial building.

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View of another test area in the main industrial building.

View of yet another test area in the main industrial building.

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View of one of the transformers located in the main industrial building.

View of the former wash-out area.

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View of the temporary waste storage (used oil and coolant) area on the T Building dock

View toward the used oil ASTs in the T Building.

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View of staining on the concrete floor associated with the used oil ASTs referenced above.

One of the large fuel oil burning boilers located in the boiler room.

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View of one of the storage areas that is being emptied in the northern part of the main industrial building

Former parts washing area and associated staining on the concrete floor of the main industrial building.

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View of parts washer on the west side of the building.

View of the sump located in the compressor room of the main industrial building.

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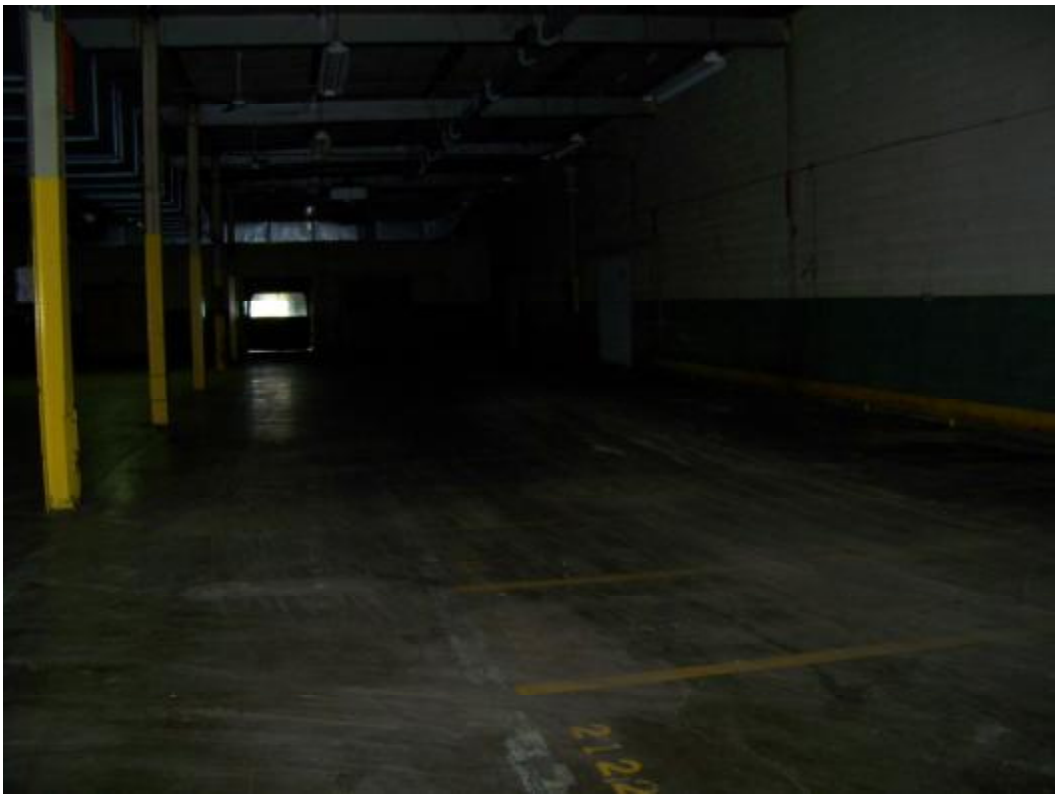
View of the former paint line on the east side of the main industrial building.



View of one of the vacated areas in the northern part of the main industrial building

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View oil released to a drip pan with of a tank associated with the Baron oil charging system.

View of the Baron Oil Charging System.

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View of the elevator equipment area located in the main industrial building basement.

View of the stained ceiling in the main industrial building basement. Reportedly, stained with new oil associated with the oil charging system located on the floor above.

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View of the concrete wall in the basement observed stained reported with new oil from the oil charging system on the floor above in the main industrial building.

Another view of the stained ceiling and wall in the basement.

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Interior of Q Building – the former drum storage area.

View of the interior of the new wastewater treatment plant.

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Another view of the new Waste Water Treatment Plant.

View of L Building (former truck storage) and de minimis staining observed.

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APPENDIX B

REGULATORY DATABASE REPORT

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Tecumseh Products
100 E. Patterson Street
Tecumseh, MI 49286

Inquiry Number: 2598998.1s
September 23, 2009

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

100 E. PATTERSON STREET
TECUMSEH, MI 49286

COORDINATES

Latitude (North):	41.997400 - 41° 59' 50.6''
Longitude (West):	83.942700 - 83° 56' 33.7''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	256264.6
UTM Y (Meters):	4653464.0
Elevation:	800 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41083-H8 TECUMSEH SOUTH, MI
Most Recent Revision:	1972
North Map:	42083-A8 TECUMSEH NORTH, MI
Most Recent Revision:	1975

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TECUMSEH PRODUCTS INCORPORATED 100 EAST PATTERSON STREET TECUMSEH, MI 49286	RCRA-SQG FINDS RCRA-TSDF UST CORRACTS CERC-NFRAP	MID005049440
100 EAST PATTERSON ST 100 EAST PATTERSON ST TECUMSEH, MI 49286	ERNS	N/A
100 E PATTERSON ST 100 E PATTERSON ST TECUMSEH, MI	SPILLS	N/A
TECUMSEH PRODUCTS COMPANY 100 EAST PATTERSON STREET TECUMSEH, MI 49286	NPDES	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

State- and tribal - equivalent CERCLIS

SHWS ---------- Contaminated Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Facilities Database

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

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EXECUTIVE SUMMARY

State and tribal Brownfields sites

BROWNFIELDS ..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF ..... Inactive Solid Waste Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted List of Contaminated Sites
CDL ..... Clandestine Drug Lab Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System
LIENS ..... Lien List

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
UIC ..... Underground Injection Wells Database
DRYCLEANERS ..... Drycleaning Establishments

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EXECUTIVE SUMMARY

INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH..... Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 2 RCRA-SQG sites within approximately 0.75 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LENAWEE PRECISION PLASTICS INC	412 S MAUMEE ST	NE 1/8 - 1/4 (0.237 mi.)	E27	47
HERRICK MEMORIAL HOSPITAL	***500 E POTTAWATAMIE ST***	***NNE 1/4 - 1/2 (0.438 mi.)***	***41***	***63***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are

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7 RCRA-CESQG sites within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOLEY FUEL INC	***100 E RUSSELL ST***	***SSW 1/4 - 1/2 (0.368 mi.)***	***H35***	***55***
BAKER BROTHERS	***142 W CHICAGO BLVD***	***NNW 1/4 - 1/2 (0.487 mi.)***	***K49***	***76***

Lower Elevation	Address	Direction / Distance	Map ID	Page
IDIDIT INC	610 S MAUMEE ST	E 1/8 - 1/4 (0.143 mi.)	C9	21
ROBERTS TOOL CO	***800 S MAUMEE ST***	***ESE 1/8 - 1/4 (0.173 mi.)***	***D15***	***26***
SIL TECH CORP	***810 S MAUMEE ST***	***SE 1/8 - 1/4 (0.188 mi.)***	***D19***	***33***
ERVIN INDUSTRIES	***200 INDUSTRIAL DR***	***S 1/4 - 1/2 (0.400 mi.)***	***I38***	***58***
LENAWEE STAMPING CORP	1200 E CHICAGO BLVD	NE 1/2 - 1 (0.745 mi.)	57	87

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 06/08/2009 has revealed that there are 11 LUST sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TECUMSEH CORRUGATED BOX CO Facility Status: Closed	***707 S EVANS ST***	***WSW 1/8 - 1/4 (0.127 mi.)***	***B6***	***18***
Not reported Facility Status: Open	***160 E CHICAGO***	***N 1/4 - 1/2 (0.468 mi.)***	***46***	***71***
BAKER BROS INC Facility Status: Open	***160 W CHICAGO BLVD***	***NNW 1/4 - 1/2 (0.491 mi.)***	***K50***	***79***
TECUMSEH CENTRAL Facility Status: Closed	***805 W CHICAGO BLVD***	***WNW 1/2 - 1 (0.871 mi.)***	***59***	***91***
SPEEDWAY #7306 Facility Status: Closed	***905 W CHICAGO BLVD***	***WNW 1/2 - 1 (0.963 mi.)***	***60***	***93***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GTE NORTH, INC Facility Status: Closed	606 S MAUMEE ST	E 1/8 - 1/4 (0.144 mi.)	C12	24
CONSOLIDATED FREIGHTWAYS Facility Status: Closed	***424 S MAUMEE ST***	***NE 1/8 - 1/4 (0.228 mi.)***	***E23***	***43***
HERRICK MEMORIAL HOSPITAL Facility Status: Closed Facility Status: Closed	***500 E POTTAWATAMIE ST***	***NNE 1/4 - 1/2 (0.438 mi.)***	***41***	***63***
PERKY PANTRY EAST Facility Status: Closed	***413 E CHICAGO BLVD***	***NNE 1/4 - 1/2 (0.487 mi.)***	***J48***	***74***
ROADHOUSE CAFE Facility Status: Closed	***502 E CHICAGO BLVD***	***NNE 1/2 - 1 (0.518 mi.)***	***51***	***80***
MARILYN BLOOMFIELD Facility Status: Closed	***1314 W CHICAGO BLVD***	***ENE 1/2 - 1 (0.778 mi.)***	***58***	***90***

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State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 06/08/2009 has revealed that there are 16 UST sites within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TECUMSEH CORRUGATED BOX CO	***707 S EVANS ST***	***WSW 1/8 - 1/4 (0.127 mi.)***	***B6***	***18***
RICHARDSON SAND & GRAVEL	324 W PATTERSON ST	WNW 1/4 - 1/2 (0.329 mi.)	33	51
BOLEY FUELS	***100 E RUSSELL RD***	***SSW 1/4 - 1/2 (0.368 mi.)***	***H34***	***52***
TECUMSEH GARAGE	6886 RAISIN CENTER HWY	SSW 1/4 - 1/2 (0.408 mi.)	H40	62
BAKER BROS INC	***160 W CHICAGO BLVD***	***NNW 1/4 - 1/2 (0.491 mi.)***	***K50***	***79***
DEPT OF PUBLIC WORKS	601 E CUMMINS ST	WNW 1/2 - 1 (0.534 mi.)	L52	82
BEACON OIL CO	321 N EVANS	N 1/2 - 1 (0.682 mi.)	56	86

Lower Elevation	Address	Direction / Distance	Map ID	Page
GTE NORTH, INC	606 S MAUMEE ST	E 1/8 - 1/4 (0.144 mi.)	C11	23
BUGS SUPER SERVICE	426 S MAUMEE ST	NE 1/8 - 1/4 (0.227 mi.)	E21	41
CONSOLIDATED FREIGHTWAYS	***424 S MAUMEE ST***	***NE 1/8 - 1/4 (0.228 mi.)***	***E23***	***43***
HERRICK MEMORIAL HOSPITAL	***500 E POTTAWATAMIE ST***	***NNE 1/4 - 1/2 (0.438 mi.)***	***41***	***63***
GTE 1430-001B	224 E CHICAGO 224 E MIC	N 1/4 - 1/2 (0.463 mi.)	44	69
CITY OF TECUMSEH	309 E CHICAGO BLVD	N 1/4 - 1/2 (0.465 mi.)	45	70
PERKY PANTRY EAST	***413 E CHICAGO BLVD***	***NNE 1/4 - 1/2 (0.487 mi.)***	***J48***	***74***
ROADHOUSE CAFE	***502 E CHICAGO BLVD***	***NNE 1/2 - 1 (0.518 mi.)***	***51***	***80***
TECUMSEH WASTEWATER TREATMENT	710 E CHICAGO BLVD	NE 1/2 - 1 (0.616 mi.)	54	84

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 06/30/2009 has revealed that there are 5 AST sites within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOLEY FUELS	***100 E RUSSELL RD***	***SSW 1/4 - 1/2 (0.368 mi.)***	***H34***	***52***
LENAWEE COUNTY ROAD COMMISSION	6886 RAISIN CENTER HWY	SSW 1/4 - 1/2 (0.408 mi.)	H39	61
CITY OF TECUMSEH	601 W CUMMINS ST	WNW 1/2 - 1 (0.534 mi.)	L53	83
TECUMSEH LP	319 S ADRIAN ST	WNW 1/2 - 1 (0.677 mi.)	55	84

Lower Elevation	Address	Direction / Distance	Map ID	Page
PAUL SMITH OIL, INC	426 S MAUMEE ST	NE 1/8 - 1/4 (0.227 mi.)	E20	39

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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EXECUTIVE SUMMARY

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/12/2008 has revealed that there are 4 RCRA-NonGen sites within approximately 0.75 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FARADAY INC	***805 S MAUMEE ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D17***	***29***
DALE TECHNOLOGIES INC	***414 S MAUMEE ST***	***NE 1/8 - 1/4 (0.236 mi.)***	***E25***	***45***
CURLEY MACHINED PRODUCTS	***907 INDUSTRIAL DR***	***SSE 1/4 - 1/2 (0.443 mi.)***	***43***	***67***
SUNOCO INC	***402 E CHICAGO BLVD***	***NNE 1/4 - 1/2 (0.484 mi.)***	***J47***	***72***

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2007 has revealed that there is 1 TRIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ERVIN TECHNOLOGIES	200 INDUSTRIAL DR	S 1/4 - 1/2 (0.400 mi.)	I37	57

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 03/20/2009 has revealed that there is 1 ICIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIL TECH CORP	810 S MAUMEE ST	SE 1/8 - 1/4 (0.188 mi.)	D18	32

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2009 has revealed that there are 16 FINDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOLEY FUEL INC	***100 E RUSSELL ST***	***SSW 1/4 - 1/2 (0.368 mi.)***	***H35***	***55***
6792 RAISIN CENTER HWY, LENAWE	6792 RAISIN CENTER HIGH	SSW 1/4 - 1/2 (0.443 mi.)	42	67
BAKER BROTHERS	***142 W CHICAGO BLVD***	***NNW 1/4 - 1/2 (0.487 mi.)***	***K49***	***76***

Lower Elevation	Address	Direction / Distance	Map ID	Page
IDIDIT INC	610 S MAUMEE ST	E 1/8 - 1/4 (0.143 mi.)	C8	21

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROBERTS TOOL CO	***800 S MAUMEE ST***	***ESE 1/8 - 1/4 (0.173 mi.)***	***D15***	***26***
FARADAY INC	***805 S MAUMEE ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D17***	***29***
SIL TECH CORP	***810 S MAUMEE ST***	***SE 1/8 - 1/4 (0.188 mi.)***	***D19***	***33***
PAUL SMITH OIL CO INC	426 S MAUMEE	NE 1/8 - 1/4 (0.227 mi.)	E22	42
POLYMERIC PROCESSES, INC.	414 S MAUMEE	NE 1/8 - 1/4 (0.236 mi.)	E24	44
DALE TECHNOLOGIES INC	***414 S MAUMEE ST***	***NE 1/8 - 1/4 (0.236 mi.)***	***E25***	***45***
TECUMSEH THERMOPLASTICS INC	412 S MAUMEE ST	NE 1/8 - 1/4 (0.237 mi.)	E26	47
TECUMSEH CITY DUMP	WYANDOTTE & CUMMINS STR	NE 1/4 - 1/2 (0.321 mi.)	G31	50
ERVIN INDUSTRIES	***200 INDUSTRIAL DR***	***S 1/4 - 1/2 (0.400 mi.)***	***I38***	***58***
HERRICK MEMORIAL HOSPITAL	***500 E POTTAWATAMIE ST***	***NNE 1/4 - 1/2 (0.438 mi.)***	***41***	***63***
CURLEY MACHINED PRODUCTS	***907 INDUSTRIAL DR***	***SSE 1/4 - 1/2 (0.443 mi.)***	***43***	***67***
SUNOCO INC	***402 E CHICAGO BLVD***	***NNE 1/4 - 1/2 (0.484 mi.)***	***J47***	***72***

RAATS: The RCRA Administration Action Tracking System contains records based on enforcement actions issued under RCRA and pertaining to major violators. It includes administrative and civil actions brought by the United States Environmental Protection Agency. The source of this database is the U.S. EPA.

A review of the RAATS list, as provided by EDR, and dated 04/17/1995 has revealed that there is 1 RAATS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIL TECH CORP	***810 S MAUMEE ST***	***SE 1/8 - 1/4 (0.188 mi.)***	***D19***	***33***

NPDES: General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

A review of the NPDES list, as provided by EDR, and dated 07/28/2009 has revealed that there are 3 NPDES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TECUMSEH PACKAGING SOLUTIONS,	707 SOUTH EVANS STREET	WSW 1/8 - 1/4 (0.127 mi.)	B7	20

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIRST STUDENT, INCORPORATED	700 SOUTH MAUMEE STREET	ESE 1/8 - 1/4 (0.148 mi.)	13	25
LENAWEE PRECISION PLASTICS	412 SOUTH MAUMEE STREET	NE 1/8 - 1/4 (0.237 mi.)	E28	49

AIRS: Permit and emissions inventory data.

A review of the AIRS list, as provided by EDR, and dated 05/22/2007 has revealed that there are 3 AIRS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TECUMSEH COMPRESSOR COMPANY		NW 1/8 - 1/4 (0.160 mi.)	14	25

Lower Elevation	Address	Direction / Distance	Map ID	Page
FARADAY LLC	805 S MAUMEE ST	SE 1/8 - 1/4 (0.178 mi.)	D16	28
ERVIN PRODUCT DEV. CENTER	200 INDUSTRIAL DRIVE	S 1/4 - 1/2 (0.400 mi.)	I36	57

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EXECUTIVE SUMMARY

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 06/11/2009 has revealed that there are 6 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	317 S OTTAWA ST	N 1/4 - 1/2 (0.273 mi.)	F29	49
RARE TOOL, INC.	315 S OTTAWA ST	N 1/4 - 1/2 (0.274 mi.)	F30	50
Not reported	***160 E CHICAGO***	***N 1/4 - 1/2 (0.468 mi.)***	***46***	***71***

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	223 E PATTERSON ST	N 0 - 1/8 (0.103 mi.)	5	18
Not reported	610 SOUTH MAUMEE	E 1/8 - 1/4 (0.143 mi.)	C10	23
Not reported	500 EAST CUMMINS	NE 1/4 - 1/2 (0.322 mi.)	G32	51

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EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
POLYMERIC PROCESSES INC	FTTS, HIST FTTS
TECUMSEH NITRATE CONTAM	SHWS
TECUMSEH CITY DUMP	SHWS
TECUMSEH CITY DUMP	CERC-NFRAP
TECUMSEH CITY DUMP	HIST LF
FOMER BREAD OF LIFE CHRISTIAN CENT	LUST
CITY OF TECUMSEH	FINDS, RCRA-NonGen
MI DEPT/TRANSPORTATION	FINDS, RCRA-NonGen
MI DEPT/TRANSPORTATION	RCRA-CESQG
GREAT LAKES WELDING CO	RCRA-CESQG
FORMER BREAD OF LIFE CHRISTIAN CEN	BEA

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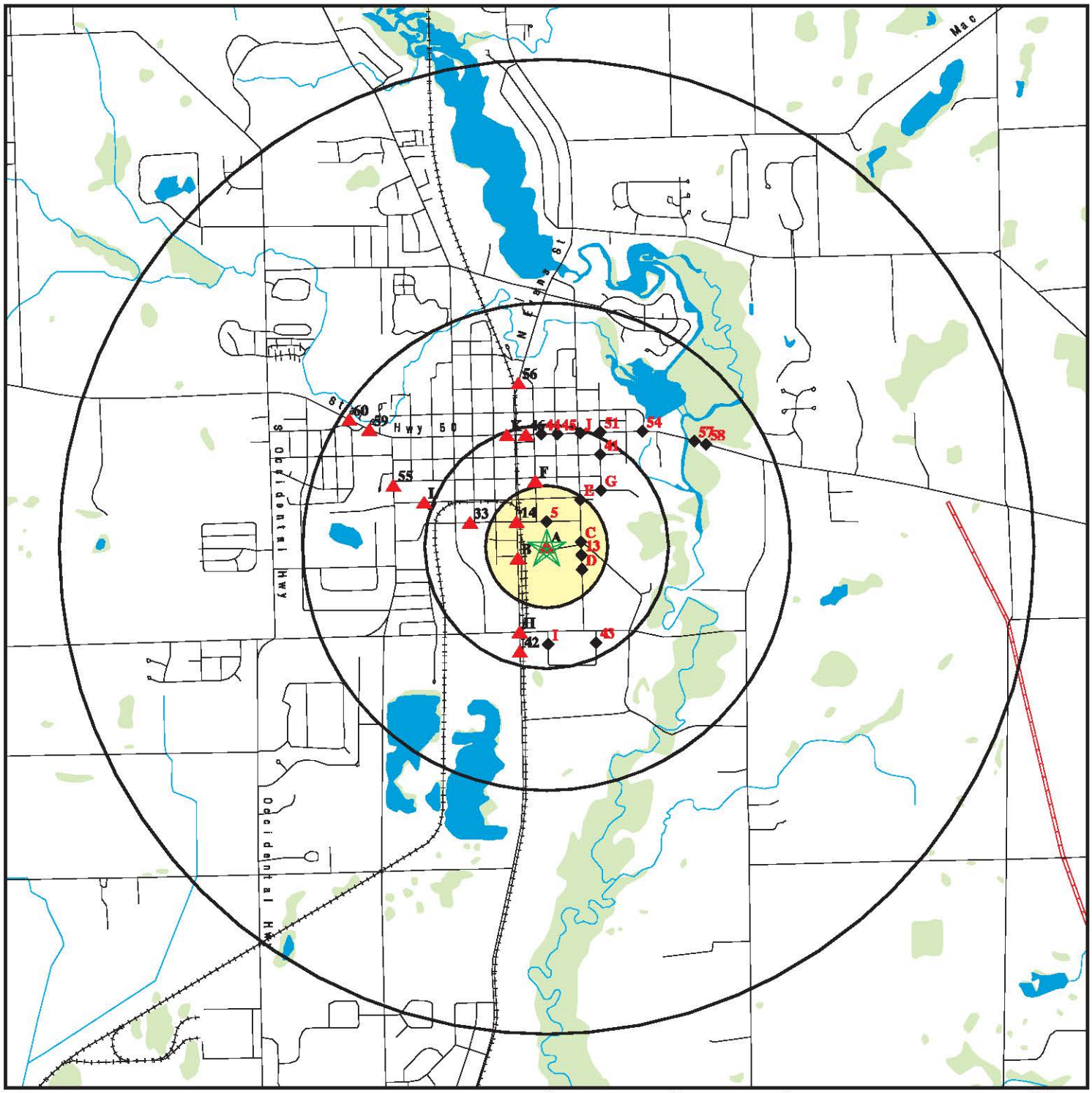
OVERVIEW MAP - 2598998.1s



0 1/2 1 2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands

SITE NAME:	Tecumseh Products	CLIENT:	ATC Associates Inc. #39
ADDRESS:	100 E. Patterson Street	CONTACT:	Michele Taylor
	Tecumseh MI 49286	INQUIRY #:	2598998.1s
LAT/LONG:	41.9974 / 83.9427	DATE:	September 23, 2009 7:19 pm

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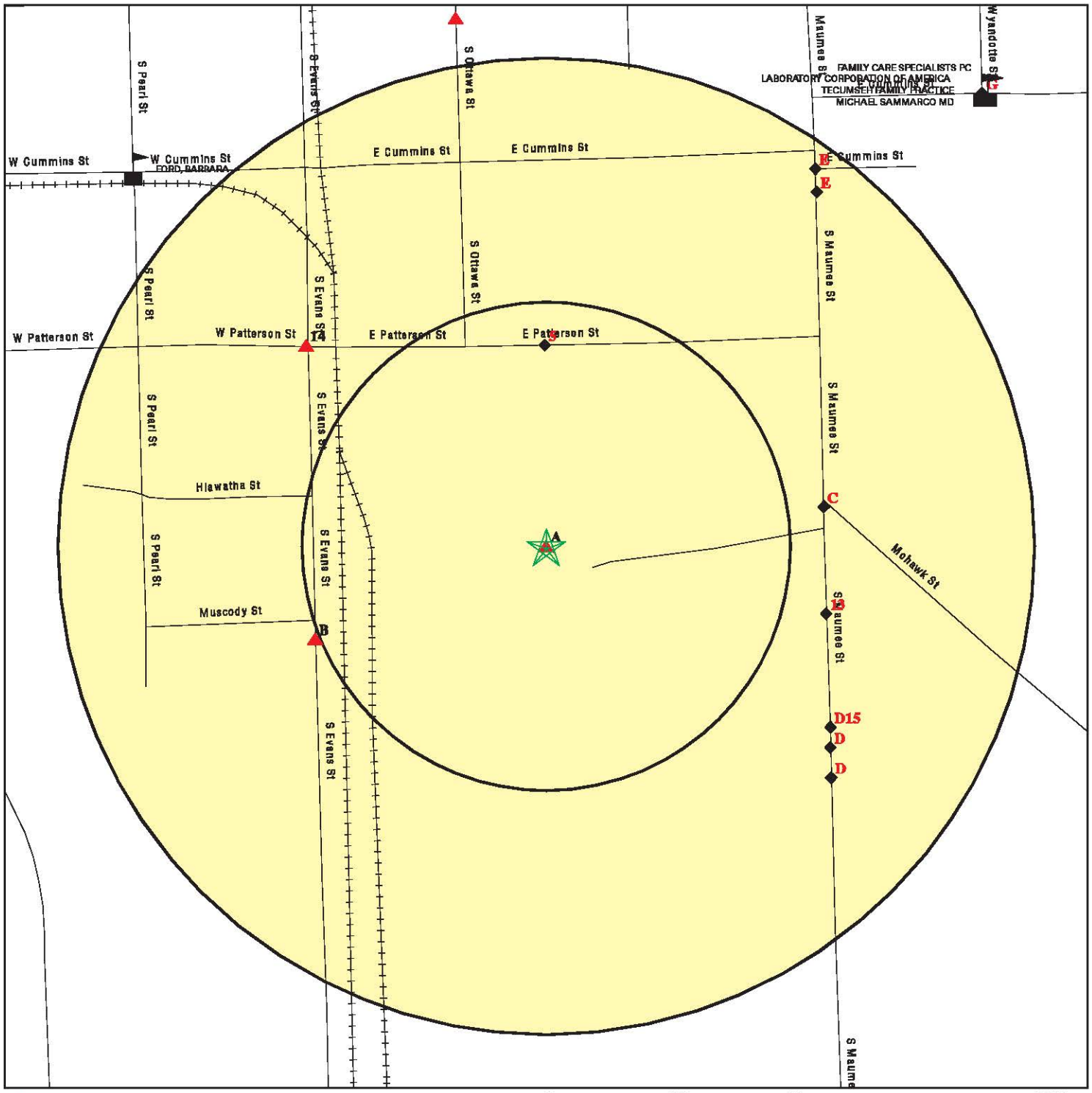
DETAIL MAP - 2598998.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Tecumseh Products	CLIENT:	ATC Associates Inc. #39
ADDRESS:	100 E. Patterson Street	CONTACT:	Michele Taylor
	Tecumseh MI 49286	INQUIRY #:	2598998.1s
LAT/LONG:	41.9974 / 83.9427	DATE:	September 23, 2009 7:19 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
NPL LIENS		0.500	0	0	0	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.500	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	X	1.000	0	0	0	0	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	X	1.500	0	0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	X	1.000	0	0	0	0	NR	0
Federal RCRA generators list								
RCRA-LQG		0.750	0	0	0	0	NR	0
RCRA-SQG	X	0.750	0	1	1	0	NR	2
RCRA-CESQG		0.750	0	3	3	1	NR	7
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
Federal ERNS list								
ERNS	X	0.500	0	0	0	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.500	0	0	0	0	0	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		1.000	0	0	0	0	NR	0
State and tribal leaking storage tank lists								
LUST		1.000	0	3	4	4	NR	11
INDIAN LUST		1.000	0	0	0	0	NR	0
State and tribal registered storage tank lists								
UST	X	0.750	0	4	8	4	NR	16
AST		0.750	0	1	2	2	NR	5

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.750	0	0	0	0	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		1.000	0	0	0	0	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		1.000	0	0	0	0	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		1.000	0	0	0	0	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		1.000	0	0	0	0	NR	0
DEBRIS REGION 9		1.000	0	0	0	0	NR	0
HIST LF		1.000	0	0	0	0	NR	0
INDIAN ODI		1.000	0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		0.500	0	0	0	NR	NR	0
DEL SHWS		1.500	0	0	0	0	0	0
CDL		0.500	0	0	0	NR	NR	0
US HIST CDL		0.500	0	0	0	NR	NR	0
Local Land Records								
LIENS 2		0.500	0	0	0	NR	NR	0
LUCIS		1.000	0	0	0	0	NR	0
LIENS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		0.500	0	0	0	NR	NR	0
SPILLS	X	0.500	0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.750	0	2	2	0	NR	4
DOT OPS		0.500	0	0	0	NR	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
MINES		0.750	0	0	0	0	NR	0
TRIS		0.500	0	0	1	NR	NR	1
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICIS		0.500	0	1	0	NR	NR	1
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
FINDS	X	0.500	0	8	8	NR	NR	16
RAATS		0.500	0	1	0	NR	NR	1
UIC		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
NPDES	X	0.500	0	3	0	NR	NR	3
AIRS		0.500	0	2	1	NR	NR	3
BEA		0.500	1	1	4	NR	NR	6
INDIAN RESERV		1.500	0	0	0	0	0	0
SCRD DRYCLEANERS		1.000	0	0	0	0	NR	0
PCB TRANSFORMER		0.500	0	0	0	NR	NR	0
COAL ASH		1.000	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.500	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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A1 Target Property — **TECUMSEH PRODUCTS INCORPORATED**
100 EAST PATTERSON STREET
TECUMSEH, MI 49286

Site 1 of 4 in cluster A

Database(s): **RCRA-SQG, FINDS, RCRA-TSDF, UST, CORRACTS, CERC-NFRAP**

EDR ID Number: **1000426324**
EPA ID Number: **MID005049440**

Actual: 800 ft.

RCRA-SQG:

Date form received by agency:	05/02/2008
Facility name:	TECUMSEH COMPRESSOR COMPANY
Facility address:	100 E PATTERSON ST TECUMSEH, MI 49286
EPA ID:	MID005049440
Contact:	JOHN KNAPP
Contact address:	100 E PATTERSON ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-8411
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported

Owner/Operator Summary:

Owner/operator name:	TECUMSEH PRODUCTS COMPANY
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1926
Owner/Op end date:	Not reported
Owner/operator name:	KEITH EKLLER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2008
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/21/2007
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 04/20/2006
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 03/01/2006
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 11/03/2003
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 12/31/2002
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Date form received by agency: 09/10/2001
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 10/29/1999
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 01/18/1994
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 03/23/1992
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS CO INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990
Facility name: TECUMSEH COMPRESSOR COMPANY
Site name: TECUMSEH PRODUCTS CO INC
Classification: Large Quantity Generator

Date form received by agency: 03/17/1981
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Date form received by agency: 08/18/1980
Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Small Quantity Generator

Corrective Action Summary:
Event date: 09/26/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 09/29/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Permits - Conditions
Date violation determined: 12/18/2001
Date achieved compliance: 12/16/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/22/1987
Date achieved compliance: 09/14/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/27/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/13/1986
Date achieved compliance: 04/08/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/17/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/18/2001
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Permits - Conditions
Date achieved compliance: 12/16/2002
Evaluation lead agency: State

Evaluation date: 09/28/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/14/1988
Evaluation lead agency: State

Evaluation date: 03/13/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Area of violation: Generators - General
Date achieved compliance: 04/08/1986
Evaluation lead agency: State

Evaluation date: 02/21/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000410109

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:
Facility ID: 00016144
Facility Type: CLOSED
Latitude: 41.9986940000
Longitude: -83.9447170000
Owner Name: Tecumseh Products Co
Owner Address: 100 E Patterson St

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Owner City,St,Zip:	Tecumseh, MI 49286-2041
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-8411
Contact:	TOM CZARTOSKI
Contact Phone:	(517) 423-8437
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1966
Product:	LUBE OIL
Remove Date:	Jul 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1966
Product:	LUBE OIL
Remove Date:	Jul 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Apr 28 1968
Product:	Kerosene
Remove Date:	Jul 1 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1968
Product: LAP OIL
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 7500
Install Date: Apr 28 1966
Product: Used Oil
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 11
Tank Status: Closed in Ground
Capacity: 20000
Install Date: Apr 28 1946
Product: FUEL-OIL
Remove Date: Nov 27 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 15
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1970
Product: LUBE OIL
Remove Date: Jul 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 16

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	LUBE OIL
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	17
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	LUBE OIL
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	18
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	LUBE OIL
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	19
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	20
Tank Status:	**Removed from Ground**

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	21
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	23
Tank Status:	**Closed in Ground**
Capacity:	20000
Install Date:	Apr 29 1951
Product:	LUBE-OIL
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	25
Tank Status:	**Closed in Ground**
Capacity:	6000
Install Date:	Apr 28 1970
Product:	Hazardous Substance
Remove Date:	Nov 27 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

CORRACTS:

EPA ID: MID005049440

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 05/01/2009
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 333415
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005049440
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 09/26/1992
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available
NAICS Code(s): 333415
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005049440
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 09/29/1992
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 333415
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

CERC-NFRAP:
Site ID: 0507206
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RESPONSIBLE PARTY INVESTIGATOR
Contact Name: JANET PFUNDHELLER
Contact Tel: (312) 353-5821

Program Priority:
Description: Great Lakes

Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS INCORPORATED (Continued) **1000426324**

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	04/12/1992
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	03/30/1993
Priority Level:	Deferred to RCRA (Subtitle C)

Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	12/19/1995
Priority Level:	Not reported

A2 **100 EAST PATTERSON ST** **ERNS** **92271904**
Target Property **100 EAST PATTERSON ST** **N/A**
TECUMSEH, MI 49286

Site 2 of 4 in cluster A

Actual: 800 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A3 **SPILLS** **S105980108**
Target Property **100 E PATTERSON ST** **N/A**
TECUMSEH, MI

Site 3 of 4 in cluster A

Actual: 800 ft.

MI PEAS:

Incident Date:	08/05/2003
Date Of PEAS Call:	08/05/2003
Complainant / Company:	Kyle Lilly w/ Tecumseh Products
Complainant Address:	100 E Patterson St
Company Involved:	Quality Carrier
DEQ Division Involved:	RRD
Incident Description:	Unloading truck, system over filled w/oil. Inert gas blanket vent; oil ranout of it on to loading dock. Clean up was done, none got to storm sewer.
Description:	Not reported

A4 **TECUMSEH PRODUCTS COMPANY** **NPDES** **S108960228**
Target Property **100 EAST PATTERSON STREET** **N/A**
TECUMSEH, MI 49286

Site 4 of 4 in cluster A

Actual: 800 ft.

MI NPDES:

Permit Number:	MIS510197
Permitee PO Box:	N
Permitee Email:	Not reported
Issue Date:	4/14/2005
Effective Date:	4/14/2005

US EPA ARCHIVE DOCUMENT

TECUMSEH PRODUCTS COMPANY (Continued) **S108960228**

Expiration Date:	4/1/2010
Permittee Name:	Tecumseh Products Company
Permittee Address:	100 East Patterson Street
Permittee Addr2:	Not reported
Permittee City,St,Zip:	Tecumseh, MI 49286
Permit Type:	COC
Facility Name 2:	Not reported
Facility Name 3:	Not reported
Facility Name 4:	Not reported
Designed Name:	Tecumseh Products Co
Latitude:	41.998899999999999
Lat Direction:	N
Lat Type Code:	LAT
Longitude:	-83.945800000000006
Lon Direction:	W
Lon Type Code:	LON
Hydrologic Unit Code:	4100002

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5 **BEA** **S105767802**
North **223 E PATTERSON ST** **N/A**
< 1/8 **TECUMSEH VILLAGE, MI 49286**
0.103 mi.
543 ft.

Relative:
Lower

Actual:
799 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	366
District:	Jackson
Date Received:	6/3/2002 12:59:00 AM
Submitter Name:	Tecumseh Trolley Co
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	katkov
Division Assigned:	Environmental Response Division

B6 **TECUMSEH CORRUGATED BOX CO** **LUST** **U003866882**
WSW **707 S EVANS ST** **UST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.127 mi.
672 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
804 ft.

LUST:

Facility ID:	00009335
Source:	STATE OF MICHIGAN
Owner Name:	Tecumseh Corrugated Box Co
Owner Address:	707 S Evans St
Owner City,St,Zip:	Tecumseh, MI 49286-1919
Owner Contact:	Not reported
Owner Phone:	(517) 423-2126
Country:	USA
District:	Jackson District Office
Site Name:	Tecumseh Corrugated Box
Latitude:	41.9936340000
Longitude:	-83.9451110000

US EPA ARCHIVE DOCUMENT

TECUMSEH CORRUGATED BOX CO (Continued) **U003866882**

Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1719-90
Release Date: Sep 7 1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Oct 22 1991

UST:
Facility ID: 00009335
Facility Type: CLOSED
Latitude: 41.9936340000
Longitude: -83.9451110000
Owner Name: Tecumseh Corrugated Box Co
Owner Address: 707 S Evans St
Owner City,St,Zip: Tecumseh, MI 49286-1919
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-2126
Contact: BRUCE WRIGHT
Contact Phone: (517) 423-2126
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 17 1968
Product: Gasoline
Remove Date: Aug 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 2000
Install Date: Apr 17 1966
Product: Gasoline
Remove Date: Aug 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

US EPA ARCHIVE DOCUMENT

TECUMSEH CORRUGATED BOX CO (Continued) **U003866882**

Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	15000
Install Date:	Apr 17 1976
Product:	Kerosene
Remove Date:	Mar 1 1989
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

B7 **TECUMSEH PACKAGING SOLUTIONS, INCORPORATED** **NPDES** **S108163183**
WSW **707 SOUTH EVANS STREET** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.127 mi.
672 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
804 ft.

MI NPDES:

Permit Number:	MIS510088
Permitee PO Box:	Y
Permitee Email:	Not reported
Issue Date:	3/10/2005
Effective Date:	4/1/2005
Expiration Date:	4/1/2010
Permittee Name:	Tecumseh Packaging Solutions, Incorporated
Permittee Address:	707 South Evans Street
Permittee Addr2:	PO Box 427
Permittee City,St,Zip:	Tecumseh, MI 49286
Permit Type:	COC
Facility Name 2:	Not reported
Facility Name 3:	Not reported
Facility Name 4:	Not reported
Designed Name:	Tecumseh Packaging Solutions
Latitude:	41.994050000000001
Lat Direction:	N
Lat Type Code:	LAT
Longitude:	-83.947289999999995
Lon Direction:	W
Lon Type Code:	LON
Hydrologic Unit Code:	4100002

US EPA ARCHIVE DOCUMENT

C8
East
1/8-1/4
0.143 mi.
756 ft.

IDIDIT INC
610 S MAUMEE ST
TECUMSEH, MI 49286

Site 1 of 5 in cluster C

FINDS **1007142837**
N/A

Relative:
Lower

Actual:
788 ft.

FINDS:

Registry ID: 110015912486

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C9
East
1/8-1/4
0.143 mi.
756 ft.

IDIDIT INC
610 S MAUMEE ST
TECUMSEH, MI 49286

Site 2 of 5 in cluster C

RCRA-CESQG **1007096129**
MIK147587539

Relative:
Lower

Actual:
788 ft.

RCRA-CESQG:

Date form received by agency:	09/26/2002
Facility name:	IDIDIT INC
Facility address:	610 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MIK147587539
Contact:	RICK PINCHOCK
Contact address:	610 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 424-0577
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CALLISON LEASING
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported

US EPA ARCHIVE DOCUMENT

IDIDIT INC (Continued) **1007096129**

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/31/2000
Owner/Op end date: Not reported

Owner/operator name: IDIDIT INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/30/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides

US EPA ARCHIVE DOCUMENT

IDIDIT INC (Continued) **1007096129**

Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 01/01/1980
Facility name: IDIDIT INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

C10 **BEA** **S105767799**
East **610 SOUTH MAUMEE** **N/A**
1/8-1/4 **TECUMSEH TOWNSHIP, MI**
0.143 mi.
756 ft. **Site 3 of 5 in cluster C**

Relative:
Lower

Actual:
788 ft.

BEA:
Secondary Address: Not reported
BEA Number: 260
District: Jackson
Date Received: 9/28/2000
Submitter Name: Callison Leasing, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: massonp
Division Assigned: Environmental Response Division

C11 **GTE NORTH, INC** **UST** **U003867044**
East **606 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.144 mi.
758 ft. **Site 4 of 5 in cluster C**

Relative:
Lower

Actual:
788 ft.

UST:
Facility ID: 00011206
Facility Type: CLOSED
Latitude: 41.9974540000
Longitude: -83.9397730000
Owner Name: Gte North Inc
Owner Address: 8001 W Jefferson Blvd
Owner City,St,Zip: Fort Wayne, IN 46804-4141
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (219) 461-2478
Contact: THOMAS L. POTTSCHMIDT
Contact Phone: (219) 461-2138
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN

US EPA ARCHIVE DOCUMENT

GTE NORTH, INC (Continued) **U003867044**

Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1430060A
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 30 1974
Product:	Gasoline
Remove Date:	May 10 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No
Tank ID:	1430060B
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 30 1972
Product:	Used Oil
Remove Date:	Jun 10 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

C12 **GTE NORTH, INC** **LUST** **S105213507**
East **606 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.144 mi.
758 ft. **Site 5 of 5 in cluster C**

Relative:
Lower

Actual:
788 ft.

LUST:

Facility ID:	00011206
Source:	STATE OF MICHIGAN
Owner Name:	Gte North Inc
Owner Address:	8001 W Jefferson Blvd
Owner City,St,Zip:	Fort Wayne, IN 46804-4141
Owner Contact:	Not reported
Owner Phone:	(219) 461-2478
Country:	USA
District:	Jackson District Office
Site Name:	Gte North Incorporated
Latitude:	41.9974540000
Longitude:	-83.9397730000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)

US EPA ARCHIVE DOCUMENT

GTE NORTH, INC (Continued) **S105213507**

Leak Number: C-0927-92
Release Date: Jun 10 1992
Substance Released: Gasoline,Used Oil
Release Status: Closed
Release Closed Date: Aug 11 1994

13
ESE
1/8-1/4
0.148 mi.
780 ft.

FIRST STUDENT, INCORPORATED **NPDES** **S109137018**
700 SOUTH MAUMEE STREET **N/A**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
788 ft.

MI NPDES:
Permit Number: NEC156525
Permitee PO Box: N
Permitee Email: Not reported
Issue Date: 6/2/2008
Effective Date: 6/2/2008
Expiration Date: 6/2/2013
Permittee Name: First Student, Incorporated
Permittee Address: 110 Perimeter Park
Permittee Addr2: Not reported
Permittee City,St,Zip: Knoxville, TN 37922
Permit Type: NEC
Facility Name 2: Not reported
Facility Name 3: Not reported
Facility Name 4: Not reported
Designed Name: First Student Inc
Latitude: 42.078420000000001
Lat Direction: N
Lat Type Code: LAT
Longitude: -83.906589999999994
Lon Direction: W
Lon Type Code: LON
Hydrologic Unit Code: Not reported

14
NW
1/8-1/4
0.160 mi.
845 ft.

TECUMSEH COMPRESSOR COMPANY **AIRS** **S107696946**
N/A
TECUMSEH, MI

Relative:
Higher

Actual:
805 ft.

AIRS:
State Registration Number: B1761
Naics Code: Not reported
Contact Name: FRANK FOX
Contact Phone: (517) 423-8693
Contact Address: TECUMSEH COMPRESSOR COMPANY
Contact Address 2: 100 EAST PATTERSON ST
Contact City,St,Zip: TECUMSEH, MI 49286
Permit Number: 66-94A
Date Received: 10/13/04
State Registration Number: B1761
Country: Not reported
RID: Not reported
Application Reason: REMOVE CONDITIONS RELATED TO NOX
Record Type: Not reported

US EPA ARCHIVE DOCUMENT

TECUMSEH COMPRESSOR COMPANY (Continued) **S107696946**

State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Site Description:	Not reported
NTI Site ID:	Not reported
Dunn&Bradstreet No:	Not reported
TRIID:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
EI Year:	Not reported

D15 **ROBERTS TOOL CO** **FINDS 1000219672**
ESE **800 S MAUMEE ST** **RCRA-CESQG MID985579507**
1/8-1/4 **TECUMSEH, MI 49286**
0.173 mi.
911 ft. **Site 1 of 5 in cluster D**

Relative:
Lower

Actual:
786 ft.

FINDS:

Registry ID: 110003640374

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency:	12/31/2004
Facility name:	ROBERTS TOOL CO
Facility address:	800 S MAUMEE TECUMSEH, MI 49286
EPA ID:	MID985579507
Mailing address:	P O BOX 400 TECUMSEH, MI 49286
Contact:	ALLEN ROBERTS
Contact address:	800 S MAUMEE TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-6691
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

US EPA ARCHIVE DOCUMENT

ROBERTS TOOL CO (Continued) **1000219672**

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROBERTS TOOL CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/07/1978
Owner/Op end date:	Not reported

Owner/operator name:	ROBERTS TOOL CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/07/1978
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No

Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No

Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No

US EPA ARCHIVE DOCUMENT

ROBERTS TOOL CO (Continued) **1000219672**

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 06/03/2003
Facility name: ROBERTS TOOL CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/12/2002
Facility name: ROBERTS TOOL CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/08/1990
Facility name: ROBERTS TOOL CO
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

D16 **FARADAY LLC** **AIRS S108477211**
SE **805 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.178 mi.
942 ft. **Site 2 of 5 in cluster D**

Relative:
Lower

Actual:
786 ft.

AIRS:
State Registration Number: A2853
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Permit Number: Not reported
Date Received: Not reported
State Registration Number: A2853
Country: USA
RID: Not reported
Application Reason: Not reported
Record Type: SI
State County FIPS: 26091
Facility Category: 01
SIC Primary: 3669
Site Description: Not reported
NTI Site ID: Not reported
Dunn&Bradstreet No: Not reported
TRIID: Not reported

US EPA ARCHIVE DOCUMENT

FARADAY LLC (Continued) **S108477211**

Submittal Flag: Not reported
Tribal Code: 000
EI Year: 2000

D17 **FARADAY INC** **FINDS** **1000145360**
SE **805 S MAUMEE ST** **RCRA-NonGen** **MID054161864**
1/8-1/4 **TECUMSEH, MI 49286**
0.178 mi.
942 ft. **Site 3 of 5 in cluster D**

Relative:
Lower

Actual:
786 ft.

FINDS:

Registry ID: 110001847226

Environmental Interest/Information System
The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:
Date form received by agency: 05/15/2005
Facility name: FARADAY INC
Facility address: 805 S MAUMEE ST
TECUMSEH, MI 49286
EPA ID: MID054161864
Contact: WILLIAM CREGER
Contact address: 805 S MAUMEE ST
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 423-2111
Contact email: Not reported
EPA Region: 05
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/16/1994
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/16/1994
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Historical Generators:
Date form received by agency: 08/18/1980
Facility name: FARADAY INC
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/04/1987
Date achieved compliance: 07/15/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/04/1987
Date achieved compliance: 07/15/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/16/1986
Date achieved compliance: 08/29/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/08/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/16/1986
Date achieved compliance: 08/29/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/1986
Enf. disposition status: Not reported

US EPA ARCHIVE DOCUMENT

FARADAY INC (Continued) **1000145360**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/01/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/15/1987
Evaluation lead agency: State

Evaluation date: 06/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/15/1987
Evaluation lead agency: State

Evaluation date: 07/16/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/29/1986
Evaluation lead agency: State

Evaluation date: 05/30/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

D18 **SIL TECH CORP** **ICIS 1011600952**
SE **810 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.188 mi.
993 ft. **Site 4 of 5 in cluster D**

Relative:
Lower

Actual:
786 ft.

ICIS:
Enforcement Action ID: 05-1987-0066
FRS ID: 110003585889
Program ID: RCRAINFO MID011360732
Action Name: SIL TECH CORPORATION
Facility Name: SIL TECH CORP
Facility Address: 810 S MAUMEE ST
TECUMSEH, Michigan 49286
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: Not reported
EPA Region #: 6

Enforcement Action ID: 05-1987-0066
FRS ID: 110003585889
Program ID: FRS 110003585889

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1011600952**

Action Name:	SIL TECH CORPORATION
Facility Name:	SIL TECH CORP
Facility Address:	810 S MAUMEE ST TECUMSEH, Michigan 49286
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	LENAWEE
EPA Region #:	6
Enforcement Action ID:	05-1987-0066
FRS ID:	110003585889
Program ID:	TSCA WCKR SLCNE-2
Action Name:	SIL TECH CORPORATION
Facility Name:	SIL-TECH CORPORATION
Facility Address:	810 S MAUMEE ST TECUMSEH, Michigan 49286
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	Not reported
EPA Region #:	6
Program ID:	FRS 110003585889
Facility Name:	SIL TECH CORP
Address:	810 S MAUMEE ST TECUMSEH MI 49286
Tribal Indicator:	No
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2821
Program ID:	RCRAINFO MID011360732
Facility Name:	SIL TECH CORP
Address:	810 S MAUMEE ST TECUMSEH MI 49286
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2821
Program ID:	TSCA WCKR SLCNE-2
Facility Name:	SIL TECH CORP
Address:	810 S MAUMEE ST TECUMSEH MI 49286
Tribal Indicator:	Not reported
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	2821

D19 **SIL TECH CORP** **FINDS** **1000133444**
SE **810 S MAUMEE ST** **RAATS** **MID011360732**
1/8-1/4 **TECUMSEH, MI 49286** **RCRA-CESQG**
0.188 mi.
993 ft. **Site 5 of 5 in cluster D**

Relative:
Lower

FINDS:

Registry ID: 110003585889

Actual:
786 ft.

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RCRA-CESQG:

Date form received by agency:	04/26/2004
Facility name:	SIL TECH CORP
Facility address:	810 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MID011360732
Contact:	DARIK CHAPMAN
Contact address:	810 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-3113
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHAPMAN TWILA V
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/1983
Owner/Op end date: Not reported

Owner/operator name: CHAPMAN TWILA V
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1983
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/18/2003
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/13/2002
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/07/1986
Facility name: SIL TECH CORP
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/20/1990
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/24/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/20/1990
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/24/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/31/1989
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1989
Enf. disposition status: Not reported

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/1989
Date achieved compliance: 10/12/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/18/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 5375
Final penalty amount: 5375
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/11/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: State
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 12/15/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/25/1986
Date achieved compliance: 09/02/1987
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/17/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 5375
Final penalty amount: 5375
Paid penalty amount: 5000

Evaluation Action Summary:
Evaluation date: 04/30/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/20/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 06/20/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 07/31/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 07/31/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/12/1990
Evaluation lead agency: State

Evaluation date: 11/25/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/02/1987
Evaluation lead agency: EPA

Evaluation date: 11/25/1986

US EPA ARCHIVE DOCUMENT

SIL TECH CORP (Continued) **1000133444**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/02/1987
Evaluation lead agency: State

E20 **PAUL SMITH OIL, INC** **AST** **A100269087**
NE **426 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.227 mi.
1196 ft. **Site 1 of 9 in cluster E**

Relative:
Lower

Actual:
790 ft.

AST:
Type: CLOSED
Owner Name: Paul Smith Oil Inc
Owner Address: 4214 S Adrian Hwy
Owner City,St,Zip: Adrian, MI 49221-8725
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 265-6809
Facility ID: 91046057
District: Jackson District Office
Contact: RAY DOLLISON
Facility Phone: (517) 423-2624
Tank ID: 1
Tank Status: Removed from Premises
Capacity: 42000
Install Date: Jan 1 1950
Close Date: May 4 1992
Content: Flammable Liquid
Latitude: 41.9997060000
Longitude: -83.9398760000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

Type: CLOSED
Owner Name: Paul Smith Oil Inc
Owner Address: 4214 S Adrian Hwy
Owner City,St,Zip: Adrian, MI 49221-8725
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 265-6809
Facility ID: 91046057
District: Jackson District Office
Contact: RAY DOLLISON
Facility Phone: (517) 423-2624
Tank ID: 2
Tank Status: Removed from Premises
Capacity: 15000
Install Date: Jan 1 1950
Close Date: Mar 14 1987
Content: Flammable Liquid
Latitude: 41.9997060000
Longitude: -83.9398760000

US EPA ARCHIVE DOCUMENT

PAUL SMITH OIL, INC (Continued) **A100269087**

Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu
Type:	CLOSED
Owner Name:	Paul Smith Oil Inc
Owner Address:	4214 S Adrian Hwy
Owner City,St,Zip:	Adrian, MI 49221-8725
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 265-6809
Facility ID:	91046057
District:	Jackson District Office
Contact:	RAY DOLLISON
Facility Phone:	(517) 423-2624
Tank ID:	4
Tank Status:	Removed from Premises
Capacity:	20000
Install Date:	Jan 1 1950
Close Date:	May 4 1992
Content:	Flammable Liquid
Latitude:	41.9997060000
Longitude:	-83.9398760000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu
Type:	CLOSED
Owner Name:	Paul Smith Oil Inc
Owner Address:	4214 S Adrian Hwy
Owner City,St,Zip:	Adrian, MI 49221-8725
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 265-6809
Facility ID:	91046057
District:	Jackson District Office
Contact:	RAY DOLLISON
Facility Phone:	(517) 423-2624
Tank ID:	5
Tank Status:	Removed from Premises
Capacity:	20000
Install Date:	Jan 1 1950
Close Date:	May 4 1992
Content:	Flammable Liquid
Latitude:	41.9997060000
Longitude:	-83.9398760000
Date of Collection:	01-11-2001

US EPA ARCHIVE DOCUMENT

PAUL SMITH OIL, INC (Continued) **A100269087**

Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

E21 **BUGS SUPER SERVICE** **UST** **U003102097**
NE **426 S MAUMEE ST** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.227 mi.
1196 ft. **Site 2 of 9 in cluster E**

Relative:
Lower

Actual:
790 ft.

UST:

Facility ID:	00002072
Facility Type:	CLOSED
Latitude:	41.9997060000
Longitude:	-83.9398760000
Owner Name:	Paul Smith Oil Inc
Owner Address:	4214 S Adrian Hwy
Owner City,St,Zip:	Adrian, MI 49221-8725
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 265-6809
Contact:	PAUL E. SMITH
Contact Phone:	(517) 265-2222
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	2500
Install Date:	Apr 18 1960
Product:	Not reported
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	2500
Install Date:	Apr 18 1960
Product:	Not reported
Remove Date:	May 29 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported

US EPA ARCHIVE DOCUMENT

BUGS SUPER SERVICE (Continued) **U003102097**

Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 2500
Install Date: Apr 18 1960
Product: Not reported
Remove Date: May 29 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 18 1960
Product: Gasoline
Remove Date: May 29 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 18 1960
Product: Kerosene
Remove Date: May 29 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

E22
NE
1/8-1/4
0.227 mi.
1196 ft.

PAUL SMITH OIL CO INC **FINDS 1004531769**
426 S MAUMEE **N/A**
TECUMSEH, MI 49286

Site 3 of 9 in cluster E

Relative:
Lower

Actual:
790 ft.

FINDS:

Registry ID: 110001320222

Environmental Interest/Information System

US EPA ARCHIVE DOCUMENT

PAUL SMITH OIL CO INC (Continued) **1004531769**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

E23 **CONSOLIDATED FREIGHTWAYS** **LUST U000258343**
NE **424 S MAUMEE ST** **UST N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.228 mi.
1205 ft. **Site 4 of 9 in cluster E**

Relative:
Lower

Actual:
790 ft.

LUST:

Facility ID:	00016246
Source:	STATE OF MICHIGAN
Owner Name:	Consolidated Freightways
Owner Address:	Po Box 3010 175 Linfield Dr
Owner City,St,Zip:	Menlo Park, CA 94026-3010
Owner Contact:	Not reported
Owner Phone:	(650) 326-1700
Country:	USA
District:	Jackson District Office
Site Name:	Consolidated Freightways
Latitude:	41.9997250000
Longitude:	-83.9398760000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-1561-91
Release Date:	Jul 30 1991
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	Mar 20 1998

UST:

Facility ID:	00016246
Facility Type:	CLOSED
Latitude:	41.9997250000
Longitude:	-83.9398760000
Owner Name:	Consolidated Freightways
Owner Address:	Po Box 3010 175 Linfield Dr
Owner City,St,Zip:	Menlo Park, CA 94026-3010
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(650) 326-1700
Contact:	JOE WATERS

US EPA ARCHIVE DOCUMENT

CONSOLIDATED FREIGHTWAYS (Continued) **U000258343**

Contact Phone:	(517) 423-7477
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	D-1
Tank Status:	**Removed from Ground**
Capacity:	8000
Install Date:	Apr 16 1960
Product:	Diesel
Remove Date:	Jul 30 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

E24 **POLYMERIC PROCESSES, INC.** **FINDS** **1004533793**
NE **414 S MAUMEE** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.236 mi.
1245 ft. **Site 5 of 9 in cluster E**

Relative:
Lower

FINDS:

Registry ID: 110001682830

Actual:
790 ft.

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

US EPA ARCHIVE DOCUMENT

E25
NE
1/8-1/4
0.236 mi.
1245 ft.

DALE TECHNOLOGIES INC
414 S MAUMEE ST
TECUMSEH, MI 49286

Site 6 of 9 in cluster E

FINDS **1000908952**
RCRA-NonGen **MI0000372854**

Relative:
Lower

Actual:
790 ft.

FINDS:

Registry ID: 110003565794

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:

Date form received by agency:	12/31/2001
Facility name:	DALE TECHNOLOGIES INC
Facility address:	414 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MI0000372854
Contact:	ROBERT HUNTLEY
Contact address:	414 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-8318
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2002
Owner/Op end date:	Not reported

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2002
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

US EPA ARCHIVE DOCUMENT

DALE TECHNOLOGIES INC (Continued) **1000908952**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 06/01/1994
Facility name: DALE TECHNOLOGIES INC
Classification: Not a generator, verified

Violation Status: No violations found

US EPA ARCHIVE DOCUMENT

E26
NE
1/8-1/4
0.237 mi.
1253 ft.

TECUMSEH THERMOPLASTICS INC
412 S MAUMEE ST
TECUMSEH, MI 49286

Site 7 of 9 in cluster E

FINDS **1007451220**
N/A

Relative:
Lower

Actual:
790 ft.

FINDS:

Registry ID: 110017870375

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E27
NE
1/8-1/4
0.237 mi.
1253 ft.

LENAWEE PRECISION PLASTICS INC
412 S MAUMEE ST
TECUMSEH, MI 49286

Site 8 of 9 in cluster E

RCRA-SQG **1007371061**
MIK888223161

Relative:
Lower

Actual:
790 ft.

RCRA-SQG:

Date form received by agency:	06/02/2004
Facility name:	LENAWEE PRECISION PLASTICS INC
Facility address:	412 S MAUMEE ST TECUMSEH, MI 49286
EPA ID:	MIK888223161
Mailing address:	PO BOX 188 TECUMSEH, MI 49286
Contact:	ANDRE RUCKER
Contact address:	412 S MAUMEE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-0766
Contact email:	Not reported
EPA Region:	05
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WILLIAM ANDRE RUCKER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/17/2004
Owner/Op end date:	Not reported
Owner/operator name:	LENAWEE PRECISION PLASTICS INC

US EPA ARCHIVE DOCUMENT

LENAWEE PRECISION PLASTICS INC (Continued) **1007371061**

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1995
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

LENAWEE PRECISION PLASTICS INC (Continued) **1007371061**

Historical Generators:
Date form received by agency: 05/17/2004
Facility name: LENAWEE PRECISION PLASTICS INC
Classification: Small Quantity Generator

Violation Status: No violations found

E28 **LENAWEE PRECISION PLASTICS** **NPDES** **S108959983**
NE **412 SOUTH MAUMEE STREET** **N/A**
1/8-1/4 **TECUMSEH, MI 49286**
0.237 mi.
1253 ft. **Site 9 of 9 in cluster E**

Relative:
Lower

Actual:
790 ft.

MI NPDES:
Permit Number: MIS510700
Permitee PO Box: Y
Permitee Email: Not reported
Issue Date: 6/27/2007
Effective Date: 6/27/2007
Expiration Date: 4/1/2010
Permittee Name: Lenawee Precision Plastics
Permittee Address: 412 South Maumee Street
Permittee Addr2: PO Box 188
Permittee City,St,Zip: Tecumseh, MI 49286
Permit Type: COC
Facility Name 2: Not reported
Facility Name 3: Not reported
Facility Name 4: Not reported
Designed Name: Lenawee Precision Plastics
Latitude: 42.004719999999999
Lat Direction: N
Lat Type Code: LAT
Longitude: -83.940280000000001
Lon Direction: W
Lon Type Code: LON
Hydrologic Unit Code: 4100002

F29 **BEA** **S105541849**
North **317 S OTTAWA ST** **N/A**
1/4-1/2 **TECUMSEH TOWNSHIP, MI**
0.273 mi.
1439 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
801 ft.

BEA:
Secondary Address: Not reported
BEA Number: 7
District: Jackson
Date Received: 10/26/1995
Submitter Name: Rosemary Schneider/Revocable Trust
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Storage Tank Division

Secondary Address: Not reported

US EPA ARCHIVE DOCUMENT

(Continued) **S105541849**

BEA Number: 11
District: Jackson
Date Received: 11/20/1995
Submitter Name: Metal Art Inc
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: massonp
Division Assigned: Environmental Response Division

F30 **RARE TOOL, INC.** **BEA** **S105541848**
North **315 S OTTAWA ST** **N/A**
1/4-1/2 **TECUMSEH TOWNSHIP, MI**
0.274 mi.
1448 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
801 ft.

BEA:
Secondary Address: Not reported
BEA Number: 10
District: Jackson
Date Received: 11/20/1995
Submitter Name: Rare Tool Inc
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: massonp
Division Assigned: Environmental Response Division

G31 **TECUMSEH CITY DUMP** **FINDS** **1006829757**
NE **WYANDOTTE & CUMMINS STREETS** **N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.321 mi.
1697 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
788 ft.

FINDS:

Registry ID: 110013901536

Environmental Interest/Information System
The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA ARCHIVE DOCUMENT

G32
NE
1/4-1/2
0.322 mi.
1700 ft.

Relative:
Lower

Actual:
788 ft.

500 EAST CUMMINS
TECUMSEH TOWNSHIP, MI

Site 2 of 2 in cluster G

BEA **S105767796**
N/A

BEA:

Secondary Address:	Not reported
BEA Number:	35
District:	Jackson
Date Received:	8/19/1996
Submitter Name:	Anne E. Flora & John J. Ryan
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	massonp
Division Assigned:	Environmental Response Division

33
WNW
1/4-1/2
0.329 mi.
1739 ft.

Relative:
Higher

Actual:
813 ft.

RICHARDSON SAND & GRAVEL
324 W PATTERSON ST
TECUMSEH, MI 49286

UST **U003102617**
N/A

UST:

Facility ID:	00005025
Facility Type:	CLOSED
Latitude:	41.9986420000
Longitude:	-83.9495250000
Owner Name:	Richardson Sand & Gravel
Owner Address:	324 W Patterson St
Owner City,St,Zip:	Tecumseh, MI 49286-1934
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-3344
Contact:	THOMAS RICHARDSON
Contact Phone:	(517) 423-3344
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 10 1982
Product:	Gasoline
Remove Date:	May 17 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

H34 **BOLEY FUELS** **UST U000258201**
SSW **100 E RUSSELL RD** **AST N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.368 mi.
1942 ft. **Site 1 of 4 in cluster H**

Relative:
Higher

Actual:
803 ft.

UST:

Facility ID:	00015103
Facility Type:	ACTIVE
Latitude:	41.9920730000
Longitude:	-83.9447790000
Owner Name:	Avery Oil & Propane
Owner Address:	3700 Rives Eaton Rd
Owner City,St,Zip:	Rives Junction, MI 49277
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 569-3366
Contact:	Jim Lawson
Contact Phone:	(517) 423-6602
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Jan 1 1976
Product:	Kerosene
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Not reported
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	2
Tank Status:	**Currently In Use**
Capacity:	20000
Install Date:	Jan 1 1976
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	3
Tank Status:	**Currently In Use**
Capacity:	20000

US EPA ARCHIVE DOCUMENT

BOLEY FUELS (Continued) **U000258201**

Install Date: Mar 17 1977
Product: Diesel
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 4
Tank Status: **Currently In Use**
Capacity: 20000
Install Date: Jan 1 1976
Product: Fuel-Oil
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Galvanized Steel
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interior
Impressed Device: No

Tank ID: 5
Tank Status: **Currently In Use**
Capacity: 10000
Install Date: Jan 1 1976
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 6
Tank Status: **Currently In Use**
Capacity: 15000
Install Date: Jan 1 1976
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 7
Tank Status: **Removed from Ground**
Capacity: 1000
Install Date: Mar 17 1977

US EPA ARCHIVE DOCUMENT

BOLEY FUELS (Continued) **U000258201**

Product: Diesel
Remove Date: Jul 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 8
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Mar 17 1978
Product: Gasoline
Remove Date: Jul 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 9
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Mar 17 1984
Product: Gasoline
Remove Date: Jul 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

AST:
Type: ACTIVE
Owner Name: Boley Fuels
Owner Address: 100 E Russell Rd Po Box 55
Owner City,St,Zip: Tecumseh, MI 49286-2050
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 423-6602
Facility ID: 92084386
District: Jackson District Office
Contact: JIM LAWSON
Facility Phone: (517) 423-6602
Tank ID: 1
Tank Status: Currently In Use
Capacity: 1000
Install Date: May 16 2000
Close Date: Not reported
Content: Liquid Propane Gas
Latitude: 41.9913473300
Longitude: -83.9433067600

US EPA ARCHIVE DOCUMENT

BOLEY FUELS (Continued) **U000258201**

Date of Collection:	Not reported
Accuracy:	15
Accuracy Value Unit:	METERS
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Not reported
Method of Collection:	Interpolation-Map

H35 **BOLEY FUEL INC** **FINDS 1004724010**
SSW **100 E RUSSELL ST** **RCRA-CESQG MID985654409**
1/4-1/2 **TECUMSEH, MI 49286**
0.368 mi.
1942 ft. **Site 2 of 4 in cluster H**

Relative: Higher

Actual: 803 ft.

FINDS:

Registry ID: 110003677236

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency:	12/08/1992
Facility name:	BOLEY FUEL INC
Facility address:	100 E RUSSELL ST TECUMSEH, MI 49286
EPA ID:	MID985654409
Contact:	RICHARD BOLEY
Contact address:	100 E RUSSELL ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-6602
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

US EPA ARCHIVE DOCUMENT

BOLEY FUEL INC (Continued) **1004724010**

Owner/Operator Summary:
- Owner/operator name: BOLEY RA FUEL INC
- Owner/operator address: Not reported
  Not reported
- Owner/operator country: Not reported
- Owner/operator telephone: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 01/01/1970
- Owner/Op end date: Not reported

- Owner/operator name: BOLEY RA FUEL INC
- Owner/operator address: Not reported
  Not reported
- Owner/operator country: Not reported
- Owner/operator telephone: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 01/01/1970
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
- Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
- Accumulated waste on-site: No
- Generated waste on-site: No

- Waste type: MERCURY THERMOMETERS
- Accumulated waste on-site: No
- Generated waste on-site: No

- Waste type: MERCURY SWITCHES
- Accumulated waste on-site: No
- Generated waste on-site: No

- Waste type: Batteries
- Accumulated waste on-site: No
- Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

BOLEY FUEL INC (Continued) **1004724010**

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Violation Status: No violations found

I36 **ERVIN PRODUCT DEV. CENTER** **AIRS** **S107701595**
South **200 INDUSTRIAL DRIVE** **N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.400 mi.
2112 ft. **Site 1 of 3 in cluster I**

Relative:
Lower

Actual:
793 ft.

AIRS:

State Registration Number:	N3246
Naics Code:	Not reported
Contact Name:	TIM MOSTOWY
Contact Phone:	Not reported
Contact Address:	ERVIN PRODUCT DEV. CENTER
Contact Address 2:	200 INDUSTRIAL DRIVE
Contact City,St,Zip:	TECUMSEH, MI 49286
Permit Number:	954-91
Date Received:	08/12/91
State Registration Number:	N3246
Country:	Not reported
RID:	Not reported
Application Reason:	MELTING/SHOT FORMING NEW SOURCE
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Site Description:	Not reported
NTI Site ID:	Not reported
Dunn&Bradstreet No:	Not reported
TRIID:	Not reported
Submittal Flag:	Not reported
Tribal Code:	Not reported
EI Year:	Not reported

I37 **ERVIN TECHNOLOGIES** **TRIS** **1001479197**
South **200 INDUSTRIAL DR** **49286RVNPR20**
1/4-1/2 **TECUMSEH, MI 49286**
0.400 mi.
2112 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
793 ft.

US EPA ARCHIVE DOCUMENT

I38
South
1/4-1/2
0.400 mi.
2112 ft.

ERVIN INDUSTRIES
200 INDUSTRIAL DR
TECUMSEH, MI 49286

FINDS **1000529506**
RCRA-CESQG **MID985619642**

Site 3 of 3 in cluster I

Relative:
Lower

Actual:
793 ft.

FINDS:

Registry ID: 110000410092

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency:	04/22/2008
Facility name:	ERVIN INDUSTRIES
Facility address:	200 INDUSTRIAL DR TECUMSEH, MI 49286
EPA ID:	MID985619642
Contact:	CHRISTOPHER BEEMAN
Contact address:	200 INDUSTRIAL DR TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-5477
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Owner/Operator Summary:

Owner/operator name:	ERVIN INDUSTRIES INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/29/1991
Owner/Op end date:	Not reported

Owner/operator name:	ERVIN INDUSTRIES INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/29/1991
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No

Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No

Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No

Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 03/07/2007
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/17/2006
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/2004
Facility name: ERVIN INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 09/26/2003
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2001
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/19/2001
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/29/1991
Facility name: ERVIN INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.20(a)
Area of violation: Generators - Manifest
Date violation determined: 09/10/2003
Date achieved compliance: 09/23/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

US EPA ARCHIVE DOCUMENT

ERVIN INDUSTRIES (Continued) **1000529506**

Regulation violated:	FR - 262.34(a)(3)
Area of violation:	Generators - General
Date violation determined:	09/10/2003
Date achieved compliance:	09/23/2003
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	10/17/2003
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	09/10/2003
Date achieved compliance:	09/23/2003
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	10/17/2003
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	09/10/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	09/23/2003
Evaluation lead agency:	EPA

Evaluation date:	09/10/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Manifest
Date achieved compliance:	09/23/2003
Evaluation lead agency:	EPA

H39 **LENAWEE COUNTY ROAD COMMISSION** **AST** **A100127315**
SSW **6886 RAISIN CENTER HWY** **N/A**
1/4-1/2 **TECUMSEH, MI 49221**
0.408 mi.
2155 ft. **Site 3 of 4 in cluster H**

Relative:
Higher

Actual:
803 ft.

AST:

Type:	ACTIVE
Owner Name:	Lenawee County Road Commission
Owner Address:	2461 Treat St
Owner City,St,Zip:	Adrian, MI 49221-4009
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(517) 265-6971
Facility ID:	91046539
District:	Jackson District Office
Contact:	GORDON ROBACK

US EPA ARCHIVE DOCUMENT

LENAWEE COUNTY ROAD COMMISSION (Continued) **A100127315**

Facility Phone:	(517) 265-6971
Tank ID:	1
Tank Status:	Currently In Use
Capacity:	6000
Install Date:	Jun 26 1997
Close Date:	Not reported
Content:	FL/CL
Latitude:	41.9905218600
Longitude:	-83.9458879900
Date of Collection:	Not reported
Accuracy:	15
Accuracy Value Unit:	METERS
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Not reported
Method of Collection:	Interpolation-Map

H40 **TECUMSEH GARAGE** **UST** **U000258393**
SSW **6886 RAISIN CENTER HWY** **N/A**
1/4-1/2 **TECUMSEH, MI 49221**
0.408 mi.
2155 ft. **Site 4 of 4 in cluster H**

Relative:
Higher

Actual:
803 ft.

UST:

Facility ID:	00000442
Facility Type:	CLOSED
Latitude:	41.9904830000
Longitude:	-83.9459180000
Owner Name:	Lenawee County Road Commission
Owner Address:	2461 Treat St
Owner City,St,Zip:	Adrian, MI 49221-4009
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 265-6971
Contact:	GORDON ROBACK
Contact Phone:	(517) 265-6971
Date of Collection:	Not reported
Accuracy:	15
Accuracy Value Unit:	METERS
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map

Tank ID:	11
Tank Status:	**Removed from Ground**
Capacity:	10000
Install Date:	Mar 13 1965
Product:	Diesel
Remove Date:	Apr 29 1997
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Cathodically Protected Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

TECUMSEH GARAGE (Continued) **U000258393**

Tank ID:	15
Tank Status:	**Removed from Ground**
Capacity:	2000
Install Date:	Mar 13 1965
Product:	Gasoline
Remove Date:	Apr 29 1997
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

41
NNE
1/4-1/2
0.438 mi.
2312 ft.

HERRICK MEMORIAL HOSPITAL
500 E POTTAWATAMIE ST
TECUMSEH, MI 49286

RCRA-SQG **1000361108**
FINDS **MID144464328**
LUST
UST

Relative:
Lower

Actual:
791 ft.

RCRA-SQG:

Date form received by agency:	08/15/2008
Facility name:	HERRICK MEMORIAL HOSPITAL
Facility address:	500 E POTTAWATAMIE ST TECUMSEH, MI 49286
EPA ID:	MID144464328
Contact:	TAMMY GERMAN
Contact address:	500 E POTTAWATAMIE ST TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 265-0393
Contact email:	Not reported
EPA Region:	05
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF TECUMSEH
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	02/01/1938
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF TECUMSEH
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Owner/Op start date: 02/01/1938
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 08/15/2002
Facility name: HERRICK MEMORIAL HOSPITAL
Classification: Small Quantity Generator

Date form received by agency: 08/14/1989

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Facility name: HERRICK MEMORIAL HOSPITAL
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110003613466

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Facility ID: 00015175
Source: STATE OF MICHIGAN
Owner Name: Herrick Memorial Hospital
Owner Address: 500 E Pottawatamie St
Owner City,St,Zip: Tecumseh, MI 49286-2018
Owner Contact: Not reported
Owner Phone: (517) 265-0368
Country: USA
District: Jackson District Office
Site Name: Herrick Health Center
Latitude: 42.0026790000
Longitude: -83.9382420000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0837-98
Release Date: Sep 8 1998
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Jan 28 2000

Leak Number: C-0891-90
Release Date: May 22 1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Jan 28 2000

UST:
Facility ID: 00015175
Facility Type: CLOSED
Latitude: 42.0026790000
Longitude: -83.9382420000
Owner Name: Herrick Memorial Hospital
Owner Address: 500 E Pottawatamie St

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Owner City,St,Zip:	Tecumseh, MI 49286-2018
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 265-0368
Contact:	MR MICHAEL EDGAR
Contact Phone:	(517) 265-0368
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 7 1981
Product:	Gasoline
Remove Date:	Sep 1 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 7 1961
Product:	Diesel
Remove Date:	Sep 1 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	4
Tank Status:	**Closed in Ground**
Capacity:	500
Install Date:	Apr 8 1979
Product:	Diesel
Remove Date:	Jul 9 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

HERRICK MEMORIAL HOSPITAL (Continued) **1000361108**

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 300
Install Date: Apr 7 1986
Product: Diesel
Remove Date: Jul 9 1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected
Piping Type: Not reported
Constr Material: Cathodically Protected Steel
Impressed Device: No

42
SSW
1/4-1/2
0.443 mi.
2336 ft.

6792 RAISIN CENTER HWY, LENAWEE CO.RD.COMM.OWNER, TECUMSEH **FINDS** **1008203649**
6792 RAISIN CENTER HIGHWAY **N/A**
TECUMSEH, MI 49286

Relative:
Higher

Actual:
803 ft.

FINDS:

Registry ID: 110020828693

Environmental Interest/Information System
US EPA Air Quality System (AQS) contains ambient air pollution data collected by EPA, State, Local, and Tribal air pollution control agencies from thousands of monitoring stations.

43
SSE
1/4-1/2
0.443 mi.
2337 ft.

CURLEY MACHINED PRODUCTS **FINDS** **1000282876**
907 INDUSTRIAL DR **RCRA-NonGen** **MID005344734**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
780 ft.

FINDS:

Registry ID: 110006514263

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:
Date form received by agency: 05/04/1987
Facility name: CURLEY MACHINED PRODUCTS
Facility address: 907 INDUSTRIAL DR
TECUMSEH, MI 49286
EPA ID: MID005344734
Mailing address: PO BOX 80
TECUMSEH, MI 49286

US EPA ARCHIVE DOCUMENT

CURLEY MACHINED PRODUCTS (Continued) **1000282876**

Contact: RON STEELE
Contact address: 907 INDUSTRIAL DR
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 423-2177
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No

US EPA ARCHIVE DOCUMENT

CURLEY MACHINED PRODUCTS (Continued) **1000282876**

Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Violation Status: No violations found

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44 **GTE 1430-001B** **UST** **U003102565**
North **224 E CHICAGO 224 E MICHIGAN (FORMERLY)** **N/A**
1/4-1/2 **TECUMSEH, MI 48375**
0.463 mi.
2445 ft.

Relative:
Lower

Actual:
799 ft.

UST:
Facility ID: 00004609
Facility Type: CLOSED
Latitude: 42.0039050000
Longitude: -83.9432260000
Owner Name: Gte North Inc
Owner Address: 41140 Bridge St
Owner City,St,Zip: Novi, MI 48375-1300
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (317) 896-6605
Contact: CHARLES HARTER
Contact Phone: (219) 461-2307
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: A
Tank Status: Removed from Ground
Capacity: 500
Install Date: Mar 1 1973
Product: Diesel
Remove Date: Nov 1 1986
Tank Release Detection: Not reported

US EPA ARCHIVE DOCUMENT

GTE 1430-001B (Continued) **U003102565**

Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: B
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Mar 1 1987
Product: Diesel
Remove Date: Jul 8 1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

45
North
1/4-1/2
0.465 mi.
2456 ft.

CITY OF TECUMSEH **UST** **U000258307**
309 E CHICAGO BLVD **N/A**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
797 ft.

UST:
Facility ID: 00034243
Facility Type: ACTIVE
Latitude: 42.0042120000
Longitude: -83.9416960000
Owner Name: City Of Tecumseh
Owner Address: 132 1/2 CHICAGO BLVD
Owner City,St,Zip: TECUMSEH, MI 49286
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-2107
Contact: DAVID WILLIAMS
Contact Phone: (517) 423-2107
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: Not reported
Install Date: Not reported
Product: Gasoline
Remove Date: Jul 5 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

US EPA ARCHIVE DOCUMENT

CITY OF TECUMSEH (Continued) **U000258307**

Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Currently In Use
Capacity: Not reported
Install Date: Not reported
Product: FUEL OIL
Remove Date: Not reported
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: Not reported
Install Date: Not reported
Product: Diesel
Remove Date: Jul 5 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

46
North
1/4-1/2
0.468 mi.
2469 ft.

160 E CHICAGO
TECUMSEH TOWNSHIP, MI

LUST **S102726420**
BEA **N/A**

Relative:
Higher

Actual:
802 ft.

LUST:
Facility ID: 50002091
Source: STATE OF MICHIGAN
Owner Name: Nrt Owner
Owner Address: Unknown
Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Jackson District Office
Site Name: NRT Owner
Latitude: 42.0038800000
Longitude: -83.9443480000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

US EPA ARCHIVE DOCUMENT

(Continued) **S102726420**

Leak Number: C-0666-97
Release Date: Mar 25 1996
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

BEA:
Secondary Address: Not reported
BEA Number: 21
District: Jackson
Date Received: 3/26/1996
Submitter Name: Scott Evans
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: temppm
Division Assigned: Storage Tank Division

J47 **SUNOCO INC** **FINDS** **1000841527**
NNE **402 E CHICAGO BLVD** **RCRA-NonGen** **MID000675900**
1/4-1/2 **TECUMSEH, MI 49286**
0.484 mi.
2554 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
794 ft.

FINDS:

Registry ID: 110003574258

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-NonGen:
Date form received by agency: 08/18/1980
Facility name: SUNOCO INC
Facility address: 402 E CHICAGO BLVD
TECUMSEH, MI 49286
EPA ID: MID000675900
Contact: GIL LOVELL
Contact address: 402 E CHICAGO BLVD
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (313) 358-2540
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported

US EPA ARCHIVE DOCUMENT

SUNOCO INC (Continued) **1000841527**

Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

US EPA ARCHIVE DOCUMENT

SUNOCO INC (Continued) **1000841527**

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Violation Status: No violations found

J48 **PERKY PANTRY EAST** **LUST U002301951**
NNE **413 E CHICAGO BLVD** **UST N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.487 mi.
2569 ft. **Site 2 of 2 in cluster J**

Relative:
Lower

Actual:
794 ft.

LUST:
Facility ID: 00016039
Source: STATE OF MICHIGAN
Owner Name: Lenawee Fuels Inc
Owner Address: PO Box 337
Owner City,St,Zip: Tecumseh, MI 49286-0337
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Country: USA
District: Jackson District Office
Site Name: Eastside 76
Latitude: 42.0042500000
Longitude: -83.9398790000
Date of Collection: 01-12-1998
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1001-94
Release Date: Sep 9 1994
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Nov 7 1994

UST:
Facility ID: 00016039
Facility Type: ACTIVE
Latitude: 42.0042500000
Longitude: -83.9398790000
Owner Name: Lenawee Fuels Inc
Owner Address: PO Box 337
Owner City,St,Zip: Tecumseh, MI 49286-0337
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Contact: JAMES C LAWSON
Contact Phone: (517) 423-6695
Date of Collection: 01-12-1998
Accuracy: 10
Accuracy Value Unit: METERS

US EPA ARCHIVE DOCUMENT

PERKY PANTRY EAST (Continued) **U002301951**

Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off

Tank ID:	6
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Apr 25 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Double Walled,Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	7
Tank Status:	**Currently In Use**
Capacity:	9000
Install Date:	Jan 1 1994
Product:	Diesel,Kerosene
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Double Walled,Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Double Walled,Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Apr 25 1976
Product:	Gasoline
Remove Date:	Jun 1 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	5000
Install Date:	Apr 25 1976
Product:	Gasoline
Remove Date:	Jun 1 1986
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel

US EPA ARCHIVE DOCUMENT

PERKY PANTRY EAST (Continued) **U002301951**

Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 25 1976
Product: Gasoline
Remove Date: Jun 1 1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Currently In Use
Capacity: 10000
Install Date: Apr 25 1986
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 5
Tank Status: Currently In Use
Capacity: 10000
Install Date: Apr 25 1986
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

K49 **BAKER BROTHERS** **FINDS** **1001220270**
NNW **142 W CHICAGO BLVD** **RCRA-CESQG** **MIR000032805**
1/4-1/2 **TECUMSEH, MI 49286**
0.487 mi.
2570 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

FINDS:

Registry ID: 110003706366

Actual:
805 ft.

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

US EPA ARCHIVE DOCUMENT

BAKER BROTHERS (Continued) **1001220270**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-CESQG:

Date form received by agency:	12/31/2002
Facility name:	BAKER BROTHERS
Facility address:	142 W CHICAGO BLVD TECUMSEH, MI 49286
EPA ID:	MIR000032805
Contact:	JEFF BAKER
Contact address:	142 W CHICAGO BLVD TECUMSEH, MI 49286
Contact country:	Not reported
Contact telephone:	(517) 423-4000
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	BAKER BROTHERS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

Owner/operator name:	BAKER BROTHERS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

US EPA ARCHIVE DOCUMENT

BAKER BROTHERS (Continued) **1001220270**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 06/18/1998
Facility name: BAKER BROTHERS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

US EPA ARCHIVE DOCUMENT

K50 **BAKER BROS INC** **LUST** **U000258260**
NNW **160 W CHICAGO BLVD** **UST** **N/A**
1/4-1/2 **TECUMSEH, MI 49286**
0.491 mi.
2592 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
806 ft.

LUST:

Facility ID:	00034744
Source:	STATE OF MICHIGAN
Owner Name:	Baker Bros Inc
Owner Address:	160 W Chicago Blvd
Owner City,St,Zip:	Tecumseh, MI 49286-1553
Owner Contact:	Not reported
Owner Phone:	(517) 423-4000
Country:	USA
District:	Jackson District Office
Site Name:	Baker Bros Inc
Latitude:	42.0038450000
Longitude:	-83.9459650000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0363-02
Release Date:	Aug 6 1997
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

UST:

Facility ID:	00034744
Facility Type:	ACTIVE
Latitude:	42.0038450000
Longitude:	-83.9459650000
Owner Name:	Baker Bros Inc
Owner Address:	160 W Chicago Blvd
Owner City,St,Zip:	Tecumseh, MI 49286-1553
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-4000
Contact:	JACK BAKER
Contact Phone:	5174235625
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Jan 1 1975
Product:	Gasoline

US EPA ARCHIVE DOCUMENT

BAKER BROS INC (Continued) **U000258260**

Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Lined Interier
Impressed Device:	No

Tank ID:	2
Tank Status:	**Currently In Use**
Capacity:	4000
Install Date:	Jan 1 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Composite(Steel w/Fiberglass)
Impressed Device:	No

Tank ID:	3
Tank Status:	**Currently In Use**
Capacity:	6000
Install Date:	Jan 1 1986
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Composite(Steel w/Fiberglass)
Impressed Device:	No

51
NNE
1/2-1
0.518 mi.
2736 ft.

ROADHOUSE CAFE **LUST U001147835**
502 E CHICAGO BLVD **UST N/A**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
792 ft.

LUST:

Facility ID:	00036394
Source:	STATE OF MICHIGAN
Owner Name:	Jimmy Carres
Owner Address:	199 W Michigan Ave
Owner City,St,Zip:	Saline, MI 48176-1324
Owner Contact:	Not reported
Owner Phone:	(734) 429-5673
Country:	USA
District:	Jackson District Office
Site Name:	Road House Cafe
Latitude:	42.0040120000
Longitude:	-83.9382630000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100

US EPA ARCHIVE DOCUMENT

ROADHOUSE CAFE (Continued) **U001147835**

Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2237-92
Release Date: Dec 15 1992
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Jan 26 1993

UST:
Facility ID: 00036394
Facility Type: CLOSED
Latitude: 42.0040120000
Longitude: -83.9382630000
Owner Name: Jimmy Carres
Owner Address: 199 W Michigan Ave
Owner City,St,Zip: Saline, MI 48176-1324
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 429-5673
Contact: JIMMY CARRES
Contact Phone: (734) 429-5673
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 500
Install Date: Not reported
Product: Gasoline
Remove Date: Jan 11 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 500
Install Date: Not reported
Product: Used Oil
Remove Date: Feb 11 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Unknown

US EPA ARCHIVE DOCUMENT

ROADHOUSE CAFE (Continued) **U001147835**

Impressed Device: No

Tank ID: 3
Tank Status: **Removed from Ground**
Capacity: 500
Install Date: Not reported
Product: Kerosene
Remove Date: Feb 11 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

L52 **DEPT OF PUBLIC WORKS** **UST** **U002301955**
WNW **601 E CUMMINS ST** **N/A**
1/2-1 **TECUMSEH, MI 49286**
0.534 mi.
2821 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
819 ft.

UST:
Facility ID: 00014822
Facility Type: CLOSED
Latitude: 42.0000790000
Longitude: -83.9539100000
Owner Name: City Of Tecumseh
Owner Address: 309 E Chicago Blvd
Owner City,St,Zip: Tecumseh, MI 49286-1550
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-2107
Contact: FRANK L CROSBY
Contact Phone: (517) 423-2107
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 1000
Install Date: Mar 5 1969
Product: Gasoline
Remove Date: Jul 5 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

US EPA ARCHIVE DOCUMENT

DEPT OF PUBLIC WORKS (Continued) **U002301955**

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Mar 5 1969
Product:	Diesel
Remove Date:	May 1 1989
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Mar 5 1969
Product:	Gasoline
Remove Date:	Jul 5 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

L53 **CITY OF TECUMSEH** **AST** **A100172256**
WNW **601 W CUMMINS ST** **N/A**
1/2-1 **TECUMSEH, MI 49286**
0.534 mi.
2821 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
819 ft.

AST:

Type:	CLOSED
Owner Name:	Ferrellgas
Owner Address:	PO Box 110
Owner City,St,Zip:	Norwalk, OH 44857-0110
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(800) 943-6442
Facility ID:	92046021
District:	Jackson District Office
Contact:	Dick Bilby
Facility Phone:	(517) 423-2107
Tank ID:	1
Tank Status:	Removed from Premises
Capacity:	1000
Install Date:	May 3 1982
Close Date:	Dec 4 2007
Content:	Liquid Propane Gas
Latitude:	42.0010930000
Longitude:	-83.9385590000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN

US EPA ARCHIVE DOCUMENT

CITY OF TECUMSEH (Continued) **A100172256**

Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

54
NE
1/2-1
0.616 mi.
3250 ft.

Relative:
Lower

Actual:
771 ft.

TECUMSEH WASTEWATER TREATMENT
710 E CHICAGO BLVD
TECUMSEH, MI 49286

UST **U000715085**
N/A

UST:
Facility ID: 00035395
Facility Type: ACTIVE
Latitude: 42.0040480000
Longitude: -83.9360540000
Owner Name: City Of Tecumseh
Owner Address: 309 E Chicago Blvd
Owner City,St,Zip: Tecumseh, MI 49286-1550
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-2107
Contact: JOHN CURTH
Contact Phone: (517) 423-2107
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: **Currently In Use**
Capacity: 2500
Install Date: Jan 1 1988
Product: Diesel
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Realease Detection: Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Suction: No Valve At Tank
Constr Material: Fiberglass Reinforced plastic,Lined Interier
Impressed Device: No

55
WNW
1/2-1
0.677 mi.
3574 ft.

Relative:
Higher

Actual:
819 ft.

TECUMSEH LP
319 S ADRIAN ST
TECUMSEH, MI 49286

AST **A100172257**
N/A

AST:
Type: ACTIVE
Owner Name: Titan Propane
Owner Address: 10975 Hi Tech Dr
Owner City,St,Zip: Whitmore Lake, MI 48189

US EPA ARCHIVE DOCUMENT

TECUMSEH LP (Continued) **A100172257**

Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(810) 449-5800
Facility ID:	92046501
District:	Jackson District Office
Contact:	Teri Gates
Facility Phone:	(517) 423-2359
Tank ID:	1
Tank Status:	Currently In Use
Capacity:	18000
Install Date:	Not reported
Close Date:	Not reported
Content:	Liquid Propane Gas
Latitude:	42.0008830000
Longitude:	-83.9550860000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

Type:	ACTIVE
Owner Name:	Titan Propane
Owner Address:	10975 Hi Tech Dr
Owner City,St,Zip:	Whitmore Lake, MI 48189
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(810) 449-5800
Facility ID:	92046501
District:	Jackson District Office
Contact:	Teri Gates
Facility Phone:	(517) 423-2359
Tank ID:	2
Tank Status:	Currently In Use
Capacity:	18000
Install Date:	Mar 14 1994
Close Date:	Not reported
Content:	Liquid Propane
Latitude:	42.0008830000
Longitude:	-83.9550860000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

US EPA ARCHIVE DOCUMENT

56
North
1/2-1
0.682 mi.
3601 ft.

BEACON OIL CO
321 N EVANS
TECUMSEH, MI 48061

UST **U000258315**
N/A

Relative:
Higher

Actual:
801 ft.

UST:

Facility ID:	00008821
Facility Type:	CLOSED
Latitude:	42.0082520000
Longitude:	-83.9448040000
Owner Name:	By-Lo Oil Co
Owner Address:	2799 Wadhams Rd PO Box 61137
Owner City,St,Zip:	Port Huron, MI 48061-1371
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(810) 982-1450
Contact:	ROBERT DREYER
Contact Phone:	(313) 477-8887
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Apr 14 1961
Product:	Diesel
Remove Date:	Sep 2 1988
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	15000
Install Date:	Apr 14 1961
Product:	Diesel
Remove Date:	Sep 2 1988
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	11500

US EPA ARCHIVE DOCUMENT

BEACON OIL CO (Continued) **U000258315**

Install Date: Apr 14 1961
Product: Diesel
Remove Date: Sep 2 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 15000
Install Date: Apr 14 1961
Product: Diesel
Remove Date: Sep 2 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 14 1961
Product: Diesel
Remove Date: Sep 2 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

57
NE
1/2-1
0.745 mi.
3935 ft.

LENAWEE STAMPING CORP **RCRA-CESQG** **1007102636**
1200 E CHICAGO BLVD **MIR000103408**
TECUMSEH, MI 49286

Relative:
Lower

Actual:
752 ft.

RCRA-CESQG:
Date form received by agency: 09/30/2003
Facility name: LENAWEE STAMPING CORP
Facility address: 1200 E CHICAGO BLVD
TECUMSEH, MI 49286
EPA ID: MIR000103408
Contact: RICHARD BROWN
Contact address: 1200 E CHICAGO BLVD
TECUMSEH, MI 49286
Contact country: Not reported
Contact telephone: (517) 423-2400
Contact email: Not reported
EPA Region: 05
Land type: Private

US EPA ARCHIVE DOCUMENT

LENAWEE STAMPING CORP (Continued) **1007102636**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: MAZDA N AMERICA OPERATIONS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1901
Owner/Op end date: Not reported

Owner/operator name: MAZDA N AMERICA OPERATIONS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1901
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

US EPA ARCHIVE DOCUMENT

LENAWEE STAMPING CORP (Continued) **1007102636**

Universal Waste Summary:
Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:
Date form received by agency: 04/11/2003
Facility name: LENAWEE STAMPING CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/23/2002
Facility name: LENAWEE STAMPING CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/10/2001
Facility name: LENAWEE STAMPING CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/09/2001
Facility name: LENAWEE STAMPING CORP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/01/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US EPA ARCHIVE DOCUMENT

58
ENE
1/2-1
0.778 mi.
4108 ft.

MARILYN BLOOMFIELD
1314 W CHICAGO BLVD
TECUMSEH, MI 49286

LUST U003211834
UST N/A

Relative:
Lower

Actual:
759 ft.

LUST:

Facility ID:	00039098
Source:	STATE OF MICHIGAN
Owner Name:	Marilyn Bloomfield
Owner Address:	1314 W Chicago Blvd
Owner City,St,Zip:	Tecumseh, MI 49286-9769
Owner Contact:	Not reported
Owner Phone:	(517) 423-5992
Country:	USA
District:	Jackson District Office
Site Name:	Marilyn Bloomfield
Latitude:	42.0062140000
Longitude:	-83.9622780000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0450-96
Release Date:	Jun 24 1996
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	Oct 30 1996

UST:

Facility ID:	00039098
Facility Type:	CLOSED
Latitude:	42.0062140000
Longitude:	-83.9622780000
Owner Name:	Marilyn Bloomfield
Owner Address:	1314 W Chicago Blvd
Owner City,St,Zip:	Tecumseh, MI 49286-9769
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-5992
Contact:	MARILYN BLOOMFIELD
Contact Phone:	(517) 423-5992
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Jan 1 1935
Product:	Gasoline

US EPA ARCHIVE DOCUMENT

MARILYN BLOOMFIELD (Continued) **U003211834**

Remove Date: Nov 13 1996
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Jan 1 1935
Product: Gasoline
Remove Date: Nov 13 1996
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

59
WNW
1/2-1
0.871 mi.
4600 ft.

TECUMSEH CENTRAL **LUST U003211046**
805 W CHICAGO BLVD **UST N/A**
TECUMSEH, MI 49286

Relative: Higher

Actual: 804 ft.

LUST:
Facility ID: 00012248
Source: STATE OF MICHIGAN
Owner Name: Lenawee Fuels Inc
Owner Address: PO Box 337
Owner City,St,Zip: Tecumseh, MI 49286-0337
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Country: USA
District: Jackson District Office
Site Name: Clark Store #1970
Latitude: 42.0046340000
Longitude: -83.9574240000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0436-00
Release Date: May 10 2000
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Oct 9 2001

UST:
Facility ID: 00012248
Facility Type: ACTIVE

US EPA ARCHIVE DOCUMENT

TECUMSEH CENTRAL (Continued) **U003211046**

Latitude:	42.0046340000
Longitude:	-83.9574240000
Owner Name:	Lenawee Fuels Inc
Owner Address:	PO Box 337
Owner City,St,Zip:	Tecumseh, MI 49286-0337
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(517) 423-6695
Contact:	Bruce Litchford
Contact Phone:	(517) 423-6695
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Currently In Use**
Capacity:	7500
Install Date:	Nov 1 1972
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	SIR, Automatic Tank Gauging
Pipe Realease Detection:	SIR
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel, Lined Interior
Impressed Device:	No

Tank ID:	2
Tank Status:	**Closed in Ground**
Capacity:	7500
Install Date:	Nov 1 1972
Product:	Gasoline
Remove Date:	Sep 5 2001
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Constr Material:	Not reported
Impressed Device:	No

Tank ID:	3
Tank Status:	**Currently In Use**
Capacity:	7500
Install Date:	Nov 1 1972
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	SIR, Automatic Tank Gauging
Pipe Realease Detection:	SIR
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure

US EPA ARCHIVE DOCUMENT

TECUMSEH CENTRAL (Continued) **U003211046**

Constr Material: Asphalt Coated or Bare Steel, Lined Interior
Impressed Device: No

60
WNW
1/2-1
0.963 mi.
5086 ft.

SPEEDWAY #7306
905 W CHICAGO BLVD
TECUMSEH, MI 45501

LUST **1000529065**
UST **N/A**

Relative:
Higher

Actual:
805 ft.

LUST:

Facility ID:	00009640
Source:	STATE OF MICHIGAN
Owner Name:	Speedway SuperAmerica LLC
Owner Address:	PO Box 1500
Owner City,St,Zip:	Springfield, OH 45501-1500
Owner Contact:	Not reported
Owner Phone:	(937) 864-3000
Country:	USA
District:	Jackson District Office
Site Name:	Cheker #7306
Latitude:	42.0049770000
Longitude:	-83.9582690000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-1861-91
Release Date:	Sep 26 1991
Substance Released:	Unknown,Unknown
Release Status:	Closed
Release Closed Date:	Aug 12 1996

UST:

Facility ID:	00009640
Facility Type:	ACTIVE
Latitude:	42.0049770000
Longitude:	-83.9582690000
Owner Name:	Speedway SuperAmerica LLC
Owner Address:	PO Box 1500
Owner City,St,Zip:	Springfield, OH 45501-1500
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(937) 864-3000
Contact:	Dorothy Witt
Contact Phone:	(517) 423-3352
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

US EPA ARCHIVE DOCUMENT

SPEEDWAY #7306 (Continued) **1000529065**

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 19 1971
Product: Gasoline
Remove Date: Aug 20 1992
Tank Release Detection: Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Galvanized Steel
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: Yes

Tank ID: 7
Tank Status: Currently In Use
Capacity: 15000
Install Date: Aug 1 1992
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass Reinforced Plastic, Double Walled
Piping Type: Pressure
Constr Material: Cathodically Protected Steel, Double Walled
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 19 1971
Product: Gasoline
Remove Date: Aug 20 1992
Tank Release Detection: Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Galvanized Steel
Piping Type: Pressure,Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: Yes

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 19 1975
Product: Gasoline
Remove Date: Aug 20 1992
Tank Release Detection: Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Galvanized Steel
Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: Yes

Tank ID: 2

US EPA ARCHIVE DOCUMENT

SPEEDWAY #7306 (Continued) **1000529065**

Tank Status:	**Removed from Ground**
Capacity:	10000
Install Date:	Apr 19 1971
Product:	Gasoline
Remove Date:	Aug 20 1992
Tank Release Detection:	Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Galvanized Steel
Piping Type:	Pressure
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	Yes

Tank ID:	5
Tank Status:	**Currently In Use**
Capacity:	4000
Install Date:	Aug 1 1992
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass Reinforced Plastic, Double Walled
Piping Type:	Pressure
Constr Material:	Cathodically Protected Steel, Double Walled
Impressed Device:	No

Tank ID:	6
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Aug 1 1992
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass Reinforced Plastic, Double Walled
Piping Type:	Pressure
Constr Material:	Cathodically Protected Steel, Double Walled
Impressed Device:	No

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TECUMSEH	1001232615	CITY OF TECUMSEH	EVANS ST OVER RIVER RAISIN	49286	FINDS, RCRA-NonGen
TECUMSEH	S103595026	TECUMSEH NITRATE CONTAM	KAISER / LOVELESS RDS	49286	SHWS
TECUMSEH	1007563968	POLYMERIC PROCESSES INC	414 MAUMEE ST	49286	FTTS, HIST FTTS
TECUMSEH	1001214515	MI DEPT/TRANSPORTATION	M-50 OVER RAISIN RIVER	49286	FINDS, RCRA-NonGen
TECUMSEH	1008373520	MI DEPT/TRANSPORTATION	M52 OVER EVANS CREEK	49286	RCRA-CESQG
TECUMSEH	S107596867	FOMER BREAD OF LIFE CHRISTIAN CENT	1159 R-HWY M-50	49286	LUST
TECUMSEH	1003871293	TECUMSEH CITY DUMP	SEC 34	49286	CERC-NFRAP
TECUMSEH	1007096774	GREAT LAKES WELDING CO	SUTTON RD & N RAISIN HWY	49286	RCRA-CESQG
TECUMSEH	S103086272	TECUMSEH CITY DUMP	WYANDOTTE / DIVISION STREET	49286	SHWS
TECUMSEH	S100067706	TECUMSEH CITY DUMP	WYANDOTTE / CUMMINS STREETS	49286	HIST LF
TECUMSEH VILLAGE	S107466618	FORMER BREAD OF LIFE CHRISTIAN CEN	1159 E M-50 HWY (MONROE RD)	49286	BEA

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 52

Source: EPA
Telephone: N/A
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 52

Source: EPA
Telephone: N/A
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

US EPA ARCHIVE DOCUMENT

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 07/31/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 52

Source: EPA
Telephone: N/A
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 08/11/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 41

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 05/15/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 62

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/11/2009
Date Data Arrived at EDR: 08/18/2009
Date Made Active in Reports: 08/26/2009
Number of Days to Update: 8

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 08/18/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/21/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 3

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/11/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 09/04/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

US EPA ARCHIVE DOCUMENT

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/09/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Semi-Annually

US EPA ARCHIVE DOCUMENT

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/11/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 09/04/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/21/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/04/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 109

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

US EPA ARCHIVE DOCUMENT

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 06/29/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 11/30/2009
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/23/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities
The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/26/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites
Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 08/26/2009
Number of Days to Update: 5

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 3

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 08/31/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/18/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 07/13/2009
Date Data Arrived at EDR: 08/17/2009
Date Made Active in Reports: 08/26/2009
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 08/11/2009
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/16/2009
Date Data Arrived at EDR: 07/16/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 67

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/11/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Annually

US EPA ARCHIVE DOCUMENT

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/02/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/02/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/24/2009
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

US EPA ARCHIVE DOCUMENT

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/28/2009
Date Data Arrived at EDR: 06/23/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/14/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/10/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/14/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 03/20/2009
Date Data Arrived at EDR: 03/20/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/13/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Quarterly

US EPA ARCHIVE DOCUMENT

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/26/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/05/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 55

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 23

Source: Department of Environmental Quality
Telephone: 517-241-1515
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/18/2009
Date Data Arrived at EDR: 03/17/2009
Date Made Active in Reports: 04/01/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 07/28/2009
Date Made Active in Reports: 08/18/2009
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 05/22/2007
Date Data Arrived at EDR: 10/19/2007
Date Made Active in Reports: 11/05/2007
Number of Days to Update: 17

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 07/17/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 06/11/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 12

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

US EPA ARCHIVE DOCUMENT

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 06/29/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/21/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 07/07/2009
Date Data Arrived at EDR: 08/04/2009
Date Made Active in Reports: 08/18/2009
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 586-753-3754
Last EDR Contact: 06/26/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

US EPA ARCHIVE DOCUMENT

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/09/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 08/04/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/27/2009
Next Scheduled EDR Contact: 11/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2009
Next Scheduled EDR Contact: 12/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/14/2009
Next Scheduled EDR Contact: 12/14/2009
Data Release Frequency: Annually

US EPA ARCHIVE DOCUMENT

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/06/2009
Next Scheduled EDR Contact: 10/05/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

US EPA ARCHIVE DOCUMENT

STREET AND ADDRESS INFORMATION

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US EPA ARCHIVE DOCUMENT

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TECUMSEH PRODUCTS
100 E. PATTERSON STREET
TECUMSEH, MI 49286

TARGET PROPERTY COORDINATES

Latitude (North):	41.99740 - 41° 59' 50.6''
Longitude (West):	83.9427 - 83° 56' 33.7''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	256264.6
UTM Y (Meters):	4653464.0
Elevation:	800 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41083-H8 TECUMSEH SOUTH, MI
Most Recent Revision:	1972
North Map:	42083-A8 TECUMSEH NORTH, MI
Most Recent Revision:	1975

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

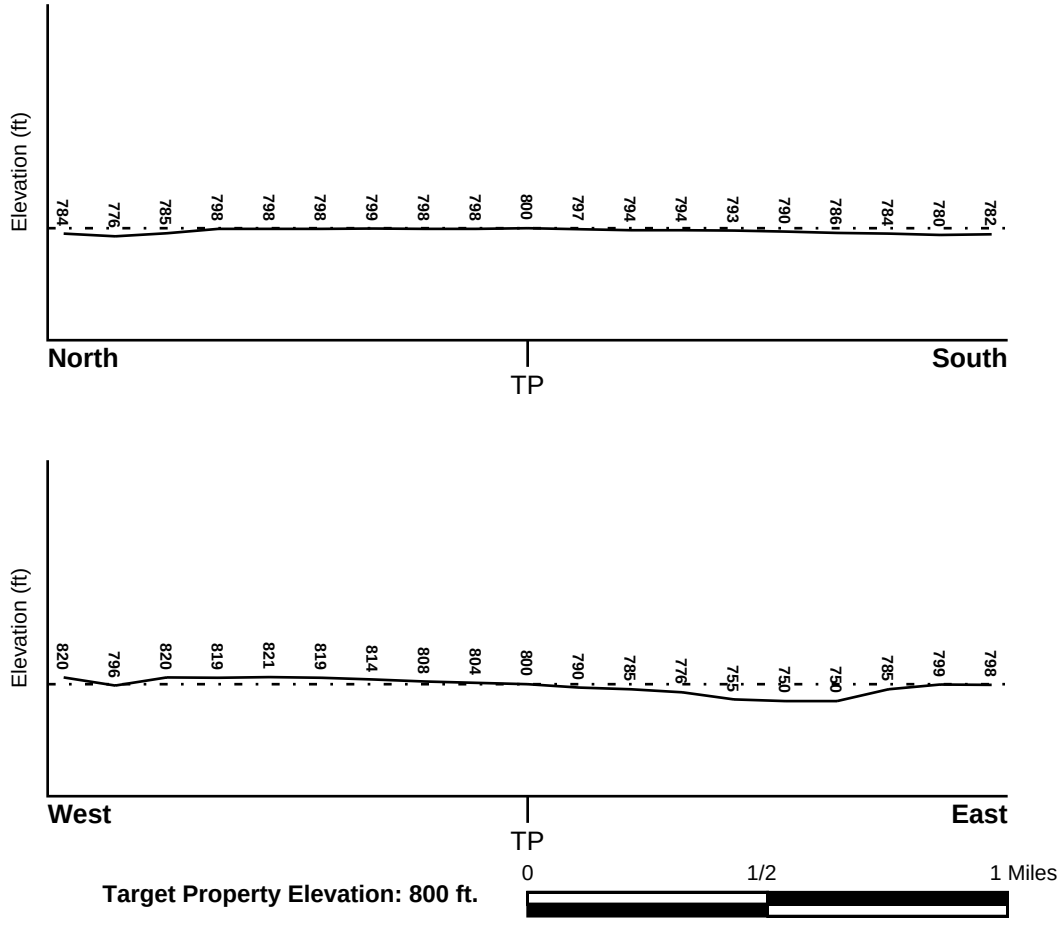
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LENAWEE, MI	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TECUMSEH SOUTH	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B7	1/4 - 1/2 Mile North	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

US EPA ARCHIVE DOCUMENT

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

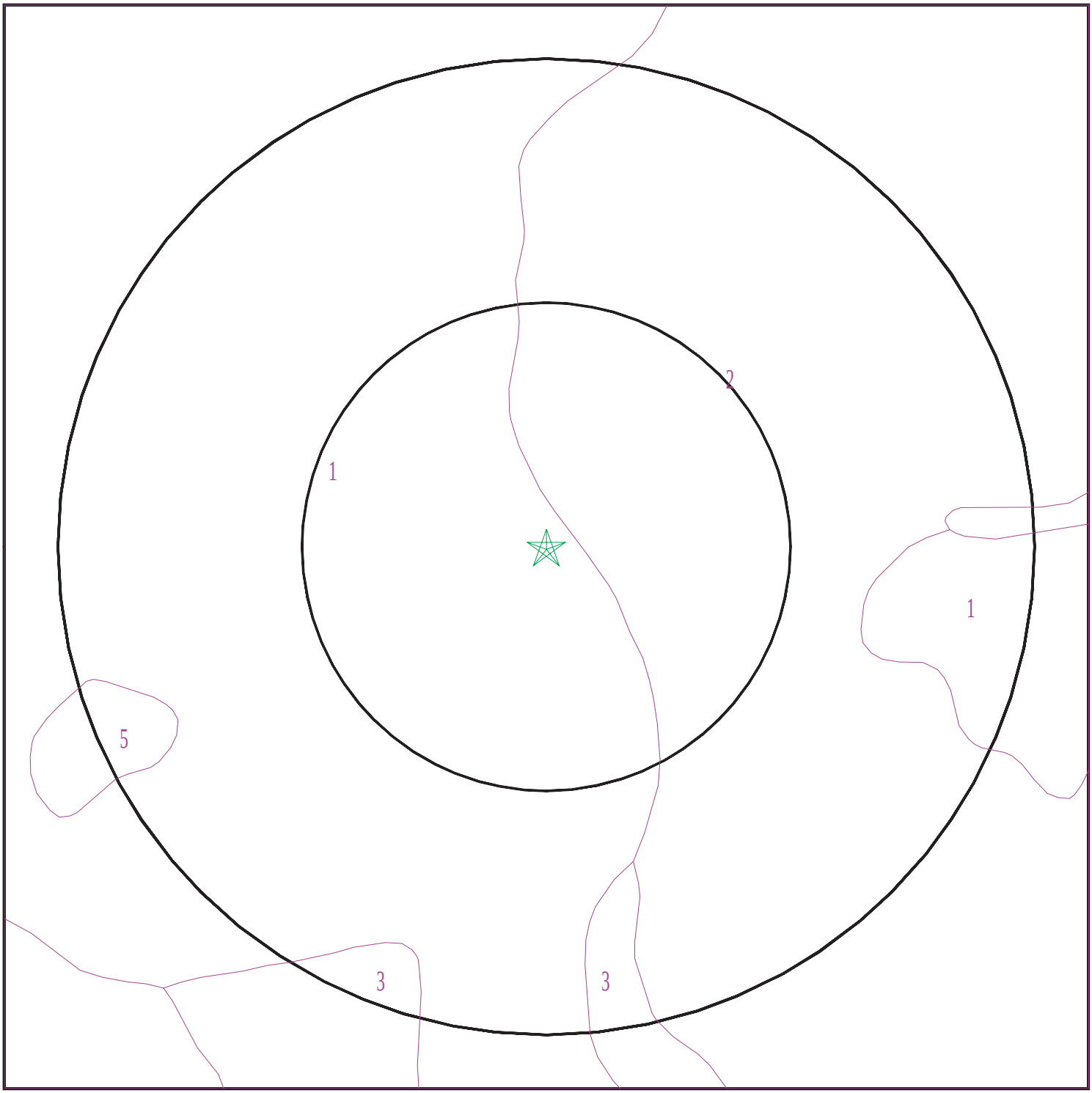
GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

US EPA ARCHIVE DOCUMENT

SSURGO SOIL MAP - 2598998.1s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Tecumseh Products	CLIENT:	ATC Associates Inc. #39
ADDRESS:	100 E. Patterson Street Tecumseh MI 49286	CONTACT:	Michele Taylor
		INQUIRY #:	2598998.1s
LAT/LONG:	41.9974 / 83.9427	DATE:	September 23, 2009 7:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Fox

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	27 inches	very gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	27 inches	31 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

US EPA ARCHIVE DOCUMENT

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	31 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Brady

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	35 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: Fox

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	27 inches	very gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	27 inches	31 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
4	31 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Kerston

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: Min:
2	7 inches	14 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: Min:
3	14 inches	42 inches	stratified fine sand to silty clay loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: Min:
4	42 inches	50 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: Min:
5	50 inches	59 inches	stratified fine sand to silty clay loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: Min:

Soil Map ID: 5

Soil Component Name: Fox

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	14 inches	31 inches	clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	31 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B6	MI0002670	1/4 - 1/2 Mile NNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	MI20159687	1/4 - 1/2 Mile West
A2	MI20159688	1/4 - 1/2 Mile WNW
A3	MI20159689	1/4 - 1/2 Mile West
A4	MI20159686	1/4 - 1/2 Mile West
A5	MI20159685	1/4 - 1/2 Mile WNW
8	MI20161863	1/2 - 1 Mile WNW
9	MI20160456	1/2 - 1 Mile SE
10	MI20161047	1/2 - 1 Mile SW
11	MI20160647	1/2 - 1 Mile SW
12	MI20160033	1/2 - 1 Mile SW
13	MI20161865	1/2 - 1 Mile WNW
14	MI20161864	1/2 - 1 Mile WSW
C15	MI20161081	1/2 - 1 Mile SW
16	MI20161862	1/2 - 1 Mile WNW
C17	MI20159952	1/2 - 1 Mile SW
18	MI20160454	1/2 - 1 Mile WSW
19	MI20161590	1/2 - 1 Mile SW
20	MI20160372	1/2 - 1 Mile SE

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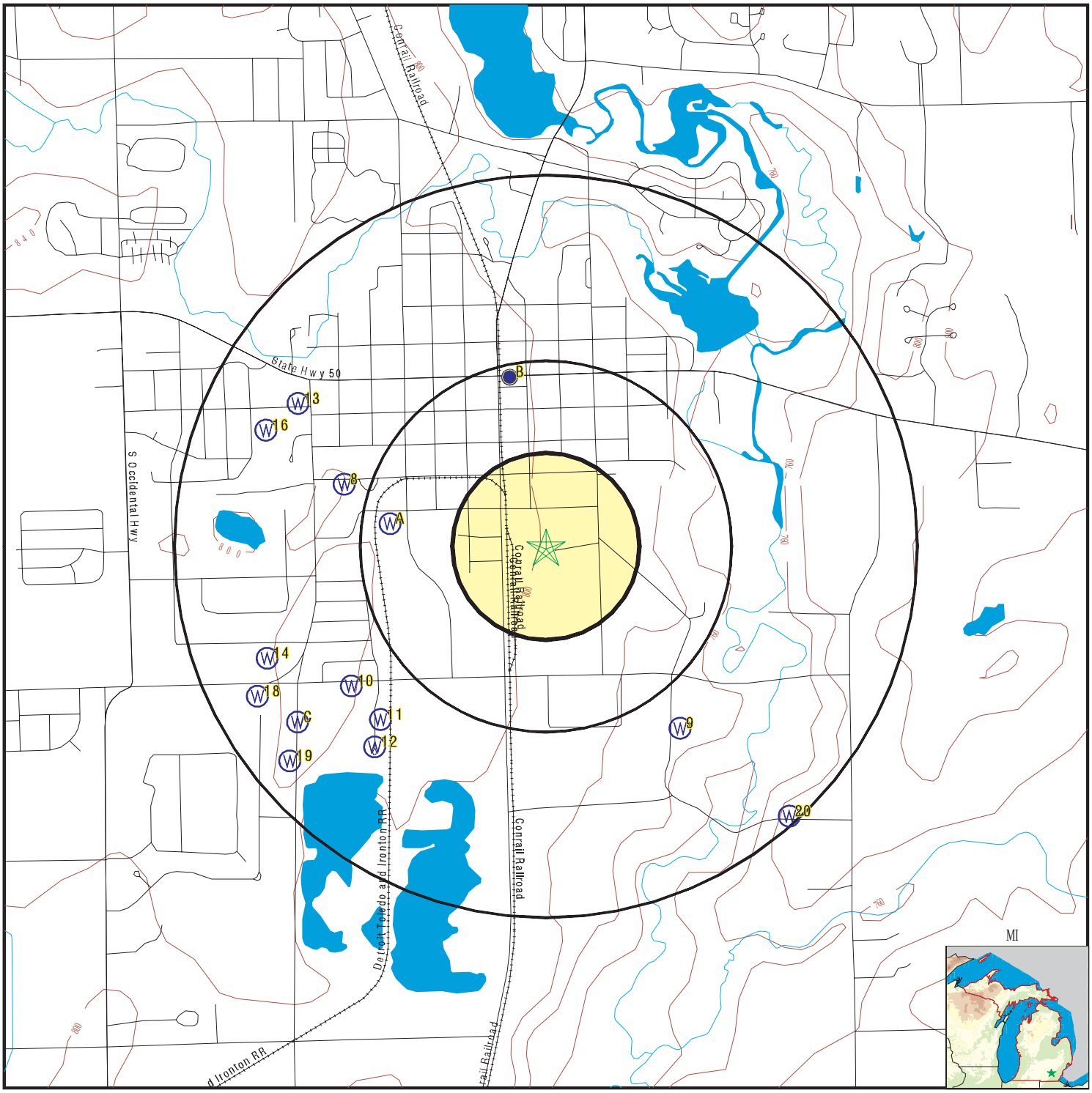
PHYSICAL SETTING SOURCE MAP - 2598998.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Tecumseh Products	CLIENT:	ATC Associates Inc. #39
ADDRESS:	100 E. Patterson Street Tecumseh MI 49286	CONTACT:	Michele Taylor
		INQUIRY #:	2598998.1s
LAT/LONG:	41.9974 / 83.9427	DATE:	September 23, 2009 7:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
West
1/4 - 1/2 Mile
Higher | **MI WELLS** | **MI20159687**

Wellid:	46000000085	Import id:	46757433303
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #10		
Well depth:	77		
Well type:	Type I public		
Wssn:	6560		
Well num:	TECUMSEH WELL #10	Driller id:	0
Const date:	1964-04-13 00:00:00.000	Case type:	Unknown
Case dia:	12		
Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	48.5		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	400
Latitude:	41.998157		
Longitude:	-83.950664		
Methd coll:	GPS Code Meas. Std. Positioning Svc. SA Off		
Elevation:	818		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	1
Elev miv:	818	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	99
Pct aq d:	99	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	1	Pct pcm d:	1
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0

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Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

A2
WNW
1/4 - 1/2 Mile
Higher

MI WELLS **MI20159688**

Wellid:	46000000086	Import id:	46757433304
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #11		
Well depth:	77		
Well type:	Type I public		
Wssn:	6560		
Well num:	TECUMSEH WELL #11	Driller id:	0
Const date:	1964-04-13 00:00:00.000	Case type:	Unknown
Case dia:	12		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	48.5		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	390
Latitude:	41.9986309754		
Longitude:	-83.9507754619		
Methd coll:	Interpolation-Map		
Elevation:	819		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	99
Pct aq d:	99	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	1	Pct pcm d:	1
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

A3
West
1/4 - 1/2 Mile
Higher

MI WELLS **MI20159689**

Wellid:	46000000087	Import id:	46757433305
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #3		
Well depth:	82		
Well type:	Type I public		
Wssn:	6560		
Well num:	TECUMSEH WELL #3	Driller id:	0
Const date:	1941-06-28 00:00:00.000	Case type:	Unknown
Case dia:	14		
Case depth:	63		
Screen frm:	0		
Screen to:	0		
Swl:	40		
Test depth:	58		
Test hours:	1		
Test rate:	1200	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	475
Latitude:	41.99789		
Longitude:	-83.950959		
Methd coll:	GPS Code Meas. Std. Positioning Svc. SA Off		
Elevation:	819		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	96
Pct aq d:	96	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0

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Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	4
Pct na d:	4	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	85
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	15
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

US EPA ARCHIVE DOCUMENT

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A4 West 1/4 - 1/2 Mile Higher	**MI WELLS**	**MI20159686**

Wellid:	46000000084	Import id:	46757433302
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #9		
Well depth:	79.5		
Well type:	Type I public		
Wssn:	6560		
Well num:	TECUMSEH WELL #9	Driller id:	0
Const date:	1962-10-09 00:00:00.000	Case type:	Unknown
Case dia:	18		
Case depth:	70		
Screen frm:	0		
Screen to:	0		
Swl:	50.5		
Test depth:	63		
Test hours:	1		
Test rate:	1750	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	800
Latitude:	41.997895		
Longitude:	-83.95096		
Methd coll:	GPS Code Meas. Std. Positioning Svc. SA Off		
Elevation:	819		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	100
Pct aq d:	100	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

US EPA ARCHIVE DOCUMENT

Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

A5
WNW
1/4 - 1/2 Mile Higher

MI WELLS **MI20159685**

Wellid:	46000000083	Import id:	46757433301
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	CITY OF TECUMSEH		
Well addr:	TECUMSEH WELL #8		
Well depth:	82		
Well type:	Type I public		
Wssn:	6560		
Well num:	TECUMSEH WELL #8	Driller id:	0
Const date:	1962-09-28 00:00:00.000	Case type:	Unknown
Case dia:	16		

US EPA ARCHIVE DOCUMENT

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	72		
Screen frm:	0		
Screen to:	0		
Swl:	49		
Test depth:	59		
Test hours:	1		
Test rate:	1725	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	726
Latitude:	41.998849		
Longitude:	-83.95083		
Methd coll:	GPS Code Meas. Std. Positioning Svc. SA Off		
Elevation:	819		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	96
Pct aq d:	96	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	4	Pct pcm d:	4
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	85
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	15	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

B6
NNW
1/4 - 1/2 Mile
Higher

FRDS PWS **MI0002670**

PWS ID:	MI0002670		
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	GMC INLAND DIVISION-TECUMSEH 1550 OCCIDENTAL HIGHWAY TECUMSEH, MI 49286		
Addressee / Facility:	Not Reported		
Facility Latitude:	42 00 14	Facility Longitude:	083 56 42
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00001000

Violations information not reported.

B7
North
1/4 - 1/2 Mile
Higher

AQUIFLOW **34512**

Site ID:	5-002091
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	9
Date:	01/28/1993

8
WNW
1/2 - 1 Mile
Lower

MI WELLS **MI20161863**

Wellid:	46000003206	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	JEFF HALL		
Well addr:	5300 M-50		
Well depth:	82		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	551
Const date:	1990-05-04 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	74		
Screen frm:	74		
Screen to:	82		
Swl:	28		
Test depth:	40		
Test hours:	2		
Test rate:	9	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	9
Latitude:	41.9998268		
Longitude:	-83.95323314		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	26
Pct aq d:	26	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	74
Pct cm d:	74	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	21	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	54	A pct aq2:	39
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	61	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	95	Pct maq 4:	0
Pct cm 4:	5	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	54		
Horiz Conduct:	58.33339		
Vert Conduct:	.00016		
T2:	3150.0033		
D50plek:	278.897		

9
SE **MI WELLS** **MI20160456**
1/2 - 1 Mile
Lower

Wellid:	46000001232	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	3
Owner name:	RICHARD HYATT		
Well addr:	5711 MILL HWY		
Well depth:	204		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2000-07-10 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	198		
Screen frm:	198		
Screen to:	204		
Swl:	2		
Test depth:	25		
Test hours:	2		
Test rate:	15	Test methd:	Air
Grouted:	1	Pmp cpcity:	10
Latitude:	41.9903067		
Longitude:	-83.93567801		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	771	Elev dif:	771
Elev miv:	771	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	10	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	70

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Pct cm d:	70	Pct cm r:	0
Pct pcm:	20	Pct pcm d:	20
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	202	A pct aq2:	9
A pct maq2:	0	A pct pcm2:	20
A pct cm2:	71	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	65
Pct maq 1:	0	Pct cm 1:	35
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	13	Pct maq 8:	0
Pct cm 8:	11	Pct pcm 8:	76
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	202		
Horiz Conduct:	9.11393		
Vert Conduct:	.00014		
T2:	1841.0143		
D50plek:	626.65085		

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Map ID Direction Distance Elevation		Database	EDR ID Number
10 SW 1/2 - 1 Mile Higher		**MI WELLS**	**MI20161047**

Wellid:	46000002069	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	MIKE FOWLER		
Well addr:	RUSSELL ROAD		
Well depth:	73		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2002-10-30 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	67		
Screen frm:	67		
Screen to:	73		
Swl:	10		
Test depth:	20		
Test hours:	2		
Test rate:	20	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	41.99195608		
Longitude:	-83.95285908		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	81
Pct aq d:	81	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19
Pct cm d:	19	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	63	A pct aq2:	78
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	22	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	55
Pct maq 3:	0	Pct cm 3:	45
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	63		
Horiz Conduct:	77.7778		
Vert Conduct:	.00045		
T2:	4900.0014		
D50plek:	495.15621		

11
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20160647**

Wellid:	46000001485	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	PAUL HUGHES		
Well addr:	6865 CLOSE DR		
Well depth:	71		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2001-09-25 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

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Case depth:	67		
Screen frm:	67		
Screen to:	71		
Swl:	15		
Test depth:	30		
Test hours:	2		
Test rate:	15	Test methd:	Air
Grouted:	1	Pmp cpcity:	10
Latitude:	41.99064776		
Longitude:	-83.9513374		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	72
Pct aq d:	72	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	28
Pct cm d:	28	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	21	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	56	A pct aq2:	64
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	36	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	50
Pct maq 3:	0	Pct cm 3:	50
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	56		
Horiz Conduct:	64.28575		
Vert Conduct:	.00028		
T2:	3600.002		
D50plek:	328.34201		

12
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20160033**

Wellid:	46000000723	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	Scott Luci		
Well addr:	6822 Close Drive		
Well depth:	70		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1607
Const date:	2001-11-15 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	60		
Screen frm:	60		
Screen to:	70		
Swl:	25		
Test depth:	70		
Test hours:	.5		
Test rate:	30	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	41.98957952		
Longitude:	-83.95164187		
Methd coll:	Address Matching-House Number		
Elevation:	807		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	810	Elev dif:	3
Elev miv:	807	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	79
Pct aq d:	79	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21

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Pct cm d:	21	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	45	A pct aq2:	67
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	33	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	75
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	45		
Horiz Conduct:	66.6667		
Vert Conduct:	.0003		
T2:	3000.0015		
D50plek:	221.89053		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
13 WNW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161865**

Wellid:	46000003208	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	SCOTT RILEY		
Well addr:	Not Reported		
Well depth:	81		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	1995-10-04 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	73		
Screen frm:	73		
Screen to:	81		
Swl:	30		
Test depth:	70		
Test hours:	2		
Test rate:	8	Test methd:	Test Pump
Grouted:	1	Pmp cpcity:	8
Latitude:	42.0029765		
Longitude:	-83.95564788		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	47
Pct aq d:	47	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	25
Pct cm d:	25	Pct cm r:	0
Pct pcm:	28	Pct pcm d:	28
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.100000001490116
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	51	A pct aq2:	16
A pct maq2:	0	A pct pcm2:	45
A pct cm2:	39	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	50
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	35	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	65
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	51		
Horiz Conduct:	16.13729		
Vert Conduct:	.00025		
T2:	823.002		
D50plek:	73.79474		

14
WSW **MI WELLS** **MI20161864**
1/2 - 1 Mile Higher

Wellid:	46000003207	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	QUICK CHANGE OF TECUMSEH		
Well addr:	3349 RUSSELL RD		
Well depth:	57		
Well type:	Type II public		
Wssn:	0		
Well num:	Not Reported	Driller id:	1940
Const date:	1991-03-22 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	49		
Screen frm:	49		
Screen to:	57		
Swl:	40		
Test depth:	40		
Test hours:	2		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	15
Latitude:	41.99303805		
Longitude:	-83.95726008		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	817
Elev miv:	817	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	82
Pct aq d:	82	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	18	Pct pcm d:	18
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	17	A pct aq2:	100
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Water Bearing	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	50	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	17		
Horiz Conduct:	100		
Vert Conduct:	100		
T2:	1700		
D50plek:	48.8996		

C15
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20161081**

Wellid:	46000002115	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	ROD MOORE		
Well addr:	GREEN HWY		
Well depth:	56		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1272
Const date:	2002-12-22 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	51		
Screen frm:	51		
Screen to:	56		
Swl:	44		
Test depth:	50		
Test hours:	1		
Test rate:	12	Test methd:	Test Pump
Grouted:	1	Pmp cpcity:	12
Latitude:	41.99041982		
Longitude:	-83.95533272		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	32

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Pct cm d:	32	Pct cm r:	0
Pct pcm:	20	Pct pcm d:	20
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.200000002980232
A thicknes:	12	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	12	A pct aq2:	100
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	15
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	12		
Horiz Conduct:	100		
Vert Conduct:	100		
T2:	1200		
D50plek:	24.81323		

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
16 WNW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161862**

Wellid:	46000003205	Import id:	Not Reported
County:	Lenawee	Township:	Tecumseh
Town range:	05S 04E	Section:	33
Owner name:	STERLING DEVELOPMENT CO		
Well addr:	Not Reported		
Well depth:	161		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	551
Const date:	1990-07-25 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	153		
Screen frm:	153		
Screen to:	161		
Swl:	25		
Test depth:	65		
Test hours:	2		
Test rate:	15	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	10
Latitude:	42.00193379		
Longitude:	-83.95732703		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	807	Elev dif:	807
Elev miv:	807	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	19
Pct aq d:	19	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	50
Pct cm d:	50	Pct cm r:	0
Pct pcm:	32	Pct pcm d:	32
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	136	A pct aq2:	14
A pct maq2:	0	A pct pcm2:	38
A pct cm2:	49	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	70
Pct pcm 1:	0	Pct na 1:	0

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Pct aq 2:	75	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	25
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	100	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	50	Pct pcm 4:	50
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	20
Pct pcm 5:	80	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	136		
Horiz Conduct:	14.34564		
Vert Conduct:	.00021		
T2:	1951.0066		
D50plek:	445.77493		

C17
SW
1/2 - 1 Mile
Higher

MI WELLS **MI20159952**

Wellid:	46000000539	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	Mark Withrow		
Well addr:	6900 Green Hwy.		
Well depth:	138		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1593
Const date:	2000-06-05 13:22:25.000	Case type:	PVC Plastic
Case dia:	5		

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Case depth:	133		
Screen frm:	133		
Screen to:	138		
Swl:	66		
Test depth:	125		
Test hours:	1		
Test rate:	80	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	41.99067514		
Longitude:	-83.95601102		
Methd coll:	Address Matching-House Number		
Elevation:	821		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	820	Elev dif:	1
Elev miv:	821	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19
Pct cm d:	19	Pct cm r:	0
Pct pcm:	33	Pct pcm d:	33
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	72	A pct aq2:	13
A pct maq2:	0	A pct pcm2:	64
A pct cm2:	24	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	85
Pct maq 3:	0	Pct cm 3:	15
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	15
Pct pcm 5:	85	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	100
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

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Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	72		
Horiz Conduct:	37.50066		
Vert Conduct:	.00033		
T2:	2700.0477		
D50plek:	321.2319		

18
WSW **MI WELLS** **MI20160454**
1/2 - 1 Mile
Higher

Wellid:	46000001230	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	DAN PIKE		
Well addr:	3481 RUSSELL ROAD		
Well depth:	64		
Well type:	Type III public		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2000-07-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	58		
Screen frm:	58		
Screen to:	64		
Swl:	30		
Test depth:	40		
Test hours:	2		
Test rate:	15	Test methd:	Air
Grouted:	1	Pmp cpcity:	10
Latitude:	41.99155654		
Longitude:	-83.95776875		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	77
Pct aq d:	77	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	23

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Pct cm d:	23	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	34	A pct aq2:	56
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	44	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	75
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	34		
Horiz Conduct:	55.8824		
Vert Conduct:	.00023		
T2:	1900.0015		
D50plek:	108.67845		

US EPA ARCHIVE DOCUMENT

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
19 SW 1/2 - 1 Mile Higher	**MI WELLS**	**MI20161590**

Wellid:	46000002834	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	4
Owner name:	MIKE OSBURN		
Well addr:	GREEN HWY		
Well depth:	127		
Well type:	Test well		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2003-11-25 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	121		
Screen frm:	121		
Screen to:	127		
Swl:	43		
Test depth:	91		
Test hours:	4		
Test rate:	10	Test methd:	Test Pump
Grouted:	1	Pmp cpcity:	10
Latitude:	41.98903372		
Longitude:	-83.95607732		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	820	Elev dif:	820
Elev miv:	820	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	46
Pct aq d:	46	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	54
Pct cm d:	54	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	.100000001490116
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	84	A pct aq2:	19
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	81	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

US EPA ARCHIVE DOCUMENT

Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	60
Pct maq 3:	0	Pct cm 3:	40
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	20	Pct maq 6:	0
Pct cm 6:	80	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	84		
Horiz Conduct:	19.0477		
Vert Conduct:	.00012		
T2:	1600.0068		
D50plek:	228.12638		

20
SE
1/2 - 1 Mile
Lower

MI WELLS **MI20160372**

Wellid:	46000001128	Import id:	Not Reported
County:	Lenawee	Township:	Raisin
Town range:	06S 04E	Section:	3
Owner name:	CAMPBELL CONST		
Well addr:	COMFORT ROAD		
Well depth:	190		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2039
Const date:	2000-12-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	184		
Screen frm:	184		
Screen to:	190		
Swl:	25		
Test depth:	50		
Test hours:	2		
Test rate:	20	Test methd:	Air
Grouted:	1	Pmp cpcity:	10
Latitude:	41.98687806		
Longitude:	-83.92997159		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	787	Elev dif:	787
Elev miv:	787	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	52
Pct cm d:	52	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	165	A pct aq2:	42
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	58	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	80
Pct maq 1:	0	Pct cm 1:	20
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	35	Pct maq 4:	0
Pct cm 4:	65	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	5
Pct maq 5:	0	Pct cm 5:	95
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	40	Pct maq 6:	0
Pct cm 6:	60	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	165		
Horiz Conduct:	42.4243		
Vert Conduct:	.00017		
T2:	7000.0095		
D50plek:	1820.71392		

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	49286	1	1/6/88	2.9	10.8%		
Random	49286	0	2/18/88	8.1	5.8%		
Random	49286	0	10/30/87	9.8	3.8%		
Random	49286	0	5/1/87	13.2	2.9%		
Random	49286	0	4/19/87	16.6	2.6%		
Random	49286	0	11/25/87	21.4	2.0%		
Random	49286	0	12/2/87	69.7	1.5%		
Geographic	49286	1	3/17/88	1.2	22.5%		
Geographic	49286	0	3/16/88	3.2	10.6%		
Geographic	49286	0	3/16/88	5.3	7.9%		
Geographic	49286	0	3/22/88	12.7	3.0%		
Geographic	49286	0	3/21/88	25.7	2.1%		
Geographic	49286	0	3/16/88	25.9	2.5%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
49286		22.30
49286		22.30
49286		3.10
49286		6.20
49286		4.20
49286		22.70
49286		4.40
49286		7.60
49286		7.40
49286		5.10
49286		12.40
49286		18.50
49286		17.60
49286		16.20
49286		3.00
49286		65.40
49286		35.50
49286		2.20
49286		8.40
49286		8.50
49286		6.90
49286		

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

		2.10
49286		4.80
49286		11.80
49286		7.20
49286		0.80
49286		0.70
49286		7.70
49286		6.20
49286		10.40
49286		0.90
49286		6.00
49286		10.90
49286		3.40
49286		9.90
49286		3.70
49286		4.40
49286		6.20
49286		5.10
49286		15.90
49286		15.60
49286		30.50
49286		27.30
49286		12.50
49286		20.10
49286		4.90
49286		3.30
49286		19.80
49286		3.80
49286		3.50
49286	<	0.30
49286		2.10
49286		11.60
49286		14.00
49286		12.40
49286		13.00
49286		3.00
49286		2.00
49286		18.80
49286		42.30
49286		31.80
49286		4.80
49286		20.10
49286		1.30
49286		5.60
49286		18.80
49286		15.40
49286		6.10
49286	<	0.30
49286		2.70
49286		24.80
49286		5.40
49286		11.90
49286		4.70
49286		6.80
49286		16.50
49286		11.30
49286		

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

		31.10
49286	<	0.30
49286		15.90
49286		2.90
49286		12.30
49286		3.30
49286		17.70
49286		4.80
49286		3.80
49286		3.40
49286		10.30
49286		6.60
49286		25.40
49286		7.10
49286		2.20
49286		19.90
49286		3.90
49286		4.20
49286		30.50
49286		19.10
49286		2.00
49286		8.00
49286		3.70
49286		15.20
49286		12.30
49286		4.20
49286		0.90
49286		2.70
49286		1.90
49286		10.80
49286		6.80
49286		14.00
49286		5.80
49286		13.30
49286		8.20
49286		13.00
49286		8.20
49286		4.70
49286		9.00
49286		14.70
49286		2.80
49286		19.60
49286		0.70
49286		6.90
49286		30.80
49286		18.50
49286		5.50
49286		0.70
49286		3.50
49286		3.70
49286		8.80
49286		10.80
49286		22.10
49286		8.50
49286		9.90
49286		33.50
49286		

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

		2.70
49286		6.90
49286		48.40
49286		13.80
49286		14.70
49286		4.00
49286		27.10
49286		19.90
49286		4.20
49286		4.40
49286		15.10
49286		4.20
49286		9.20
49286		7.40
49286		15.00
49286		4.10
49286		12.40
49286		13.60
49286		7.80
49286		3.20
49286		4.30
49286		0.80
49286		12.10
49286		3.70
49286		11.60
49286		18.80
49286		13.50
49286		2.70
49286		53.80
49286		33.80
49286		101.70
49286		8.00
49286		6.00
49286		12.00
49286		2.50
49286		19.50
49286		19.40
49286		9.10
49286		7.10
49286		9.60
49286		8.70
49286	<	0.30
49286		2.10
49286		15.20
49286		7.70
49286		26.60
49286		1.40
49286		6.60
49286		6.50
49286		6.70
49286		17.30
49286		16.30
49286		9.80
49286		17.60
49286		6.90
49286		8.70
49286		

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

	7.00
49286	5.80
49286	28.20
49286	33.50
49286	8.60
49286	11.20
49286	39.30
49286	4.30
49286	16.90
49286	8.70
49286	2.20
49286	4.80
49286	4.50
49286	4.30
49286	10.40
49286	7.50
49286	1.60
49286	18.30
49286	18.60
49286	17.30
49286	3.70
49286	1.60
49286	15.20
49286	24.70
49286	2.60
49286	8.00
49286	9.60
49286	4.00
49286	1.20
49286	7.90
49286	9.30
49286	6.70
49286	3.10
49286	11.40
49286	11.30
49286	13.80
49286	10.90
49286	9.70
49286	30.00
49286	16.20
49286	18.60
49286	16.00
49286	8.10
49286	2.70
49286	0.70
49286	14.20
49286	2.10
49286	1.70
49286	2.10

US EPA ARCHIVE DOCUMENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LENAWEE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 49286

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	23.133 pCi/L	0%	67%	33%

US EPA ARCHIVE DOCUMENT

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

US EPA ARCHIVE DOCUMENT

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality
Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

US EPA ARCHIVE DOCUMENT

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

100 EAST PATTERSON ST
100 EAST PATTERSON ST
TECUMSEH, MI 49286

Inquiry Number:
October 1, 2009

EDR Site Report™

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary ..... **Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports ..... **Page 4**

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. ..... **Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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US EPA ARCHIVE DOCUMENT

SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **100 EAST PATTERSON ST** 100 EAST PATTERSON ST TECUMSEH, MI 49286 EDR ID #92271904
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	**YES - p4**
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

US EPA ARCHIVE DOCUMENT

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

100 EAST PATTERSON ST
100 EAST PATTERSON ST
TECUMSEH, MI 49286
EDR ID #92271904

ERNS:

Site ID:	92271904
Site location:	100 EAST PATTERSON ST TECUMSEH, MI 49286
County:	LENAWEE
Report number:	124470
EPA region:	05
EPA region:	05
Spill date:	07/01/1992
Spill time:	13:00
Medium affected:	Water
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	OUTFALL 002>RAISIN RIVER>LAKE ERIE
Discharger:	TECUMSEH PRODUCTS
Discharger address:	100 EAST PATTERSON ST TECUMSEH, MI 49286
Discharger county:	Not reported
C.G. Unit:	Not reported
EPA notified:	False
Initial report:	True
Updated report:	True
Spill cause:	Not reported
Spilled material:	OIL: CRUDE
Spill total qty:	200.00 GAL
In water:	200.00 GAL
DOT #:	Not reported
CAS:	Not reported
Quantity (lbs):	1400.00
Description:	STORAGE TANK/OVERFLOWED WHILE FILLING
Action:	STOPPED FLOW/WILL NOTIFY CONTRACTOR
Comments:	Not reported

US EPA ARCHIVE DOCUMENT

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 05/15/2009
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/2009
Date of Next Scheduled Update: 10/19/2009

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

100 EAST PATTERSON ST
100 EAST PATTERSON ST
TECUMSEH, MI 49286

Inquiry Number:
October 1, 2009

EDR Site Report™

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary ..... **Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports ..... **Page 4**

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. ..... **Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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US EPA ARCHIVE DOCUMENT

SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **100 EAST PATTERSON ST** 100 EAST PATTERSON ST TECUMSEH, MI 49286 EDR ID #92271904
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Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

US EPA ARCHIVE DOCUMENT

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

100 EAST PATTERSON ST
100 EAST PATTERSON ST
TECUMSEH, MI 49286
EDR ID #92271904

ERNS:

Site ID:	92271904
Site location:	100 EAST PATTERSON ST TECUMSEH, MI 49286
County:	LENAWEE
Report number:	124470
EPA region:	05
EPA region:	05
Spill date:	07/01/1992
Spill time:	13:00
Medium affected:	Water
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	OUTFALL 002>RAISIN RIVER>LAKE ERIE
Discharger:	TECUMSEH PRODUCTS
Discharger address:	100 EAST PATTERSON ST TECUMSEH, MI 49286
Discharger county:	Not reported
C.G. Unit:	Not reported
EPA notified:	False
Initial report:	True
Updated report:	True
Spill cause:	Not reported
Spilled material:	OIL: CRUDE
Spill total qty:	200.00 GAL
In water:	200.00 GAL
DOT #:	Not reported
CAS:	Not reported
Quantity (lbs):	1400.00
Description:	STORAGE TANK/OVERFLOWED WHILE FILLING
Action:	STOPPED FLOW/WILL NOTIFY CONTRACTOR
Comments:	Not reported

US EPA ARCHIVE DOCUMENT

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

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Date of Next Scheduled Update: 10/19/2009

US EPA ARCHIVE DOCUMENT

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APPENDIX C

ENVIRONMENTAL LIEN SEARCH

AMERISTAR
PUBLIC RECORDS RESEARCH

CURRENT OWNERSHIP REPORT

CLIENT INFORMATION

Client:	ATC Associates Inc (MI- Novi)	**Report Date:**	10/06/2009
Client No.:	12029	**Index Date:**	09/30/2009
Address:	46555 Humboldt Drive Novi, MI 48377	**Order ID:**	99-200-1-16812
		Client Ref.:	TECUMSEH
Contact:	Michele Taylor	**PO Number:**	N/A
Phone:			
Delivery:	michele.taylor@atcassociates.com		

CURRENT OWNER INFORMATION

Current Owner of Record:	City of Tecumseh, a Michigan Municipal Corporation
Current Site Address:	MULTIPLE ADDRESS TECUMSEH, MI 49286
County of Research:	LENAWEE

LEGAL DESCRIPTION

THE FOLLOWING DESCRIBED LAND AND PREMISES SITUATED IN THE CITY OF TECUMSEH, COUNTY OF LEHAWEE AND BEING MORE FULLY DESCRIBED IN VOLUME 1555, PAGE 357 IN DEED RECORDS OF LEHAWEE COUNTY, MICHIGAN.

NOTE: **Ameristar does not represent that the above legal description, acreage, or square footage calculations are correct. We have taken this information directly from a document recorded at the courthouse.**

PARCEL IDENTIFICATION NUMBER: **XT0-325-0241-00; XT0-325-0150-00; XT0-325-0130-00; XT0-325-0140-00; XT0-325-0250-00**

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500 South Nolen Drive, Ste 100 Southlake TX 76092 Phone (800) 920-9270 Fax (800) 920-9271

US EPA ARCHIVE DOCUMENT

DEED / CURRENT OWNERSHIP INFORMATION

QUIT CLAIM DEED:

DATED: 06/10/1998
GRANTOR: Tecumseh Products Company, a Michigan corporation
GRANTEE: United Bank & Trust, a Michigan corporation
VOLUME: 1555 **PAGE:** 357

QUIT CLAIM DEED:

DATED: 12/19/1996
GRANTOR: Tecumseh Products Company, a Michigan corporation
GRANTEE: City of Tecumseh, a Michigan Municipal corporation
VOLUME: 1451 **PAGE:** 276

WARRANTY DEED:

DATED: 09/21/1978
GRANTOR: Tecumseh Products Company, a Michigan corporation
GRANTEE: United Savings Bank of Tecumseh, a Michigan Banking corporation
VOLUME: 862 **PAGE:** 236

WARRANTY DEED:

DATED: 08/01/1978
GRANTOR: Tecumseh Products Company, a Michigan corporation
GRANTEE: Kenneth G. Herrick, a married man
VOLUME: 858 **PAGE:** 131

WARRANTY DEED:

DATED: 12/31/1968
GRANTOR: National Acceptance Company of America, a Delaware corporation
GRANTEE: Tecumseh Products Company, a Michigan corporation
VOLUME: 677 **PAGE:** 449

WARRANTY DEED:

DATED: 09/22/1965
GRANTOR: Universal American Corporation
GRANTEE: Tecumseh Products Company
VOLUME: 640 **PAGE:** 536

ENVIRONMENTAL LIEN INFORMATION

*NONE FOUND OF RECORD.

GENERAL ENCUMBRANCES INFORMATION

*NONE FOUND OF RECORD.

US EPA ARCHIVE DOCUMENT

[redacted]

LIBER 1555 PAGE 357

STATE OF MICHIGAN
LENAWEE COUNTY
RECORDED

17 JUN 90 12:09 P.M.

VICTORIA J. DANIELS
REGISTER OF DEEDS

STATE OF MICHIGAN REAL ESTATE TRANSFER TAX
LENAWEE
17 JUN 90
12

$ 11.00-00
$ 75.00-00
$100032300

(Space above this line for recorder's use)

QUIT CLAIM DEED

FOR AND IN CONSIDERATION OF TEN THOUSAND DOLLARS ($10,000), TECUMSEH PRODUCTS COMPANY, a Michigan corporation, whose address is 100 E. Paterson Street, Tecumseh, Michigan 49286 QUIT CLAIMS to UNITED BANK & TRUST, a Michigan corporation, whose address is 205 E. Chicago Boulevard, Tecumseh, Michigan 49286, the following real property located in the City of Tecumseh, County of Lenawee, Michigan:

> All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Page 15, 16 and 17, Lenawee County Records) describing as beginning 464.03 feet S 89°04'00" E (along the south line of said Section 34) and 283.00 feet N 00°21'00" E from the Southwest corner of Section 34 aforesaid; thence N 00°21'00" E 176.00 feet; thence S 89°04'00" E 250.00 feet; thence S 00°21'00" W 176.00 feet along the east line of said Lot 25; thence N 89°04'00" W 250.00 feet to the place of beginning. Containing 1.01 acres.
>
> Subject to easements and restrictions of record, if any.

Property address: _____

Tax identification: _____

11.00 86.00 - UB&T

[redacted]

US EPA ARCHIVE DOCUMENT

Dated this 10th day of June, 1998.

Witnesses:

Linda K. Reech

Kathleen C. Madzior

Tecumseh Products Company

By: Todd W. Herrick

Its: President and Chief Executive Officer

By: Daryl P. McDonald

Its: Corporate Counsel & Secretary

STATE OF Michigan)
)
COUNTY OF Lenawee)

The foregoing instrument was acknowledged before me this 10th day of June, 1998, by Todd W. Herrick, the President and Chief Executive Officer of Tecumseh Products Company, a Michigan corporation, for and on behalf of said corporation.

Print Name: Linda K. Reech
Notary Public, Lenawee County, Michigan
My Commission Expires: July 9, 2001

STATE OF Michigan)
)
COUNTY OF Lenawee)

The foregoing instrument was acknowledged before me this 10th day of June, 1998, by Daryl P. McDonald, the Corporate Counsel & Secretary of Tecumseh Products Company, a Michigan corporation, for and on behalf of said corporation.

Print Name: Kathleen C. Madzior
Notary Public, Lenawee County, Michigan
My Commission Expires: February 18, 2001

*Recording Requirements: Print or type name below signatures.
Use black ink only. Do not place initials or other marks in margins.

DRAFTED BY:
Daryl P. McDonald
100 E. Patterson Street
Tecumseh, MI 49286

WHEN RECORDED RETURN TO AND SEND SUBSEQUENT TAX BILL TO:
Dale L. Chamberlain
United Bank & Trust
205 E. Chicago Boulevard
Tecumseh, MI 49286

[redacted]

LIBER 1451 PAGE 276

QUIT CLAIM DEED

The Grantor, Tecumseh Products Company, a Michigan corporation, of 100 East Patterson Street, Tecumseh, Michigan 49286, quit-claims to the Grantee, City of Tecumseh, a Michigan Municipal corporation, of 309 East Chicago Boulevard, Tecumseh, Michigan 49286, the following described land and premises (the "Land") situated in the City of Tecumseh, County of Lenawee and State of Michigan:

> All that part of the Southwest 1/4 of Section 34, Town 5 South, Range 4 East (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records), described as beginning at the Southwest corner of Lot 25, aforesaid, 57.36 feet (recorded as 57.3 feet) South 89° 04' 00" East (along the South line of said Section 34) and 33.00 feet North 00° 17' 00" East from the Southwest corner of said Section 34; thence North 00° 17' 00" East 426.00 feet along the West line of said Lot 25; thence South 89° 04' 00" East 326.97 feet; thence South 00° 17' 00" West 176.00 feet; thence North 89° 04' 00" West 120.00 feet; thence South 00° 21' 00" West 250.00 feet to the South line of said Lot 25; thence North 89° 04' 00" West 206.68 feet to the point of beginning.

for the sum of GIFT (Exempt from Transfer Tax under MCL 207.505(a) and MCL 207.526(a)) to have and to hold so long as the Land is used for the public purpose of constructing, operating and maintaining an emergency services building consisting of fire, ambulance and/or rescue services in accordance with the terms and conditions stated in this deed, and if the Land ceases to be so used and/or if Grantee fails to comply with such terms and conditions, the Land shall revert to the Grantor, its successors and assigns. The terms and conditions of this grant are:

1. The Land shall be used only for the construction, operation and maintenance of an emergency services building to include at all times a fire station as part or portion of the emergency services building. "Construction" and "maintenance" include without limitation initial construction, ordinary maintenance, repair, replacement, and reconstruction.

2. The emergency services building on the Land shall be completed and open and operating within two years from the date this deed is delivered by Grantor to Grantee.

- 1 -

15.00 ✓ City of Tecumseh, Attn: Laura Caterina
309 E Chicago Blvd., Tecumseh, MS 49286

[redacted]

US EPA ARCHIVE DOCUMENT

3. After initial construction of the emergency services building, the emergency services building shall be open, staffed, equipped, and operated continuously as an emergency services building. If repair, replacement or reconstruction work necessitates interruption of operations, such interruption shall not continue for more than Two Hundred and Forty (240) days.

4. Grantee shall at its sole cost and expense comply with all environmental and other laws, statutes, ordinances, rules and regulations applicable to the Land.

5. In the event the fee estate in the Land reverts to Grantor under the terms of this deed, Grantor may, in its sole discretion and by written notice given to Grantee before Grantor accepts possession of the Land from Grantee, require Grantee to remove all structures and improvements from the Land. Upon receipt of such notice from Grantor, Grantee shall, at Grantee's sole cost and expense, promptly remove all structures and improvements on the Land, restore the Land to a physical and environmental condition at least as good as existed on the date of this deed, and deliver possession of the Land to Grantor. If Grantee fails to perform its obligations under this paragraph, Grantor may (but shall not be obligated to) (a) seek specific performance of Grantee's obligations, (b) seek to recover damages for Grantee's failure to perform its obligations, and/or (c) perform any or all of Grantee's obligations and recover the costs and expenses incurred by Grantor in doing so.

6. In addition to other remedies, Grantor has or may have hereunder and/or at law or in equity, Grantor shall also have the right to recover all costs and expenses (including, without limitation, reasonable attorney fees) incurred in enforcing its rights and/or Grantee's obligations under this Deed.

7. To preserve the public purpose of this conveyance, Grantee shall not transfer or convey fee title to the Land except to

US EPA ARCHIVE DOCUMENT

a public corporation, public agency or public authority, provided, however, that in the event of any transfer of any interest in the Land, Grantee shall remain liable for all obligations under this deed, notwithstanding any liability which any transferee(s) may have for such obligations.

8. References in this deed to "Grantor" and "Grantee" include their respective successors and assigns.

Dated this 19th of December, 1996.

Signed in the presence of:

Judith A. Craig
Judith A. Craig

Kathleen C. Madziar
Kathleen C. Madziar

Judith A. Craig
Judith A. Craig

Kathleen C. Madziar
Kathleen C. Madziar

Signed:

TECUMSEH PRODUCTS COMPANY
GRANTOR

By: Todd W. Herrick
Todd W. Herrick
Its President and Chief Executive Officer

By: Daryl P. McDonald
Daryl P. McDonald
Its Corporate Counsel and Secretary

Delivery of this Quit Claim Deed is acknowledged, and the terms and conditions contained herein are approved and accepted, this 19th day of December, 1996.

Signed in the presence of:

Norma J. Wonderly
Norma J. Wonderly

Leisa Still
Leisa Still

Timothy J. Eggleston
Timothy J. Eggleston

Dianne M. Sackett
Dianne M. Sackett

Signed:

CITY OF TECUMSEH
GRANTEE

By: Jackson L. Baker
Jackson L. Baker
Its Mayor

By: Laura Caterina
Laura Caterina
Its Clerk

STATE OF MICHIGAN
LENAWEE COUNTY
RECORDED

30 DEC 96 12:10 P.M.

[illegible]
REGISTER OF DEEDS

US EPA ARCHIVE DOCUMENT

STATE OF MICHIGAN)
)
COUNTY OF LENAWEE)

The foregoing instrument was acknowledged before me this 19th day of December, 1996, by Todd W. Herrick and Daryl P. McDonald, the President and Chief Executive Officer and Corporate Counsel and Secretary of Tecumseh Products Company, a Michigan corporation, on behalf of the corporation.

Patricia A. Walsh
Patricia A. Walsh, Notary Public
Lenawee County, Michigan
My Commission Expires: 6/16/99

STATE OF MICHIGAN)
)
COUNTY OF LENAWEE)

The foregoing instrument was acknowledged before me this 19th day of December, 1996, by Jackson L. Baker and Laura Caterina the Mayor and Clark of the City of Tecumseh, a Michigan Municipal corporation, on behalf of the City.

Connie S. Garner
Connie S. Garner, Notary Public
Lenawee County, Michigan
My Commission Expires: 3-1-99

When Recorded Return To:	Send Subsequent Tax Bills To:	Drafted by:
City of Tecumseh 309 E. Chicago Blvd. Tecumseh MI 49286	City of Tecumseh 309 E. Chicago Blvd. Tecumseh MI 49286	Anne Mieszera, Esq. Miller, Canfield, Paddock & Stone 150 W. Jefferson Suite 2500 Detroit MI 48226

HENRY H. NEWLIN
Attorney at Law
304 E. Chicago Blvd, Box 276
Tecumseh, Mi 49286

WARRANTY DEED

LIBER 862 PAGE 236

KNOW ALL MEN BY THESE PRESENTS: That TECUMSEH PRODUCTS COMPANY, a Michigan Corporation, presently of 100 East Patterson, Tecumseh, Michigan,

Convey s and warrants to UNITED SAVINGS BANK OF TECUMSEH, a Michigan Banking Corporation,

whose Post Office address is 101 West Chicago Boulevard, Tecumseh, Michigan, the following described premises situated and being in the City of Tecumseh County of Lenawee and State of Michigan, to-wit:

All that part of the Southwest 1/4 of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Pages 15, 16 and 17, Lenawee County Records) described as beginning on the south line of Lot 25 aforesaid 464.03 feet S 89° 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00° 21' 00" E from the Southwest corner of Section 34 aforesaid; thence N 00° 21' 00" E 250.00 feet; thence S 89° 04' 00" 250.00 feet to the east line of said Lot 25; thence S 00° 21' 00" W 250.00 feet to the southeast corner of said Lot 25; thence N 89° 04' 00" W 250.00 feet to the place of beginning containing 1.433 acres.

Subject to easements and restrictions of record.

The bearings are referenced to the Assessor's Plat No. 6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records.

OCT 2 1978

LENAWEE COUNTY TREASURER
TAX CERTIFICATE NO. [illegible]

RECORDED
[illegible]
REGISTER OF DEEDS
OCT 2 2 29 PM '78
LENAWEE COUNTY
ADRIAN, MICH.

for the sum of Five thousand dollars ($5,000)

Date this 21st day of September A. D. 19 78

Signed, Sealed and Delivered in Presence of: Signed and Sealed:

Witness - Henry H. Newlin — TECUMSEH PRODUCTS COMPANY (L. S.)

Witness - Sharon L. Wimple — BY: Its Vice Pres & Sec. (L. S.)

(L. S.)

(L. S.)

In the STATE OF MICHIGAN, COUNTY OF LENAWEE ss.

On this 21st day of September A. D. 19 78 before me personally appeared FRANKLIN H. ROCK

to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed, and on behalf of said corporation.

Sharon L. Wimple
Notary Public LENAWEE County, Michigan

My commission expires 4-18-79

5.00 - Rev. 5.50 - Henry H. Newlin

HENRY H. NEWLIN
Attorney at Law
304 E. Chicago Blvd. Box 276
Tecumseh, MI 49286

WARRANTY DEED

LIBER 858 PAGE 131

KNOW ALL MEN BY THESE PRESENTS: That TECUMSEH PRODUCTS COMPANY, a Michigan Corporation, presently of 100 East Patterson, Tecumseh, Michigan,

Convey s and warrant to KENNETH G. HENRICK, a married man,

whose Post Office address is 719 Red Mill Drive, Tecumseh, Michigan,
the following described premises situated and being in the City of Tecumseh
County of Lenawee and State of Michigan, to-wit

All that part of the Southwest 1/4 of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh as recorded in Liber 14 of Plats on Pages 15, 16, and 17, Lenawee County Records) described as beginning on the south line of Lot 25 aforesaid 264.03 feet S 89° 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00° E from the Southwest corner of Section 34 aforesaid; thence N 00° 21' 00" E 250.00 feet; thence S 89° 04' 00" E 200.00 feet; thence S 00° 21' 00" W 250.00 feet to the south line of said Lot 25; thence N 89° 04' 00" W 200.00 feet to the place of beginning containing 1.148 acres.

Subject to easements and restrictions of record.

The bearings are referenced to the Assessor's Plat No.6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records.

AUG 2 3 21 PM '78

AUG.2 1978

LENAWEE COUNTY TREASURER
TAX CERTIFICATE NO. 1177

for the sum of Two thousand dollars ($2,000).

Date this 1st day of August A. D. 1978

Signed, Sealed and Delivered in Presence of:

Witness - Henry H. Newlin

Witness - Sharon L. Wimple

Signed and Sealed:

TECUMSEH PRODUCTS COMPANY (L. S.)

BY: (L. S.)
Its Vice-President and Secretary

(L. S.)

(L. S.)

In the STATE OF MICHIGAN, COUNTY OF LENAWEE ss.

On this 1st day of August A. D. 1978 before me personally appeared FRANKLIN B. BOCK, its Vice-President and Secretary

to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed and on behalf of said corporation.

Sharon L. Wimple
Notary Public LENAWEE County, Michigan

My commission expires 4-18-79

30.00 - Rec. 4.20 - Henry H. Newlin

[redacted]

US EPA ARCHIVE DOCUMENT

LIBER 640 PAGE 538

WARRANTY DEED - CORPORATION

KNOW ALL MEN BY THESE PRESENTS: That UNIVERSAL AMERICAN CORPORATION, a corporation duly organized and existing under the laws of the State of Delaware and authorized to do business in the State of Michigan, whose address is 200 Park Avenue, New York, New York, does hereby Convey and Warrant to TECUMSEH PRODUCTS COMPANY, a corporation duly organized and existing under the laws of the State of Michigan, whose address is Ottawa and Patterson Streets, Tecumseh, Michigan, the following described premises situated in the City (formerly Township) of Tecumseh, County of Lenawee and State of Michigan, to wit:

> All that part of the Southwest Quarter (1/4) of Section Thirty-four (34) in Town Five (5) South, Range Four (4) East, described as commencing in the center of highway at a point located Fifty-seven and five tenths (57.5) feet South Eighty-eight (88) degrees Forty-five (45) minutes East from the Southwest corner of said Section Thirty-four (34) and running thence North No (0) degrees Forty-one (41) minutes East and along the East line of land now, or formerly, owned by the New York Central Railroad Company Eight hundred forty and six tenths (840.6) feet, thence South Eighty-eight (88) degrees Forty-five (45) minutes East Six hundred fifty-seven and four tenths (657.4) feet, thence South No (0) degrees Forty-five (45) minutes West Eight hundred forty and six tenths (840.6) feet to the center of highway, thence North Eighty-eight (88) degrees Forty-five (45) minutes West Six hundred fifty-six and eight tenths (656.8) feet to the place of beginning, except the northerly One hundred seventy-seven and seven tenths (177.7) feet thereof as described in Liber 398 at Folio 146, containing Ten (10) acres of land more or less.

for the sum of One Dollar ($1.00) and other good and valuable considerations,

RECORDED 9-22-65 AT 10:25 AM
MERRICK E. DIBBLE, REGISTER OF DEEDS
LENAWEE COUNTY, MICHIGAN

M. E. Dibble

LIBER 677 PAGE 449

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS: That NATIONAL ACCEPTANCE COMPANY OF AMERICA, a Delaware corporation, of 105 West Adams Street, Chicago, Illinois, Conveys and Warrants to TECUMSEH PRODUCTS COMPANY, a Michigan corporation, whose Street Number and Post Office

... the following

LIBER 877 PAGE 450

In the STATE OF ILLINOIS, COUNTY OF COOK ss.

On this 30th day of December, A.D.1968, before me personally appeared H. G. Eaves and B. Colony, to me personally known, who being by me sworn, did each for himself say that they are respectively the President and Assistant Secretary of NATIONAL ACCEPTANCE COMPANY OF AMERICA, the corporation named in and which executed the within instrument, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors: and said H. G. Eaves and B. Colony acknowledged said instrument to be the free act and deed of said corporation.

Jean M. Fox
Notary Public, Cook County, Illinois
My commission expires 8-31-72

Instrument drafted by:

Bruce D. Birgbauer, Esq.
2500 Detroit Bank & Trust Bldg.
Detroit, Michigan 48226

When recorded return to:

Bruce D. Birgbauer, Esq.
2500 Detroit Bank & Trust Bldg.
Detroit, Michigan 48226

RECORDED

'69 JAN 20 AM 11 16

COUNTY, MICH.

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

APPENDIX D

MATERIAL INVENTORY LIST

US EPA ARCHIVE DOCUMENT

number	Chemical or Material Identification	Supplier	vendor number	Maximum Amount in Stock	Storage Container Information
111	Xylenes	Fisher	X5-20	20 liters	metal can
122	Arsenic, 100 ppm	Conostan		100 ml	glass bottle
131	Lead, Concentrate, 10.47% Pb	Conostan		50 ml	plastic bottle
174	Industrial Enamel	Sherwin Williams	B54 T 104	1 gallon	metal can
175	Impervo Enamel #1 Base	Benjamin Moore & Co.	23591	1 gallon	metal can
176	Flash Bond 400 White Primer	X-I-M Products, Inc.		1 gallon	metal can
177	Fabulon Crystal Gloss Wood Finish	Pierce & Stevens Co.	P83-1274-1	8 X 1 gallon	metal can
182	Almond	Rust-Oleum	V2170	4 X 15 ounces	metal spray can
183	Semi-gloss Black	Rust-Oleum	V2177	3 X 15 ounces	metal spray can
184	Safety Blue	Rust-Oleum	7524	1 X 15 ounces	metal spray can
186	Gloss Black	Rust-Oleum	7579	1 X 1 quart	metal can
188	Smoke Gray, oil based enamel	Rust-Oleum	7786	1 gallon	metal can
189	Heavy Duty Epoxy, HS 9381 Gray Primer	Rust-Oleum	HS 9381	1 gallon	metal can
190	Rust-O-Thane Aliphatic Polyurethane Coating, Gray Base Component	Rust-Oleum	9483	1 gallon	metal can
195	Opti Bond	Sherwin Williams	B50 W 100	1300 ounces	metal can
196	Industrial Enamel	Sherwin Williams	B54 W 101	5 gallons	metal can

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197	Tile-Clad HS Epoxy	Sherwin Williams	B62 WZ 113	2 gallons	metal can
198	Tile-Clad HS Hardener	Sherwin Williams	B60 VZ 70	1 gallon	metal can
301	Quik Spray Gloss Black Enamel	Sheffield Bronze Paint Corp., Cleveland, OH 44119	UPC: 0 88289 14233	1 X 12 ounce	metal spray can
302	Quik Spray Gloss White Enamel	Sheffield Bronze Paint Corp., Cleveland, OH 44119	UPC: 0 88289 14231	1 X 12 ounce	metal spray can
303	Spravar Spray Paint, Black - Flat	Spravar (Sherwin Williams)	No P/N or UPC	1 X 11 ounce	metal spray can
304	Blitz Black Paint	John Deere, 1-800-822-8262	MSDS Sheet No. 8503-60,105	1 X 12 ounce	metal spray can
336	Glyptal 1201 Red Enamel (Insulating Paint)	Glyptal, Inc., Chelsea, MA 02150		1 X 1 gallon	metal can
354	Sprayon S00603 Blue Layout Fluid	Sherwin Williams (Diversified Brands)	MSDS: 1-800-955-MSDS (6737)	1 X 12 ounce	metal spray can
419	Corrosion Shield, Chassis Black	Sherwin Williams	F7B155	3 X 1 gallon	metal can
421	Hi-Glo Interlock Hardener	Western Automotive Finishes, Cleveland, OH 44115	W1020, UPC is partially missing	1 X 16 ounce	metal spray can

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422	Super-Flo Enamel Reducer	Sherwin Williams	R4K179	2 X 1 gallon	metal can
423	Amendment 1 Thinner, Aircraft Coating	Sherwin Williams	R91 K 20	1 X 1 gallon	metal can
424	481LT-R Thinner	Brenntag Great Lakes, Butler, WI 53007	Prod. Code 672560 No UPC ph 262-252-6444	1 X 5 gallon	metal can
426	Auto Body Master Engine Enamel, AB606 Ford Dk Blu	Aftermarket Auto Parts Alliance, San Antonio, TX 78258	UPC: 0 71915 21554 4	1 X 11 ounce	metal spray can
427	Precision Color, Masterflux Purple (Packaged for Tecumseh Products Co.)	Raabe Company, 800-966-7580	04205 66163	3 X 12 ounce	metal spray can
438	Recoatable Epoxy Primer	Sherwin Williams	B67 V 5	2 X 1 gallon	metal can
451	Rust Oleum Enamel, Gloss Black	Rust Oleum Corp.	V2179, UPC: 0 20066 00128 5	1 X 15 ounce	metal spray can
452	Ace Premium Enamel, Chrome Aluminum	Ace Hardware Corp., Oak Brook, IL 60521	17006, UPC: 0 82901 17006 8	8 X 12 ounce	metal spray can
456	Kyrlon Paint, Plum Safety Purple	Kyrlon Division, Sherwin Williams	1929, UPC: 7 24504 01929 9	5 X 12 ounce	metal spray can

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457	Rust Oleum Metallic Finish, Copper	Rust Oleum Corp.	7714, UPC: 0 20066 77148 5	2 X 11 ounce	metal spray can
459	Rust Oleum Safety Orange	Rust Oleum Corp.	2155, UPC: 0 20066 21559 0	1 X 15 ounce	metal spray can
460	Valspar Gloss Enamel, Gloss Gray	Valspar, Wheeling	64010, UPC: 0 71915 23239 8	1 X 12 ounce	metal spray can
461	Ace Rust Stopper Enamel, International Blue	Ace Hardware	17140, UPC: 0 82901 17140 9	1 X 15 ounce	metal spray can
463	Kyrlon Metallic Enamel, Bright Silver	Kyrlon Division, Sherwin Williams	1401, UPC: 7 24504 01401 0	1 x 11 ounce	metal spray can
467	Startex Liquid Sander Deglosser	Startex Chemical, Inc., Cut and Shoot, TX 77303	UPC: 0 86236 70029 7	1 X 1 gallon	metal can
475	Primer/Splice Wash 9705	Triumph Roofing Products, Carmel, IN 46032 5607	W56-GAC-4955, No UPC Now Firestone 317-575-7000	2 X 1 gallon	metal can

US EPA ARCHIVE DOCUMENT

476	Splice Adhesive 9053	Triumph Roofing Products, Carmel, IN 46032 5607	W56-GAC-4043, No UPC now Firestone 317-575-7000	2 X 1 gallon	metal can
477	Tile-Clad HS	Sherwin Williams	B60 VZ 70	1 X 1 gallon	metal can
478	Xylene	Sherwin Williams	154-8684	1 X 1 gallon	metal can
484	Opti-Bond Multi-Surface Alkyd Coating, White	Sherwin Williams	B50 W 100	6 X 5 gallon	metal can
489	Sherwin Williams Industrial Enamel, Safety Orange	Sherwin Williams	B54 E 39	1 X 1 gallon	metal can
490	Kem Kromik Universal Alkyd Metal Primer, Brown	Sherwin Williams	B50 NZ 6	1 X 1 gallon	metal can
491	AS-150 Non-Slip Safety Coating Safety Yellow	American Safety Technologies, www.astantislip.com, 800-631-7841	51113117	1 X 1 gallon	metal can
498					
526					
527					

US EPA ARCHIVE DOCUMENT

APPENDIX E

PLEASE REFER TO APPENDIX D, F, AND G OF THIS BEA FOR PRIOR REPORTS

US EPA ARCHIVE DOCUMENT

APPENDIX F

RESUMES

Susan A. Cook

Phase I ESA Due Diligence Manager
Senior Project Manager

EDUCATION

- B.S., Biological Sciences, Wayne State University

PROFESSIONAL SUMMARY

Ms. Cook is the Phase I ESA Due Diligence Manager and a Senior Project Manager for ATC Associates Inc., as well as an Environmental Professional (EP) with over 12 years experience. She has managed and conducted hundreds of Phase I ESA investigations and ASTM Transaction Screens including site reconnaissance, asbestos identification, radon, mold, and lead surveys, investigation of surrounding properties, regulatory agency record examination and analysis, property risk evaluation, and report development. Ms. Cook has conducted and managed projects for the Federal Emergency Management Agency (FEMA / Department of Homeland Security (DHS), the U.S. Dept. of Housing and Urban Development (HUD), and Michigan State Housing Development Authority (MSHDA), including Environmental Assessments (EAs). In addition, she has conducted and/or managed over 1,000 Section 106/NEPA-related projects.

Ms. Cook has also completed environmental sampling and monitoring activities for projects associated with the ATC's UST Subsurface Investigation Division. These sampling and monitoring activities are designed to assess environmental impairment liability with respect to releases of hazardous substances.

PROFESSIONAL EXPERIENCE

- Homeland security towers sites in Monroe, Washtenaw, Wayne, Calhoun and St. Claire Counties, Michigan and Holland, Ohio pursuant to FEMA and COPS federal programs.
- Numerous medical/dental facilities, retail businesses and retail/commercial strip malls in the Southeast Michigan Area, Flint, Saginaw, Midland & Kalamazoo.
- Agricultural properties and farmsteads in rural areas of Michigan.
- Apartment complexes and various apartment buildings in the Southeast Michigan area.
- Numerous parcels of undeveloped property of various sizes in the Southeast Michigan area.
- Industrial/manufacturing facilities throughout the Southeast Michigan Area, Flint, Saginaw, Midland & Kalamazoo
- Commercial and industrial properties in the states of Indiana, Wisconsin, Ohio, Virginia, Maryland, Illinois, Kentucky, Tennessee, Texas, New York, Pennsylvania and South Carolina.
- Commercial and industrial properties in Quebec and Ontario, Canada.
- Management of over 1,000 NEPA/Section 106 related projects for the telecommunications/wireless industry.
- Negotiations between wireless carriers and the State Historic Preservation Office for historic properties pursuant to "No adverse effect" determinations, completion of Environmental Assessments (EAs) relating to NEPA issues, conducted Memorandum of Agreements (MOAs) to resolve the adverse effects of an undertaking upon historic properties, and reporting to the FCC Wireless Telecomm Bureau.
- Monitored numerous retail petroleum facilities in Southeast Michigan and Lansing for remediation and containment. Remediation and containment activities include waste monitoring and abatement of free product.
- On-site subsurface investigation experience includes groundwater observations, well gauging, groundwater sampling, free product removal, cartography and land surveying. Completed reports for submittal to MDEQ management.

TRAINING AND CERTIFICATION

- State of Michigan EPA Accredited Asbestos 40-Hour Hazardous Waste Training Certification (OSHA)

US EPA ARCHIVE DOCUMENT

- AHERA Asbestos Building Inspector; State of Michigan EPA Accredited Asbestos Inspector, MI#A22210
- Advisory Council on Historic Preservation and the University of Nevada's Heritage Resources Management Program, Introduction to Section 106 Review.

MEMBERSHIPS

- Michigan Association of Environmental Professionals (MAEP)
- Commercial Real Estate Women (CREW) - Detroit

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

DAVID M. PAHOLAK, CUSTP
Branch Manager

EDUCATION

B.S., Geophysics with emphasis on Geology, Michigan State University, 1982

PROFESSIONAL SUMMARY

Mr. Paholak is responsible for the management of the technical, financial and project activities for nine ATC offices, including the four Michigan branch offices.

Mr. Paholak has over twenty-three years of diversified experience including project management of hydrogeologic investigations; RBCA evaluations/closures; corrective action plans; remediation system design, installation, monitoring and maintenance; geophysical investigations; environmental compliance audits, ambient air monitoring and environmental site assessments.

PROFESSIONAL EXPERIENCE

Environmental

- Secured contract for, and managed, the site assessment of a large, closed automotive facility with over 1.7 million square feet of space. The site assessment involved inspection of the facility for environmental concerns including, but not limited to, PCBs, asbestos, hazardous materials, surface and subsurface contamination. Upon completion of the site assessment, recommendations were made to remediate the facility to prepare it for divestment.

- Conducted compliance audits at three facilities in Northern Michigan which included a gypsum quarry, a port facility, and a wall board manufacturing facility. The project involved visual inspection of over 5,000 acres of former, existing and future gypsum mining sites and an inspection of the wall board manufacturing facility.

- Involvement in, and review of, over 500 Phase I and Phase II site assessments, a portion of which Baseline Environmental Site Assessments were completed.. Types of site assessments include large, vacant parcels, commercial, industrial and residential locations.

- Project manager for design and installation of a groundwater remediation system and soil remediation system at a site contaminated with chlorinated solvents. The groundwater remediation system design included performing an aquifer test and computer modeling to determine the aquifer characteristics and the necessary pumping rates of the groundwater remediation system. Final design included operation of three pumping stations at a rate of 1,000 GPM. The groundwater treatment system included two-five foot diameter by thirty five foot tall air strippers operating in parallel. The treated groundwater was discharged into an infiltration gallery which was designed as part of the project. The soil remediation system consisted of a soil extraction blower attached to a network of extraction points which were designed to remove adsorbed chlorinated contaminants from soils in the vadose zone.

- Provided management or technical expertise during the investigation, feasibility study, corrective action plan, and/or remediation system design, installation and monitoring at over 500 UST sites, including leaking UST sites.

- Project Manager for the remediation system design at a petroleum pipeline leak site in southwestern Michigan. The project included delineating the extent of adsorbed, dissolved, and phase separated hydrocarbon contamination, defining aquifer characteristics and developing a multiple pumping station remediation system through acquired data and computer modeling. Approximately one and one-half million gallons of gasoline was lost at the site.

- Performed bioremediation feasibility study and remediation work at several sludge lagoon projects at a paper manufacturing facility in southwestern Michigan. Project work included management of remediation activities on-site, which included the removal of over 2,000 cubic yards of sludge material, and the design and performance of the feasibility study for implementing bioremediation at the site.

- Performed remedial investigation/ feasibility studies at several U.S. EPA Superfund sites in three different regions. Site work design and installation included monitor well networks and soil, water, sediment, and sludge sampling in Level A through D protective equipment. Performed geophysical surveys at two of the sites to define contaminate plumes and investigate for buried metallic objects.

- Designed and implemented a vapor extraction system to remove hydrocarbon vapors in a residential facility impacted by petroleum hydrocarbons. The vapor extraction system enabled residents to live in their homes while subsurface remediation system was designed and implemented outside the home.

- Managed geophysical investigations and interpretations. Technologies used included electromagnetic, resistively and gravitometer surveys.

- Performed and/or reviewed Risk Based Corrective Action evaluation at over fifty sites. Over 20 sites have been closed using the RBCA process, including the development of site specific target level criteria to achieve closure.

TRAINING AND CERTFICATIONS

- Hazardous Waste Site Activities Health and Safety Training Program, North Ridgeville, Ohio
- Training course in Health and Safety for Hazardous Waste Handling, Corpus Cristi, Texas
- ASTM Risk Based Corrective Action Training (RBCA) at petroleum sites, Lansing, Michigan
- Michigan Certified Underground Storage Tank Professional (CUSTP)

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APPENDIX G

TERMINOLOGY

US EPA ARCHIVE DOCUMENT

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E 1527-05. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions or additional explanation regarding the meaning of terms.

recognized environmental condition(s) (REC) - the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a *material threat* of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions.

.

de minimis conditions – are conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

historical recognized environmental condition(s) (HREC) - environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the *property*. If a past release of any *hazardous substances* or *petroleum products* has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a *historical recognized environmental condition.*

material threat – a physically observable or *obvious* threat which is reasonably likely to lead to a release that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

threat to human health or the environment – a substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a *material threat* of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. An example might include a release of a *hazardous substance* in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or substantial damage to natural resources. The risk of that exposure or damage would represent a threat to human health or the environment.

generally would not be the subject of an enforcement action – the likelihood that an environmental condition would not be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be less likely than not, then the condition is considered to be generally not the likely the subject of an enforcement action.

US EPA ARCHIVE DOCUMENT

APPENDIX F

ATC's
PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

US EPA ARCHIVE DOCUMENT

Phase II Environmental Site Assessment
Tecumseh Products Company
100 East Patterson Street
Tecumseh, Michigan
ATC Project No. 39.02922.8N01

Prepared For:
Consolidated Biscuit Company
c/o Eastman and Smith, Ltd.
One Seagate 24th Floor
P.O. Box 10032
Toledo, Ohio 43699-0032

Attention: Mr. David W. Nunn

September 4, 2009

US EPA ARCHIVE DOCUMENT

September 4, 2009

Consolidated Biscuit Company
c/o Eastman and Smith, Ltd.
Attn.: David W. Nunn
One Seagate 24th Floor
P.O. Box 10032
Toledo, Ohio 43699-0032

RE: Phase II Environmental Site Assessment
Tecumseh Products Company
100 East Patterson Street
Tecumseh, Michigan
ATC Project No. 39.02922.8N01

Dear Mr. Nunn:

ATC Associates Inc. (ATC) has completed a Phase II Environmental Site Assessment (Phase II ESA) at the above referenced site to address potential environmental concerns identified by Atwell-Hicks Development Consultants (Atwell Hicks) during a Phase I Environmental Site Assessment (Phase I ESA) with a report dated October 9, 2008. This assessment has been prepared to evaluate historical releases of hazardous substances and petroleum at the Tecumseh Products site and to support completion of due diligence requirements, including the completion of a Baseline Environmental Assessment, consistent with applicable federal and state standards and rules.

ATC realizes that this report has been prepared for the exclusive use of Consolidated Biscuit Company, Eastman and Smith Ltd, and Fifth Third Bank or other lenders of Consolidated Biscuit Company, and the report may be relied upon by the above parties.

We appreciate the opportunity to be of service on this project and look forward to working with you on future projects. If you have any questions regarding this report, please contact our office at (248) 669-5140.

Sincerely,

ATC ASSOCIATES INC.

Kevin D. LaForge
Senior Project Manager

David M. Paholak
Branch Manager

Enclosure

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US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Phase II Environmental Site Assessment
Tecumseh Products
100 East Patterson Street
Tecumseh, Michigan
ATC Project No. 39.02922.8N01

1.0 INTRODUCTION

1.1 Purpose

In October 2008, Atwell-Hicks Development Consultants (Atwell) completed a Phase I Environmental Site Assessment (Phase I ESA) which included the following addresses: 100 East Patterson Street; 402, 404 and 805 S. Evens Street; and 600 S. Ottawa Street, Tecumseh, Michigan (the "site"). Based on Atwell's Phase I ESA Report (dated October 9, 2008), the following potential environmental concerns were noted:

A. Environmental Data Resources (EDR) identified the site as a Comprehensive Environmental Response, Compensation, and Liability Information System-No Further Remedial Action Planned (CERCLIS NFRAP), a Corrective Action Report (CORRACTS), a Resource Conservation Recover Act-Treatment, Storage, and Disposal (RCRA-TSDF), a National Pollutant Discharge Elimination System (NPDES), Pollution Emergency Alert System, Spills (PEAS, SPILLS), and an underground storage tank (UST) site. Little information is listed in the EDR report regarding the environmental status of the site, and only limited information was provided to Atwell regarding USTs at the site. Lacking any information on site assessment activities related to the RCRA, CERCLIS, UST, CORRACTS, or the PEAS incidents, a release(s) associated with the site activities was considered to represent a potential environmental concern.

B. Based on information gathered during Atwell's Phase I ESA, review of aerial photographs, review of historical address indexes, and review of municipal records, Atwell concluded that the site was originally developed for industrial purposes in the early 1900s. Since the early 1930s, the site has been occupied by Tecumseh Products Company (the "operator"), which manufactured various automotive parts, small engines, refrigerator parts and air conditioning compressors. Other occupants of the site have included various metal manufacturers, which included foundry and machining operations. Historical Sanborn Fire Insurance Maps depict railroad sidings crossing the northern and southern portions of the site. Therefore, it was considered that the potential for subsurface impact by releases of petroleum products and/or other hazardous substances, and related to the long-term industrial operations or the railroad siding represents a potential environmental concern to the site.

C. Stressed or missing grass cover near the southern boundary of the site and stained ground surface near a bank of three (3) electrical transformers located to the west of the main site building. Near surface soil samples were collected (via hand borings) in these areas in an attempt to determine if indicator parameters were present above the cleanup criteria.

Based on the aforementioned potential environmental concerns, ATC Associates Inc. (ATC) was retained by Consolidated Biscuit Company (the "client") c/o Eastman and Smith, LTD to conduct a historical and regulatory records review in an attempt to determine approximate locations of on-site historical activities which may represent potential environmental concerns. ATC was also retained to perform a Phase II Environmental Site Assessment (Phase II ESA) to: identify USTs, if present, in the former UST area (as identified by site personal on November 5, 2008) by performing a Ground Penetrating Radar (GPR) Survey; determine if the site meets the definition of a facility under Michigan law by advancing thirty (30) Geoprobe borings with soil/groundwater sampling and laboratory analysis; and support the completion of due diligence requirements, including the completion of a BEA, consistent with applicable federal and state standards and rules. The results of ATC's Phase II ESA are documented in this report of findings. Additionally, during a site walk conducted by ATC on March 11, 2009, a suspected UST fill port was visually identified to the south of the old waste water treatment plant (in Building K-1 which is in the west-central portion of the site). This UST was reportedly filled in-place.

1.2 Site Location and Environmental Setting

The site consists of 53.72-acres of developed land located at 100 East Patterson; 402, 404 and 805 S. Evens Street; and 600 S. Ottawa Street, Tecumseh, Michigan. The above addresses are associated with the following Parcel Numbers: 325-0241-00, 325-0150-00, 325-0130-00, 325-0140-00, and 325-0250-00. The site is irregularly-shaped and occupied by a large industrial building and several smaller industrial buildings on the south side of East Patterson Street (Lot 24) and two (2) office buildings on the north side of East Patterson Street (Lots 13 and 15). The

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site is operated by Tecumseh Products Company (the "operator"). The area surrounding the site is currently a mix of commercial/industrial and residential properties to the north, commercial/industrial properties to the south and east, and residential properties to the west.

The site was originally developed for industrial use since at least the early 1900s. Since the early 1930s, the site has been occupied by the operator which manufactured various automotive parts, small engines, refrigerator parts, and air conditioning compressors with associated machinery operations. The site was also utilized for design, testing and office space. The site appears to have approximately ten (10) aboveground storage tanks (AST) which reportedly range in size from 6,000 gallons to 12,500 gallons. In addition to the above, the site reportedly had up to seventeen (17) USTs of which 14 were reportedly permanently removed from approximately 1986 through 1993 and three (3) USTs were reportedly closed in-place. Documents indicating the locations of the above USTs was not available. The buildings occupy approximately 30-percent of the total area of the site. A relatively small area of the site (less than 10%) is currently utilized by the operator to perform engineering, testing operations of their products (e.g., compressors) and office space with the majority of the site mostly unoccupied. Please refer to Appendix A - Figures and Legal Description for details.

According to the *Quaternary Geology of Southern Michigan* (Farrand and Bell, 1982), the regional geology in the area of the site consists of glacial outwash sand and gravel, and post glacial alluvium that is pale brown to pale reddish brown, with fine to coarse sand alternating with layers of small gravel to heavy cobbles, with mixed lithology of sedimentary, igneous, and metamorphic rocks. This matrix is well to poorly sorted, well stratified, and, in places, crossbedded. This matrix occurs as fans and sheets of flanking end moraines and as deltas along glacial lake margins in fluvial terraces along present and abandoned drainageways. This matrix includes narrow belts of Holocene alluvium inset below outwash terraces alongside present streams.

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1.3 Resources

ATC's field activities were conducted by Mr. Andy Rauser (Field Geologist with ATC) on December 15, 16 and 22, 2008 and January 14 and 15, 2009 and February 2, 2009. The Phase II Report was prepared by Mr. Uday Gollapudi (Project Manager with ATC) and Mr. Kevin D. LaForge (Senior Project Manager with ATC) and reviewed by Mr. David M. Paholak (Branch Manager with ATC). The laboratory analytical services and Geoprobe services were provided by Lakeland Laboratories, Inc. located in Pinckney, Michigan and Fibertec Environmental Services located in Brighton, Michigan, respectively.

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2.0 SCOPE OF WORK

The scope of work for this site investigation consisted of the following tasks:

- Obtain and review available historical site documents from Tecumseh Products Company and request records from the Michigan Department of Environmental Quality (MDEQ) and United States Environmental Protection Agency (USEPA) via a Freedom of Information Act (FOIA) request in an attempt to determine approximate locations of on-site historical activities which may pose potential environmental concerns.

- Prepare a Health and Safety Plan in accordance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120.

- Request and review available documents (e.g., as-built, blue-prints, etc.) and perform a site walk (on November 5, 2008) with site representatives in an attempt to identify site features and underground structures (e.g., utility lines, USTs, etc.). Notify the MISS DIG utility locating service and conduct an on-site MISS DIG meeting prior to drilling activity. ATC notes prior to drilling, site representatives indicated there were no available records indicating any underground structures to include utilities, USTs, drains, etc.

- Conduct a Ground Penetrating Radar (GPR) Survey of the former UST area (as identified by site personal during a site walk-through on November 5, 2008) in an attempt to determine if USTs are present.

- Advance 30 Geoprobe® borings at the site to approximately 22-25 feet bgs with soil sampling to the terminus of each boring. Boring activities included hand clearing with a tile probe and hand auger to depths up to 60-inches. The actual number of borings was 32 and the depths ranged from 6 feet bgs (GP-20 was terminated due to the presence of a water main) to 45 feet bgs (at GP-22, GP-23 and GP-28). ATC also installed three (3) temporary groundwater monitoring wells using 1-inch diameter polyvinyl chloride (PVC) well screen (with a slot size of 0.010 feet) and riser at borings GP-10, GP-11 and GP-12. Following installation, the top-of-casing elevations were surveyed and the depth to groundwater gauged to estimate a groundwater flow direction.

- Field screen soil samples for evidence of impacted soil (e.g., staining, odors, other physical evidence of impairment, etc.) and monitor the soil samples for the presence of total organic vapors (TOVs) using a photoionization detector (PID) which measures TOVs in parts per million (ppm).

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- Submit soil samples from selected boring locations and, if available, collect groundwater samples for laboratory analysis for a combination of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polynuclear aromatic hydrocarbons (PNAs), polychlorinated biphenyls (PCBs), total or dissolved arsenic, barium, cadmium, chromium, copper, lead, mercury, silver, selenium, zinc and/or total cyanide.

- Prepare a report that describes the project activities and presents the results of the Phase II ESA.

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3.0 FIELD ACTIVITIES

Prior to implementing the field activities, ATC requested maps of the site which identified underground structures (e.g., utilities, USTs, etc.), contacted the statewide utility locator service (MISS DIG) and attended an on-site meeting to have the public utility lines marked. ATC also utilized a hand auger and tile probe in an attempt to locate unidentified underground structures, if present. In addition, to minimize the risk of potential exposure to chemical and physical hazards associated with the subsurface investigation activities, a site specific Health and Safety Plan was prepared.

Field activities were conducted at the site to evaluate the subsurface conditions regarding the aforementioned potential environmental concerns while taking into account the general lack of reliable documentation (i.e., no scaled as-built drawings of the site, no maps with UST locations, etc.) with respect to exact locations of historical operations (chemical use/storage areas, and industrial processes) and/or historical structures (e.g., former/current USTs, ASTs, sumps, trenches, and oil houses).

To minimize the potential for cross contamination during sample collection, the sampling equipment was decontaminated prior to collecting each sample. Decontamination procedures consisted of using distilled water and alconox soap solution wash, a distilled water rinse, and a final distilled water rinse and/or by steam cleaning. Field blanks or trip blanks were not supplied due to the limited nature of the Phase II ESA investigation. There were no investigation-derived wastes generated during this investigation. Soil cuttings obtained from the borings were returned to each respective boring upon completion.

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3.1 Field Exploration

Ground Penetrating Radar (GPR) Survey

On December 17, 2008, WorkSmart, Inc. of Paw Paw, Michigan (WorkSmart) performed a GPR Survey of the portion of the site which reportedly contained (or once contained) fourteen (14) previously removed USTs and also three (3) permanently closed-in-place USTs. The area where the GPR Survey was conducted is located to the west of the central portion of the main building. The GPR Survey area did not include evaluating areas inside buildings or in other inaccessible portions of the site (e.g., fenced in areas, etc.). The GPR Survey area was irregularly shaped and included some relatively narrow "walkways" located in between buildings. Please refer to Appendix E for a copy of the GPR Survey Report.

Geoprobe/Hand Borings, Temporary Well Installation with Soil/Groundwater Sampling

On December 15, 16 and 22, 2008, January 14 and 15, 2009 and February 2, 2009, a total of thirty-two (32) Geoprobe® and/or hand auger borings (identified as GP-1 through GP-30, HB-31 and HB-32) were advanced on-site. ATC also installed three (3) temporary groundwater monitoring wells using 1-inch diameter polyvinyl chloride (PVC) well screen (with a slot size of 0.010 feet) and riser at borings GP-10, GP-11 and GP-12. Following well installation, the top-of-casing (TOC) elevations were surveyed and the depth to groundwater gauged in order to estimate a groundwater flow direction. The borings were advanced to depths ranging between approximately 6-inches (HB-31 and HB-32 were shallow hand borings) to 45 feet bgs (at GP-22, GP-23 and GP-28) with soil samples collected to the terminus of the borings. Borings GP-22, GP-23 and GP-28 were extended to 45 feet bgs to collect discrete groundwater samples from deeper within the water bearing zone. Groundwater samples were collected directly from the Geoprobe rods using new plastic tubing and a peristaltic pump and/or a hand pump with a check valve.

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The boring locations were selected based on the presence of potential environmental concerns identified as a result of the following: Atwell's Phase I ESA report; ATC's visual reconnaissance and records review; and, in an attempt to provide general coverage of the site with an estimated groundwater flow direction towards the east. Boring locations were also based on general site conditions and physical access limitations. For details of boring locations, please refer to Appendix A – Figures and for details regarding sample rationale, please refer to Appendix C, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results.

The borings were advanced to visually classify the lithology and to collect soil and/or groundwater samples for field screening and/or laboratory analysis. Soil samples were collected from GP-1 through HB-32 and field screened for the presence of staining, odors and TOVs utilizing a PID. Geologic and hydrogeologic conditions along with visual and olfactory observations were recorded on the soil boring logs contained in Appendix B - Boring Logs and Appendix C, Table 7 – Survey and Gauging Data includes details regarding water level readings at GP-10, GP-11 and GP-12..

Based on ATC's observations during the advancement of GP-1 through HB-32, the surface cover inside the building consisted of approximately 6-inches of concrete and the surface cover outside the building consisted of asphalt, grass/topsoil and/or bare soil. Below the surface cover, the soils generally consisted of sand and/or clay fill material which contained miscellaneous debris to include brick fragments, other debris, and/or slag-stones which continued to depths ranging from 1 to 7 feet bgs followed by coarse sand with varying amounts of gravel which extended to the terminus of the borings. With the exception of shallow borings or borings terminated due to auger refusal, groundwater was observed at the remaining boring locations at depths of approximately 8 feet bgs (at GP-24) to 26 feet bgs (the majority of the boring locations). Based on the presence of sandy soil with groundwater, a groundwater aquifer as defined by the MDEQ is present.

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Based on the field screening results, one (1) soil sample from borings GP-1, GP-3, GP-4, GP-6, GP-7, GP-9, GP-10, GP-12, GP-14, GP-15 GP-16, GP-17, GP-21, GP-22, GP-23, GP-25, GP-26, GP-27, GP-28, GP-29, HB-31 and HB-32 was selected for submittal for laboratory analysis from a depth representing a likely impacted sample interval(s). The above soil samples were submitted for laboratory analysis for the presence of a combination of parameters which included the following: VOCs; PNAs; SVOCs; PCBs; total metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium and/or zinc); and/or total cyanide. The laboratory performed the analysis utilizing USEPA SW846 Laboratory Methods 8260 (VOCs), 8270 (PNAs/SVOCs), 8081/8082 (PCBs), Series 200/6000/7000 (metals) and 9010 (total cyanide). The soil samples were submitted to Lakeland Laboratories, Inc. located in Pinckney, Michigan (Lakeland) for laboratory analysis utilizing chain-of-custody controls. The soil sample locations and the laboratory analysis performed for each sample are indicated below in Table A - Soil Sample Locations with Laboratory Analyses. Additional details regarding boring locations and the sampling rationale are indicated in Appendix A – Figures and Appendix C, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results.

Table A: Soil Sample Locations with Laboratory Analyses (continued on next page)

Soil Sample Locations with Laboratory Analysis	VOCs	PNAs	SVOCs	PCBs	Total Metals*	Total Cyanide
GP-1 (3’-5’ bgs)	X		X	X	X	
GP-3 (6’-8’ bgs)	X	X			X*	
GP-4 (4’-6’ bgs)	X	X		X	X	
GP-6 (3’-5’ bgs)	X		X	X	X	
GP-7 (2’-4’ bgs)	X		X	X	X	
GP-9 (5’-7’ bgs)	X	X			X	
GP-10 (2’-4’ bgs)	X		X		X*	
GP-12 (5’-7’ bgs)	X	X		X	X*	
GP-14 (1’-3’ bgs)	X	X		X	X*	
GP-15 (3’-5’ bgs)	X	X		X	X*	
GP-16 (1’-3’ bgs)	X		X	X	X	X
GP-17 (3’-5’ bgs)	X	X			X*	

Soil Sample Locations with Laboratory Analysis	VOCs	PNAs	SVOCs	PCBs	Total Metals*	Total Cyanide
GP-21 (3'-5' bgs)	X	X			X*	
GP-22 (8'-10' bgs)	X	X			X*	
GP-23 (3'-5' bgs)	X	X			X*	
GP-25 (1'-2' bgs)	X		X	X	X	
GP-26 (3'-5' bgs)	X	X		X	X*	
GP-27 (1'-3' bgs)	X		X	X	X	
GP-28 (21'-23' bgs)	X	X			X*	
GP-29 (3'-5' bgs)	X	X			X*	
HB-31 (6-inches bgs)	X	X			X*	
HB-32 (6-inches bgs)				X		

Note: An asterisk (*) indicates the soil sample was analyzed for the presence of cadmium, chromium and lead. The remaining soil samples were analyzed for the 10 Michigan Metals.

With the exception of at GP-30, HB-31 and HB-32, groundwater was encountered, sampled and laboratory analyzed for a combination of parameters to include the following: VOCs, SVOCs, PNAs, PCBs, dissolved metals and/or total cyanide. Groundwater was not sampled at boring GP-30 due to auger refusal and borings HB-31 and HB-32 were shallow hand auger borings terminated prior to reaching groundwater. Laboratory analysis was performed utilizing the same USEPA Laboratory Methods as indicated for the soil samples. The following table indicates the groundwater sample locations and the laboratory analysis performed for each sample.

Table B: Groundwater Sample Locations with Laboratory Analyses (continued on next page)

Groundwater Sample Locations with Laboratory Analysis	VOCs	PNAs	SVOCs	Dissolved Metals*	Total Cyanide
GP-1	X		X	X	
GP-2	X	X		X*	X
GP-3	X		X	X	X
GP-4	X	X		X*	
GP-5	X		X	X	
GP-6	X			X*	
GP-7	X		X	X	X
GP-8	X		X	X*	X
GP-9	X	X		X	X
GP-10	X		X	X	X

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Groundwater Sample Locations with Laboratory Analysis	VOCs	PNAs	SVOCs	Dissolved Metals*	Total Cyanide
GP-11	X		X	X	X
GP-12	X		X	X	X
GP-13	X	X		X	
GP-14	X	X		X*	
GP-15	X	X		X*	
GP-16	X		X	X	X
GP-17	X		X	X	X
GP-18	X	X		X*	
GP-19	X	X		X*	
GP-21	X	X		X*	
GP-22 (26')	X		X	X	X
GP-22 (45')	X				
GP-23 (26')	X		X	X	X
GP-23 (35')	X				
GP-24	X	X		X	X
GP-25	X		X	X	X
GP-26	X	X		X*	
GP-27	X		X	X	X
GP-28 (26')	X	X		X*	X
GP-28 (45')	X				
GP-29	X	X		X*	

Note: An asterisk (*) indicates the groundwater sample was analyzed for the presence of cadmium, chromium and lead. The remaining soil samples were analyzed for the 10 Michigan Metals.

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4.0 RESULTS

4.1 Records Review Results

ATC reviewed the records from the MDEQ and the USEPA related to the site and obtained via a FOIA request. Based on ATC's review, the records confirm the presence, use and storage on-site of regulated materials (oils, grease, solvents, etc.), associated waste streams (e.g., waste water, metal shavings, etc.) and the presence and/or removal of USTs, ASTs and other structures utilized in industrial settings (e.g., Solid Waste Management Unit [SHMU], machinery); however, the records are generally lacking specific details (e.g., scaled maps) regarding their exact locations.

4.2 GPR Survey Results

On December 17, 2008, WorkSmart performed a GPR Survey of the area of the site suspected to contain abandoned-in-place USTs or possibly removed USTs (as indicated by site representatives). The survey area did not include inside of buildings or in other inaccessible areas (e.g., inside buildings, fenced in areas, etc.). The GPR Survey area was irregularly shaped and included relatively narrow "walkways" located in between several buildings. Based on the GPR Report, one (1) anomaly consistent with a UST was observed to the northeast of Building TD and west of the main building. In addition, during a site walk conducted by ATC on March 11, 2009, a suspected UST fill port was visually identified to the south of the old waste water treatment plant (Building K-1 which is in the west-central portion of the site. This UST was reportedly filled in-place. With the exception of the above, no other anomalies consistent with a UST were noted during the GPR Survey. As noted in the GPR Report, the presence of nearby buildings which surrounded a relatively large portion of the GPR Survey area created interferences which could prevent the detection of unidentified USTs. For details, please refer to Appendix A – Figures and Appendix E - GPR Survey Report.

4.3 Field Screening Results

The soil samples collected for PID field screening from GP-1 through HB-32 indicated detectable PID readings ranging from 0.1 ppm at GP-1 to 49.1 ppm at GP-12. Additionally, sand

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and/or clay fill material which generally contained miscellaneous debris to include brick fragments, other debris and/or slag-stones was observed at each boring location from near grade level up to 7 feet bgs. Please refer to Appendix B - Boring Logs for PID results and to Appendix C, Table 6 - Summary of Soil Borings, Evaluated Potential Environmental Concerns, Analytical Rationale/Field Screening Results for sampling rationale.

4.4 Temporary Well Installation with Estimated Groundwater Flow Direction

On December 16, 2008, ATC installed three (3) temporary groundwater monitoring wells using 1-inch diameter PVC well screen (with a slot size of 0.010 feet) and riser at borings GP-10, GP-11 and GP-12. Following well installation, the TOC elevations were surveyed and the depth to groundwater gauged in an attempt to estimate a groundwater flow direction. Based on the above, the groundwater appears to flow in an easterly direction. For well survey and groundwater gauging data, please refer to Appendix C, Table 7 – Survey and Gauging Data.

4.5 Soil Sample Laboratory Analytical Results

The laboratory analytical results for the soil samples collected from GP-1 through HB-32 indicated the presence of one (1) or more metals concentrations (where analyzed) above the laboratory detection limits. The metals concentrations ranged from 0.08 milligrams per kilogram (mg/kg) of cadmium at GP-17 (3’-5’ bgs) to 260 mg/kg of zinc at GP-27 (1’-3’ bgs). The soil sample laboratory analytical results also indicated the presence of one (1) or more VOCs at the following boring locations: GP-3 (6’-8’ bgs), GP-6 (3’-5’ bgs), GP-7 (2’-4’ bgs), GP-9 (5’-7’ bgs), GP-10 (2’-4’ bgs), GP-12 (5’-7’ bgs), GP-14 (1’-3’ bgs), GP-15 (3’-5’ bgs), GP-16 (1’-3’ bgs), GP-17 (3’-5’ bgs), GP-21 (3’-5’ bgs), GP-22 (8’-10’ bgs), GP-23 (3’-5’ bgs), GP-25 (1’-2’ bgs), GP-26 (1’-3’ bgs), GP-27 (1’-3’ bgs) and GP-28 (21’-23’ bgs). The detected VOCs included the following: n-butylbenzene, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-dichlorothene (1,1-DCE), ethylbenzene, n-propylbenzene, tetrachloroethene (PCE), toluene, 1,1,1-trichloroethane (1,1,1-TCA),

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trichloroethene (TCE), 1,2,4-trimethylbenzene (1,2,4-TMB), 1,3,5-trimethylbenzene (1,3,5-TMB) and xylenes. The above referenced VOCs ranged in concentration from 64 micrograms per kilogram (ug/kg) of ethylbenzene at GP-27 (1'-3' bgs) to 43,000 ug/kg of TCE at GP-14 (1'-3;' bgs). In addition, the soil samples from GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-26 (3'-5' bgs) and HB-31 (6" bgs) also indicated the presence of PNAs which included the following: anthracene, acenaphthylene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. The above PNAs were detected at concentrations ranging from 400 ug/kg of anthracene at GP-26 (3'-5'bgs) to 13,000 ug/kg of fluoranthene at GP-31 (6" bgs). The remaining soil samples did not indicate the presence of VOCs or PNAs above the laboratory detection limits. Additionally, no detectable PCBs or total cyanide was detected, where analyzed. Please refer to the maps in Appendix A – Figures, Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps, Appendix C which contains summary tables of detected laboratory parameters, and Appendix D for the laboratory reports.

Since metals can be naturally occurring in soils, ATC compared the detected metals results to the Default Background Levels contained in State of Michigan, Natural Resources and Environmental Protection Act 451 of 1994, as amended (P.A. 451), Part 201, MDEQ, Remediation and Redevelopment Division (RRD) Operational Memorandum No. 1 (Memo No. 1) dated December 10, 2004, as revised. Based on the above comparison, the soil samples from GP-1 (3'-5' bgs), GP-4 (4'-6' bgs), GP-6 (3'-5' bgs), GP-7 (2'-4' bgs), GP-9 (5'-7' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-21 (3'-5' bgs), GP-22 (8'-10' bgs), GP-23 (3'-5' bgs), GP-25 (1'-2' bgs), GP-26 (3'-5' bgs), GP-27 (1'-3' bgs), GP-28 (21'-23' bgs), GP-29 (3'-5' bgs) and HB-31 (6" bgs) indicated the presence of one (1) or more of the following metals at concentrations above the Default Background Levels: arsenic, barium cadmium, chromium, copper, lead, selenium, and zinc. Based on the presence of metals above the Default Background Levels and due to subsurface conditions on-site (i.e., presence of a groundwater aquifer), ATC also compared the detected metals results to the Residential and Commercial I (R/C I), Drinking

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Water Protection Criteria (DWPC) and Direct Contract Criteria (DCC) contained in Memo No. 1 of P.A. 451, Part 201. Based on this comparison, arsenic was detected at concentrations above the R/C I DCC and/or DWPC at GP-1 (3'-5' bgs), GP-4 (4'-6' bgs), GP-6 (3'-5' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-25 (1'-2' bgs) and GP-27 (1'-3' bgs). The soil sample from GP-27 (1'-3' bgs) and HB-31 (6" bgs) also indicated the presence of cadmium above the R/C I DWPC. The remaining metals results were not above the R/C I DWPC or the DCC contained in Memo No. 1.

ATC also compared the detected PNAs and VOCs in soil to the R/C I DWPC, DCC and to the Soil Volatilization to Indoor Air Inhalation Criteria (SVIAIC) contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, concentrations of cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA and/or TCE were detected above the R/C I, DWPC at the following locations: GP-3 (6'-8' bgs), GP-6 (3'-5' bgs), GP-7 (2'-4' bgs), GP-9 (5'-7' bgs), GP-10 (2'-4' bgs), GP-12 (5'-7' bgs), GP-14 (1'-3' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-17 (3'-5' bgs), GP-21 (3'-5' bgs), GP-22 (8'-10' bgs), GP-23 (3'-5' bgs), GP-25 (1'-2' bgs), GP-26 (1'-3' bgs), GP-27 (1'-3' bgs) and GP-28 (21'-23' bgs). The soil samples from GP-14 (1'-3' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs) and GP-25 (1-2' bgs) indicated the presence of TCE at concentrations of 43,000, ug/kg, 38,000 ug/kg, 7,600 ug/kg and 8,600 ug/kg, respectively, which are above the R/C I SVIAIC of 7,100 ug/kg in Memo No. 1. In addition, the three (3) soil samples from GP-9 (5'-7' bgs), GP-14 (1'-3' bgs) and GP-15 (3'-5' bgs) indicated the presence of 1,1-DCE above the R/C I SVIAIC. The concentrations of TCE detected at GP-14 (43,000 ug/kg) and GP-15 (38,000 ug/kg) were also above the Commercial II, III, IV and Industrial SVIAIC of 37,000 ug/kg. The concentrations of 1,1-DCE detected at GP-15 (360 ug/kg) was also above the Commercial II, III, IV and Industrial SVIAIC of 330 ug/kg. The PNAs detected in soil at GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-26 (3'-5' bgs) and HB-31 (6" bgs) were not above the R/C I DWPC, DCC or the SVIAIC contained in Memo No. 1 of P.A. 451, Part 201. Please refer to Appendix A for maps which indicate laboratory parameters detected above the cleanup criteria, Appendix C for summary tables of detected laboratory parameters and Appendix D for the laboratory reports.

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4.6 Groundwater Sample Laboratory Analytical Results

The laboratory analytical results for the groundwater samples collected from GP-1, GP-3, GP-5, GP-6, GP-10, GP-11, GP-12 and/or GP-13 indicated the presence of dissolved barium, copper and lead above the laboratory detection limits. The above dissolved metals were detected at concentrations ranging from 3 micrograms per Liter (ug/L) of lead at GP-6 to 110 ug/L of barium at GP-1. The remaining groundwater sample locations did not indicate the presence of dissolved metals above the laboratory detection limits.

The groundwater samples laboratory analyzed from GP-2 to GP-19, GP-21, GP-22 (26' and 45' bgs), GP-23 (26' and 35' bgs), GP-24, GP-25, GP-27 and GP-28 indicated the presence of one (1) or more of the following VOCs: benzene, n-butylbenzene, chloroethane, chloroform, cis-1,2-DCE, 1,1-DCA, 1,1-DCE, trans-1,2-DCE, ethylbenzene, n-propylbenzene, PCE, 1,1,2-TCA, toluene, 1,1,1-TCA, 1,2,4-TMB, 1,3,5-TMB, TCE and xylenes. The above VOCs were detected at concentrations ranging from 1 ug/L of chloroform at GP-10 to 8,500 ug/L of 1,1,1-TCA at GP-21. The groundwater sample from GP-26 did not indicate the presence of VOCs above the laboratory detection limits. Please refer to the maps in Appendix A – Figures, Adsorbed and Dissolved Concentrations Exceeding Cleanup Criteria maps, Appendix C which contains summary tables of detected laboratory parameters, and Appendix D for the laboratory reports.

The groundwater sample collected from GP-8 also indicated the presence of 2-methylnaphthalene and naphthalene (both PNAs) at concentrations of 7 ug/L and 10 ug/L, respectively. In addition, the groundwater sample from GP-16 and GP-17 indicated the presence of total cyanide at concentrations of 5 ug/L and 6 ug/L, respectively. The remaining groundwater samples did not indicate the presence of PNAs or total cyanide (where analyzed) above the laboratory detection limits.

ATC compared the above metals in groundwater results to the R/C I Drinking Water Criteria (DWC) and to the Groundwater Contact Criteria (GCC) contained in Memo No. 1 of P.A 451, Part 201. Based on the above comparison, lead was detected at GP-10 at 5 ug/L which is above

the R/C I DWC of 4 ug/L. The remaining metals concentrations were not above the R/C I DWPC or the DCC contained in Memo No 1. of P.A. 451, Part 201.

Based on the subsurface conditions on-site, ATC compared the VOC and PNA concentrations in groundwater to the R/C I GCC, Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIAIC) and the DWC contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, concentrations of one (1) or more VOCs (benzene, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and 1,2,4-TMB) were detected above the R/C I DWC at GP-2 through GP-19, GP-21, GP-22, GP-23, GP-24, GP-25, GP-27, GP-28 and/or GP-29. In addition, concentrations of 1,1-DCE were detected in groundwater at GP-12 (320 ug/L), GP-21 (920 ug/L) and GP-22 at 26' bgs (210 ug/L) which is above the R/C I GVIAIC. The above concentrations of 1,1-DCE were not above the Commercial II, III, IV and Industrial GVIAIC for 1,1-DCE of 1,300 ug/L. The remaining detected VOCs and PNAs were not above the R/C I GCC, GVIAIC, or DWC. Please refer to Appendix A for maps which indicate laboratory parameters detected above the cleanup criteria, Appendix C for summary tables of detected laboratory parameters and Appendix D for the laboratory reports.

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5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

ATC reviewed the records from the MDEQ and the USEPA related to the site and obtained via a FOIA request. Based on ATC's review, the records confirm the presence, use and storage on-site of regulated materials (oils, grease, solvents, etc.), associated waste streams (e.g., waste water, metal shavings, etc.) and the presence and/or removal of USTs, ASTs and other structures utilized in industrial settings (e.g., SWMU, machinery). The information provided general information regarding historical structures and approximate locations of several potential areas of concern. The investigation was designed to provide coverage of approximate areas of concern and to provide general coverage for the site.

On December 17, 2008, WorkSmart performed a GPR Survey of the area of the site suspected to contain abandoned-in-place USTs or possibly removed USTs (as indicated by site representatives). Based on the GPR Report, one (1) anomaly consistent with a UST was observed to the northeast of Building TD which is west of the main site building. Additionally, during a site walk conducted by ATC on March 11, 2009, a suspected UST fill port was visually identified to the south of the old waste water treatment plant (Building K-1 which is in the west-central portion of the site). This UST was reportedly filled in-place. No other anomalies consistent with a UST were noted during the GPR Survey.

The soil samples collected for PID field screening from GP-1 through HB-32 indicated detectable PID readings ranging from 0.1 ppm at GP-1 to 49.1 ppm at GP-12. Additionally, sand and/or clay fill material which generally contained miscellaneous debris to include brick fragments, other debris and/or slag-stones was observed at each boring location from near grade level up to 7 feet bgs. Below the fill material, the soils generally consisted of coarse sand with varying amounts of gravel which extended to the terminus of the borings. Groundwater was generally present at depth of approximately 25-27 feet bgs (except at GP-24 where groundwater was at 8 feet bgs).

ATC installed three (3) temporary groundwater monitoring wells at GP-10, GP-11 and GP-12. Based on data collected from the wells, groundwater appears to flow towards the east.

The laboratory analytical results for the soil samples collected from GP-1 through HB-32 indicated the presence of one (1) or more metals above the laboratory detection limits. The metals concentrations ranged from 0.08 mg/kg of cadmium at GP-17 (3'-5' bgs) to 260 mg/kg of zinc at GP-27 (1'-3' bgs). The soil sample laboratory analytical results also indicated the presence of one (1) or more VOCs at seventeen (17) boring locations. The detected VOCs included the following: n-butylbenzene, chloroform, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, ethylbenzene, PCE, toluene, 1,1,1-TCA, TCE, 1,2,4-TMB, 1,3,5-TMB and xylenes. The above VOCs ranged in concentration from 64 ug/kg of ethybenzene at GP-27 (1'-3' bgs) to 43,000 ug/kg of TCE at GP-14 (1'-3;' bgs). The soil samples from GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-26 (3'-5' bgs) and HB-31 (6" bgs) also indicated the presence of PNAs which included the following: anthracene, acenaphthylene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene. The above PNAs were detected at concentrations ranging from 400 ug/kg of anthracene at GP-26 (3'-5'bgs) to 13,000 ug/kg of fluoranthene at HB-31 (6" bgs).

ATC compared the detected metals results to the Default Background Levels contained in Memo No. 1 of P.A. 451, Part 201. Based on the above comparison, sixteen (16) soil sample locations indicated the presence of one (1) or more of the following metals at concentrations above the Default Background Levels: arsenic, barium cadmium, chromium, copper, lead, selenium, and zinc. ATC also compared the detected metals results to the R/C I, DWPC and DCC contained in Memo No. 1. Based on this comparison, arsenic was detected at concentrations above the R/C I DCC and/or DWPC at GP-1 (3'-5' bgs), GP-4 (4'-6' bgs), GP-6 (3'-5' bgs), GP-15 (3'-5' bgs), GP-16 (1'-3' bgs), GP-25 (1'-2' bgs) and GP-27 (1'-3' bgs). The soil sample from GP-27 (1'-3' bgs) and HB-31 (6" bgs) also indicated the presence of cadmium above the R/C I DWPC. ATC

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also compared the detected PNAs and VOCs in soil to the R/C I DWPC, DCC and to the SVIAIC contained in Memo No. 1. Based on the above, seventeen (17) soil sample locations indicated the presence of one (1) or more of the following VOCs at concentrations above the R/C I DWPC: cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA and/or TCE. Four (4) soil samples (GP-14, GP-15, GP-16 and GP-25) indicated the presence of TCE above the R/C I SVIAIC and three (3) soil samples (GP-9, GP-14 and GP-15) indicated the presence of 1,1-DCE above the R/C I SVIAIC. The concentrations of TCE detected at GP-14 (43,000 ug/kg) and GP-15 (38,000 ug/kg); and the concentrations of 1,1-DCE detected at GP-15 (360 ug/kg) were also above the Commercial II, III, IV and Industrial SVIAIC of 37,000 ug/kg for TCE and 330 ug/kg for 1,1-DCE. Although PNAs were detected in soil at four (4) sample locations, the concentrations were not above the R/C I DWPC, DCC or the SVIAIC contained in Memo No. 1.

The laboratory analytical results for the groundwater samples collected from GP-1, GP-3, GP-5, GP-6, GP-10, GP-11, GP-12 and/or GP-13 indicated the presence of barium, copper and lead above the laboratory detection limits. The above metals were detected at concentrations ranging from 3 ug/L of lead at GP-6 to 110 ug/L of barium at GP-1. The groundwater samples collected from twenty-six (26) boring locations indicated the presence of one (1) or more of the following VOCs: benzene, n-butylbenzene, chloroethane, chloroform, cis-1,2-DCE, 1,1-DCA, 1,1-DCE, trans-1,2-DCE, ethylbenzene, n-propylbenzene, PCE, 1,1,2-TCA, toluene, 1,1,1-TCA, 1,2,4-TMB, 1,3,5-TMB, TCE and xylenes. The above VOCs were detected at concentrations ranging from 1 ug/L of chloroform at GP-10 to 8,500 ug/L of 1,1,1-TCA at GP-21. The groundwater sample collected from GP-8 also indicated the presence of 2-methylnaphthalene and naphthalene (both PNAs) at concentrations of 7 ug/L and 10 ug/L, respectively. In addition, the groundwater sample from GP-16 and GP-17 indicated the presence of total cyanide at concentrations of 5 ug/L and 6 ug/L, respectively.

ATC compared the metals in groundwater results to the R/C I DWC and to the GCC contained in Memo No. 1. Based on the above comparison, lead was detected at GP-10 at 5 ug/L which is above the R/C I DWC of 4 ug/L.

Based on the subsurface conditions on-site, ATC compared the VOC and PNA concentrations in groundwater to the R/C I GCC, GVIAIC and the DWC contained in Memo No. 1. Based on the above comparison, concentrations of one (1) or more VOCs (benzene, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and 1,2,4-TMB) were detected above the R/C I DWC at GP-2 through GP-19, GP-21, GP-22, GP-23, GP-24, GP-25, GP-27, GP-28 and GP-29. In addition, concentrations of 1,1-DCE were detected in groundwater at GP-12 (320 ug/L), GP-21 (920 ug/L) and GP-22 at 26' bgs (210 ug/L) which is above the R/C I GVIAIC. The above concentrations of 1,1-DCE were not above the Commercial II, III, IV and Industrial SVIAIC for 1,1-DCE of 1,300 ug/L. The detected presence of TCE (at 48 ug/L) in groundwater at GP-24 (at the eastern, down-gradient edge of the site boundary) suggests TCE may have migrated off-site in the groundwater at a concentration above the R/C I DWC (at 5 ug/L).

Recommendation

Based on the detected presence of arsenic, cadmium and VOCs (cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA,and TCE) in soil above the R/C I DCC and/or the DWPC; TCE and 1,1-DCE in soil above the R/C I SVIAIC; and, VOCs (benzene, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and 1,2,4-TMB) and lead in groundwater above the R/C I DWC and/or GVIAIC, the site appears to be defined as a facility per P.A. 451, Part 201. Assuming the client intends to purchase the site, ATC recommends preparation of a Baseline Environmental Assessment and Due Care Plan in accordance with Michigan law.

While VOCs (e.g., benzene, cis-1,2-DCE, 1,1-DCE, PCE, 1,1,1-TCA, TCE and/or 1,2,4-TMB) and metals (e.g., , arsenic, cadmium and/or lead) were detected in soil and/or groundwater above the R/C I DWPC, DWC, SVIAIC and/or GVIAIC, the presence of these compounds does not appear to pose a significant threat to site workers and/or visitors provided that excavation activities

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are not conducted in the impacted area and/or drinking water wells or irrigation wells are not installed and/or utilized. ATC notes the detected presence of TCE (at 48 ug/L) in groundwater at GP-24 (at the eastern, down-gradient edge of the site boundary) suggests TCE may have migrated off-site in the groundwater at a concentration above the R/C I DWC (at 5 ug/L).

If excavation/intrusive activities are necessary (e.g., underground utility repairs, etc.) in the impacted areas, "due care" responsibilities would be necessary to prevent exacerbation of existing contamination and to prevent unacceptable contamination exposure risks. Based on the soil sample results, the most likely exposure risk appears to be excavation workers inhaling VOCs coming from impacted soil and/or from direct contact (e.g., exposed skin on hands, etc.) with soil containing VOCs. ATC notes the presence of TCE and/or 1,1-DCE in soil above the R/C I SVIAIC at GP-9, GP-14, GP-15, GP-16 and/or GP-25 appears to be a relatively low risk with respect to the indoor air exposure pathway due to the presence of concrete surface cover in these areas. Based on the above, ATC recommends the concrete surface cover remain intact in the areas of GP-9, GP-14, GP-15, GP-16 and GP-25.

ATC recommends contractors be informed of the presence of contamination (to include the potential to encounter impacted media) and that contractors be properly trained to work with impacted media in an attempt to maintain a safe work environment and minimize exposure risks. In addition, soil excavated from the site should be properly characterized for waste disposal purposes and transported to an appropriate waste disposal site (e.g., landfill).

ATC recommends that the site continue to be utilized for Commercial II, III, and/or IV or Industrial purposes (as defined by the MDEQ) as contamination was detected in various areas of the site. If future use of the site includes R/C I purposes, ATC recommends further evaluation and/or remediation activities be conducted to reduce the potential for unacceptable exposures to impacted media and/or to reduce contamination levels to acceptable concentrations.

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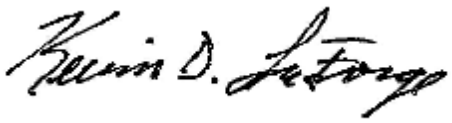
6.0 CERTIFICATION AND QUALIFICATIONS

6.1 Certification of Investigation and Report

This Phase II ESA was performed under the direct supervision of Mr. Kevin D. LaForge who has reviewed and approved this report. The methods and procedures employed in the development of this report conform to minimum industry standards.



Kevin LaForge – Senior Project Manager Date: September 4, 2009

6.2 Qualifications

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration data presented in this report. It is noted that all environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. The results and conclusions presented herein are based solely on the aforementioned field screening techniques and field observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties.

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The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

ATC notes the relatively large size (i.e., 50+ acres) of the site with its varied commercial and industrial history (i.e., 100+ years of industrial/commercial operations) and a general lack of information related to accurate locations of potential source areas of impacted soil and/or groundwater is a limitation of this investigation.

With respect to ATC's interpretation of government (federal, state or local) generated documents (P.A. 451 - Part 201, MDEQ guidance documents, etc.), ATC notes that opinions of other parties may differ from our opinion.

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APPENDIX A

FIGURES AND LEGAL DESCRIPTON

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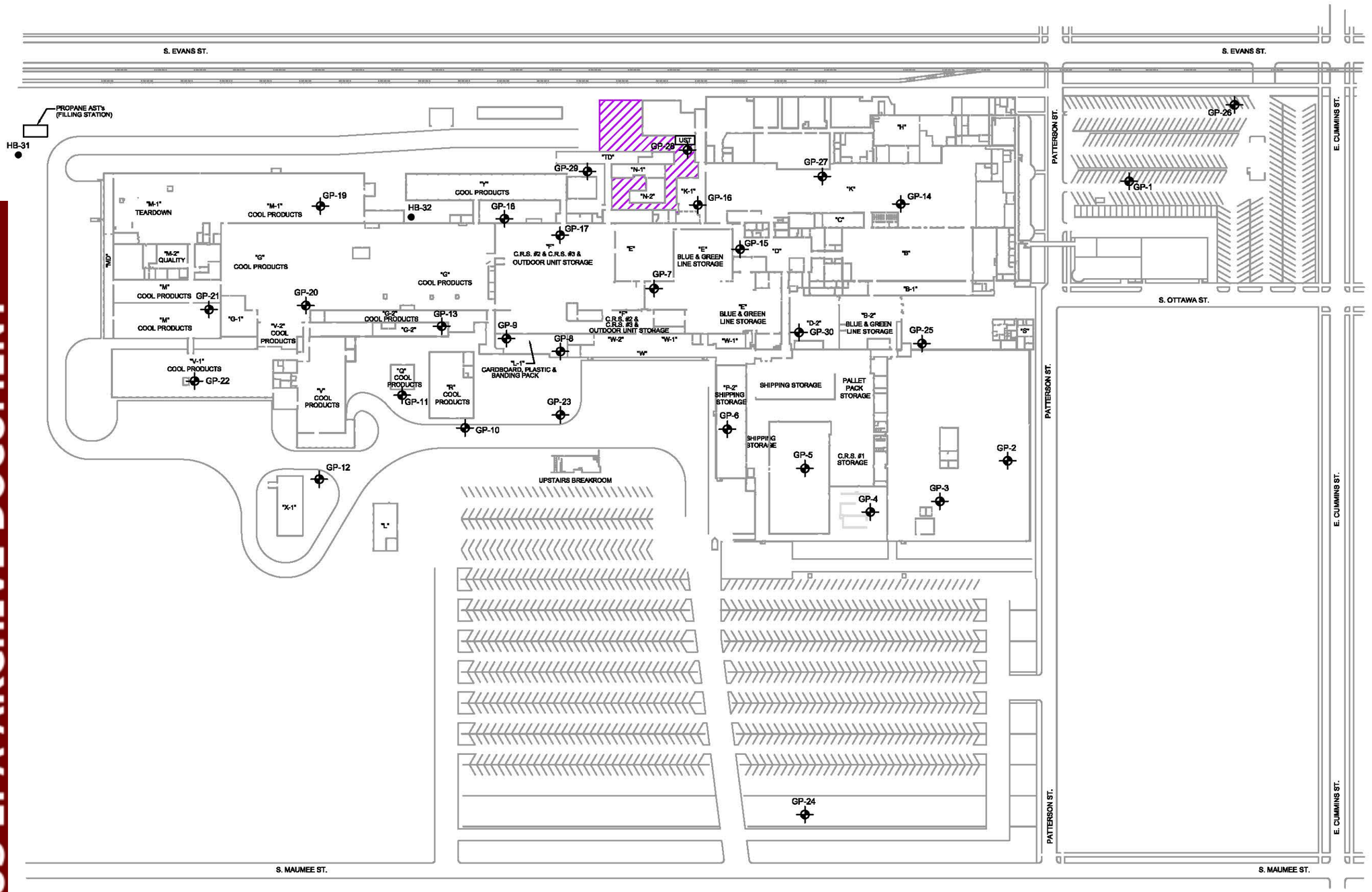

LEGEND

GP-# ⊕ APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.

HB-# ● HAND BORING

UST SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.

GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.

N

0 87.5' 175'

SCALE IN FEET

SITE MAP

TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KL
PROJECT NUMBER: 39.02922.8N01	FIGURE: 1

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140* Fax (248) 669-5147

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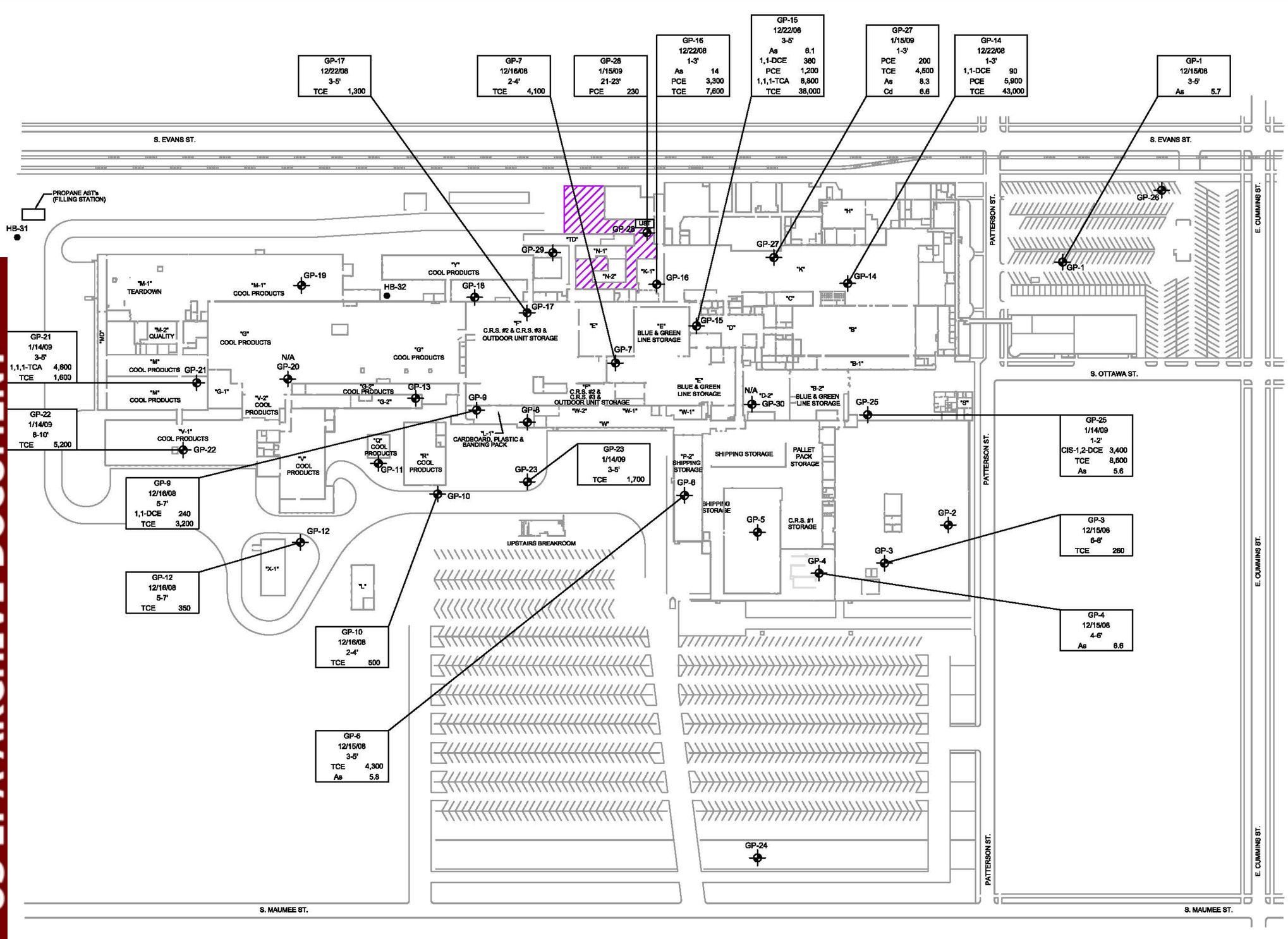


LEGEND

GP-# ⊕	APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.
▨	GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.
HB-# ●	HAND BORING
UST	SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.
N/A	NO SAMPLES SUBMITTED FOR LAB ANALYSIS DUE TO BORING REFUSAL.

VOLATILES (VOLs)
SAMPLE LOCATION
SAMPLE DATE
DEPTH BELOW GRADE

B	BENZENE (µg/Kg)
CIS-1,2-DCE	CIS-1-2-DICHLOROETHENE (µg/Kg)
1,1-DCE	1,1-DICHLOROETHENE (µg/Kg)
PCE	TETRACHLOROETHENE (µg/Kg)
1,1,1-TCA	1,1,1-TRICHLOROETHANE (µg/Kg)
TCE	TRICHLOROETHENE (µg/Kg)

METALS

As	ARSENIC (mg/Kg)
Cd	CADMIUM (mg/Kg)

Notes:
BOLDCASE AND ITALIC NUMBERS FOR ANALYTICAL DATA EXCEED MOST RESTRICTIVE RBSL-CRITERIA, DRINKING WATER OR GROUNDWATER SURFACE WATER INTERFACE.

N

0 87.5' 175'
SCALE IN FEET

ADSORBED CONCENTRATIONS EXCEEDING CLEANUP CRITERIA
12/15-12/16-12/22/08
1/14-1/15-09

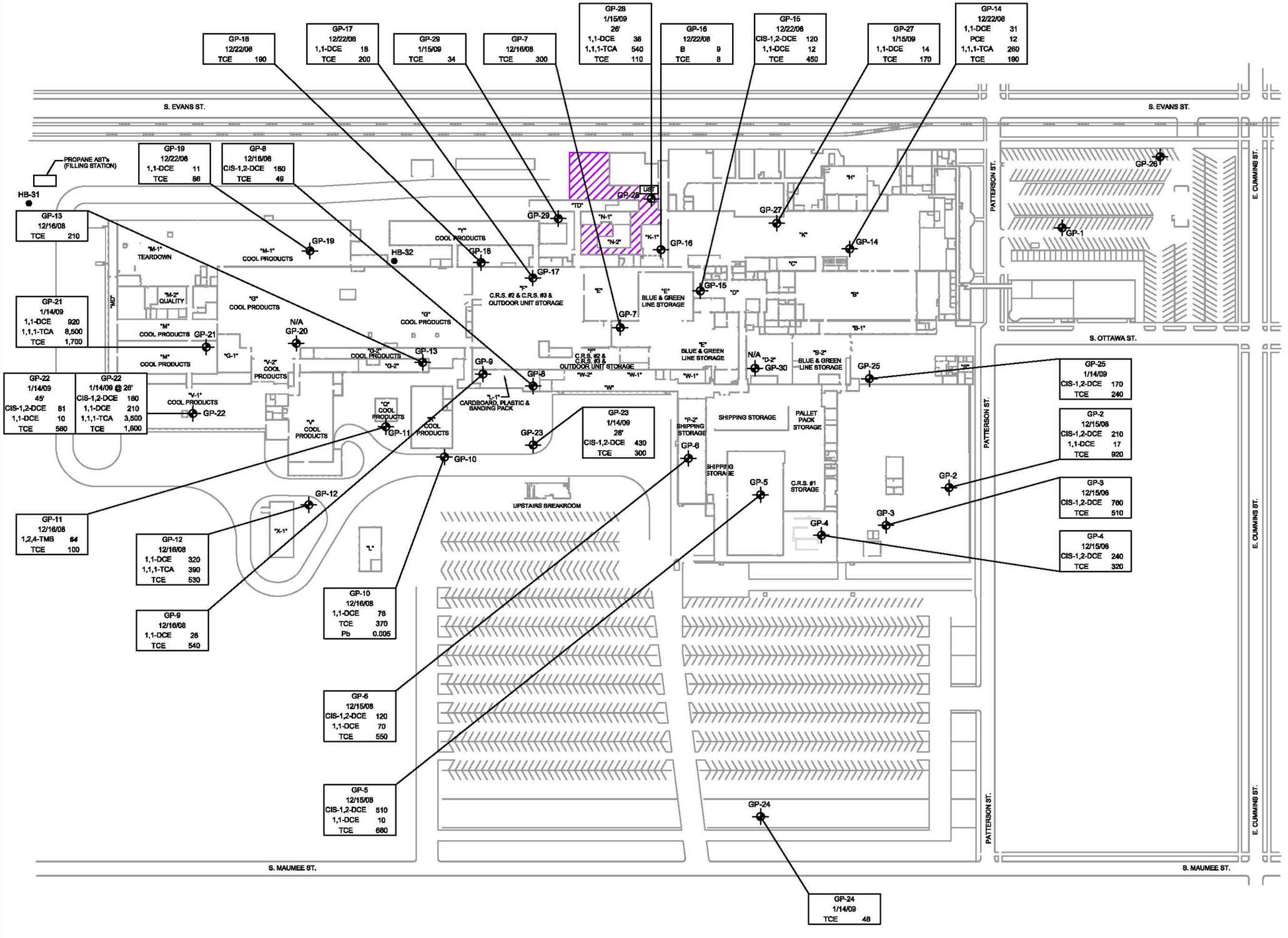
TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KL
PROJECT NUMBER: 39.02922.8N01	FIGURE: 2

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140 Fax (248) 669-5147



LEGEND

GP-#	APPROXIMATE GEOPROBE LOCATION, BORINGS ADVANCED AS PART OF ATCs LIMITED PHASE II INVESTIGATION IN DEC. 2008 AND JAN. 2009.
	GROUND PENETRATING RADAR (APR) SURVEY AREA TO VERIFY ABANDONED IN-PLACE USTS.
HB-#	HAND BORING
UST	SUSPECTED LOCATION OF ABANDONED IN-PLACE USTS.
N/A	NO SAMPLES SUBMITTED FOR LAB ANALYSIS DUE TO BORING REFUSAL.

VOLATILES (VOLs)	
	SAMPLE LOCATION
	SAMPLE DATE
	DEPTH BELOW GRADE
B	BENZENE (µg/L)
CIS-1,2-DCE	CIS-1-2-DICHLOROETHENE (µg/L)
1,1-DCE	1,1-DICHLOROETHENE (µg/L)
PCE	TETRACHLOROETHENE (µg/L)
1,1,1-TCA	1,1,1-TRICHLOROETHANE (µg/L)
1,2,4-TMB	1,2,4-TRIMETHYL BENZENE (µg/L)
TCE	TRICHLOROETHENE (µg/L)
METALS	
Pb	LEAD (mg/L)

Notes:
BOLDCASE AND ITALIC NUMBERS FOR ANALYTICAL DATA EXCEED MOST RESTRICTIVE RBSL-CRITERIA, DRINKING WATER OR GROUNDWATER SURFACE WATER INTERFACE.

N

0 87.5' 175'

SCALE IN FEET

DISSOLVED CONCENTRATIONS EXCEEDING CLEANUP CRITERIA
12/15-12/16-12/22/08
1/14-1/15-09

TECUMSEH PRODUCTS
100 EAST PATTERSON STREET
TECUMSEH, MICHIGAN

REVISIONS

DATE:	BRIEF DESCRIPTION	APPROVED

SCALE: 1"=175'	CADFILE: 8N01_SITEMASTER
DRAWN BY: LJH	CHECKED BY: KL
PROJECT NUMBER: 39.02922.8N01	FIGURE: 3

ATC ASSOCIATES INC.
46555 HUMBOLDT DRIVE, SUITE 100
Novi, Michigan 48377
(248) 669-5140 Fax (248) 669-5147

US EPA ARCHIVE DOCUMENT

EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

Real property situated in the City of Tecumseh, County of Lenawee, Michigan, described as follows:

Parcel 1

A parcel of land located in the West ½ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan and being Lots 13, 14 and 15 of "Assessors Plat No. 6" City of Tecumseh as recorded in Liber 14, pages 15 through 17 in the Office of the Register of Deeds for Lenawee County.

402 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0130-00 (as to Parcels 1 & 2)

404 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0140-00 (as to Parcels 1 & 2)

600 S. Ottawa St., Tecumseh, MI 49286
Tax I.D. No.: 325-0150-00 (as to Parcels 1 & 2)

Parcel 2

A parcel of land located in the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan and being a part of Lot 24 of "Assessor's Plat No. 6" City of Tecumseh as recorded in Liber 14, pages 15 through 17 in the Office of the Register of Deeds for Lenawee County, Michigan and being further described as: Beginning at the Southwest Corner of said Lot 24; thence North 00 degrees 21 minutes 54 seconds East, 959.73 feet (recorded as North 00 degrees 17 minutes East) along the West line of said Lot 24; thence North 89 degrees 21 minutes 43 seconds West, 25.00 feet; thence North 00 degrees 21 minutes 17 seconds East, 745.43 feet (recorded as North 00 degrees 17 minutes East) along the West line of said Lot 24 and its extension Southerly, to the Northwest Corner of said Lot 24; thence South 89 degrees 33 minutes 12 seconds East, 385.12 feet (recorded as South 89 degrees 37 minutes East, 384.8 feet) along the South line of Patterson Street; thence South 00 degrees 01 minutes 27 seconds East, 8.40 feet (recorded as South 00 degrees 02 minutes West, 8.4 feet) along said South line; thence North 89 degrees 40 minutes 52 seconds East, 896.23 feet (recorded as South 89 degrees 46 minutes East, 897.18 feet) along said South line to the Northeast Corner of said Lot 24; thence South 00 degrees 19 minutes 41 seconds West, 1526.83 feet (recorded as South 00 degrees 18 minutes West) along the West line of Maumee Street to the South line of said Lot 24; thence North 89 degrees 28 minutes 33 seconds West, 598.80 feet (recorded as North 89 degrees 34 minutes West) along said South line to the Northwest Corner of Lot 26 of said "Assessor's Plat No. 6" City of Tecumseh; thence South 00 degrees 42 minutes 29 seconds West, 178.06 (recorded as South 00 degrees 21 minutes West) along the West line of said Lot 24 to the Northeast Corner of Lot 25 of said "Assessor's Plat No. 6" City of Tecumseh; thence

North 89 degrees 05 minutes 50 seconds West, 657.42 feet (recorded as North 89 degrees 05 minutes West, 657.3 feet) along the South line of said Lot 24 to the point of beginning.

All bearings are derived from the bearing of the South line of Lot 24 of "Assessors Plat No. 6" City of Tecumseh as bearing North 89 degrees 04 minutes 00 seconds West as shown on the recorded plat, and KEBS, Inc. drawing of Job No. 05-B-76298.

All of the above described land also being described as follows:

Parcel "A"
Part of Lot 24 of Assessor's Plat No. 6 City of Tecumseh being part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan described as beginning at the Southwest corner of Lot 24 of "Assessor's Plat No. 6"; thence N 00 deg. 17' 00" E along the West line of said Lot 24 a distance of 959.53 feet (recorded as N 00 deg. 17' E 959.73 feet); thence N 89 deg. 03' 58" W a distance of 24.84 feet (recorded as N 89 deg. 21' 43" W 25 feet); thence N 00 deg. 15' 47" E a distance of 744.78 feet (recorded as N 00 deg. 17' E 745.43 feet) to a chiseled "X" at the South Right of Way line of Patterson Street; thence S 89 deg. 45' 16" E along the South Right of Way line of Patterson Street a distance of 385.13 feet (recorded as S 89 deg. 37' E 384.8 feet) to a found nail; thence S 00 deg. 10' 05" E a distance of 8.38 feet (recorded as S 00 deg. 01' 27" E 8.4 feet) to a chiseled "X"; thence S 89 deg. 34' 16" E along the South Right of Way line of Patterson Street a distance of 896.18 feet (recorded as S 89 deg. 46' E 897.18 feet); thence S 00 deg. 14' 44" W a distance of 1,524.10 feet (recorded as S 00 deg. 18' W 1526.83 feet); thence N 89 deg. 33' 09" W a distance of 598.85 feet (recorded as N 89 deg. 34' W 598.80 feet); thence S 00 deg. 36' 36" W a distance of 178.08 feet (recorded as S 00 deg. 21' W 177.7 feet); thence N 89 deg. 10' 17" W a distance of 657.45 feet (recorded N 89 deg. 05' W 657.3 feet) to the Point of Beginning.

Contains 2,052,326 square feet or 47.114 acres. Subject to any easements, restrictions, and Rights of Way of record if any.

100 E. Patterson St., Tecumseh, Ml 49286
Tax l.D. No.: 325-0241 -00 (as to Parcels I & 2)

Parcel "B"
Part of Lots 13, 14, and 15 of Assessor's Plat No. 6 City of Tecumseh being part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, City of Tecumseh, Lenawee County, Michigan described as commencing at the Southwest corner of Lot 24 of "Assessor's Plat No. 6"; thence N 00 deg. 17' 00" E along the West line of said Lot 24 a distance of 959.53 feet; thence N 89 deg. 03' 58" W a distance of 24.84 feet; thence N 00 deg. 15' 47" E a distance of 744.78 feet to a chiseled "X" at the South Right of Way line of Patterson Street; thence N 00 deg. 15' 23" E a distance of 33.60 feet to the Northeast Right of Way intersection of Patterson Street and Evans Street and the Point of Beginning; thence N 00 deg. 14' 10" E along the East Right of Way line of Evans Street a distance of 259.97 feet (recorded as N 00 deg. 17' E 260 feet); thence N 89 deg. 04' 50" W a distance of 8.84 feet (recorded as N 89 deg. 37' W 8.55 feet); thence N 00 deg. 09' 40" W along the East Right of Way of Evans Street a distance of 169.35 feet (recorded as N 00 deg. 26' W 169.55 feet) to a point on the South Right of Way line of Cummins Street; thence S 89 deg. 49' 11" E, along the South

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Right of Way line of Cummins Street a distance of 326.61 feet (recorded as S 89 deg. 46' E 327.25 feet); thence S 00 deg. 06' 38" E along the West Right of Way line of Ottawa Street a distance of 430.45 feet (recorded as S 00 deg. 02' W 430.7 feet); thence N 89 deg. 38' 19" W along the North Right of Way line of Patterson Street a distance of 319.20 feet (recorded as N 89 deg. 37' W 318.8 feet) to the Point of Beginning.

Contains 138,273 square feet or 3,174 acres. Subject to any easements, restrictions, and Rights of Way of record if any.

402 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0130-00 (as to Parcels 1 & 2)

404 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0140-00 (as to Parcels 1 & 2)

600 S. Ottawa St., Tecumseh, MI 49286
Tax I.D. No.: 325-0150-00 (as to Parcels 1 & 2)

Parcel 3

Situated in the City (formerly Township) of Tecumseh, County of Lenawee, Michigan, to wit:

All that part of the Southwest Quarter (1/4) of Section Thirty-four (34) in Town Five (5) South, Range Four (4) East, described as commencing in the center of highway at a point located Fifty-seven and five tenths (57.5) feet South Eighty-eight (88) degrees Forty-five (45) minutes East from the Southwest corner of said Section Thirty-four (34) and running thence North No (0) degrees Forty-one (41) minutes East and along the East line of land now, or formerly, owned by the New York Central Railroad Company Eight hundred forty and six tenths (840.6) feet, thence South Eighty-eight (88) degrees Forty-five (45) minutes East Six hundred fifty-seven and four tenths (657.4) feet, thence South No (0) degrees Forty-five (45) minutes West Eight hundred forty and six tenths (840.6) feet to the center of highway, thence North Eighty-eight (88) degrees Forty-five (45) minutes West Six hundred fifty-six and eight tenths (656.8) feet to the place of beginning, except the northerly One hundred seventy-seven and seven tenths (177.7) feet thereof as described in Liber 398 at Folio 146, containing Ten (10) acres of land more or less.

SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Page 15, 16 and 17, Lenawee County Records) described as beginning 464.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 283.00 feet N 00 deg. 21' 00" E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 176.00 feet; thence S 89 deg. 04' 00" E 250.00 feet; thence S 00 deg. 21' 00" W 176.00 feet along the east line of said Lot 25; thence N 89 deg. 04' 00" W 250.00 feet to the place of beginning. Containing 1.01 acres.

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SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records), described as beginning at the Southwest corner of Lot 25, aforesaid, 57.36 feet (recorded as 57.3 feet) South 89 deg. 04' 00" East (along the South line of said Section 34) and 33.00 feet North 00 deg. 17' 00" East from the Southwest corner of said Section 34; thence North 00 deg. 17' 00" East 426.00 feet along the West line of said Lot 25; thence South 89 deg. 04' 00" East 326.97 feet; thence South 00 deg. 17' 00" West 176.00 feet; thence North 89 deg. 04' 00" West 120.00 feet; thence South 00 deg. 21' 00" West 250.00 feet to the South line of said Lot 25; thence North 89 deg. 04' 00" West 206.68 feet to the point of beginning.

SAVE AND EXCEPT:

Situated in the City of Tecumseh County of Lenawee, Michigan, to-wit:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Pages 15, 16 and 17, Lenawee County Records), described as beginning on the south line of Lot 25 aforesaid 464.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00 deg. 21' 00" E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 250.00 feet; thence S 89 deg. 04' 00" 250.00 feet to the east line of said Lot 25; thence S 00 deg. 21' 00" W 250.00 feet to the southeast corner of said Lot 25; thence N 89 deg. 04' 00" W 250.00 feet to the place of beginning containing 1.435 acres.

Subject to easements and restrictions of record.

The bearings are referenced to the Assessor's Plat No. 6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records.

SAVE AND EXCEPT:

Situated in the City of Tecumseh, County of Lenawee, Michigan, to-wit:

All that part of the Southwest ¼ of Section 34, Town 5 South, Range 4 East, (Also being part of Lot 25, Assessor's Plat No. 6, City of Tecumseh, as recorded in Liber 14 of Plats on Pages 15, 16 and 17, Lenawee County Records), described as beginning on the south line of Lot 25 aforesaid 264.03 feet S 89 deg. 04' 00" E (along the south line of said Section 34) and 33.00 feet N 00 deg. E from the Southwest corner of Section 34 aforesaid; thence N 00 deg. 21' 00" E 250.00 feet; thence S 89 deg. 04' 00" 200.00 feet; thence S 00 deg. 21' 00" W 250.00 feet to the south line of said Lot 25; thence N 89 deg. 04' 00" W 200.00 feet to the place of beginning containing 1.148 acres.

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The bearings are referenced to the Assessor's Plat No. 6, as recorded in Liber 14 of Plats, Pages 15, 16 and 17, Lenawee County Records,

805 S. Evans St., Tecumseh, MI 49286
Tax I.D. No.: 325-0250-00 (as to Parcel 3) Vacant Land

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APPENDIX B

BORING LOGS – SEE APPENDIX I OF BEA FOR BORING LOGS

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APPENDIX C

LABORATORY ANALYTICAL SUMMARY TABLES, SAMPLE RATIONALE TABLE AND SURVEY & GAUGING DATA TABLE

SEE APPENDIX J OF BEA FOR ABOVE DOCUMENTS

US EPA ARCHIVE DOCUMENT

APPENDIX D

LABORATORY ANALYTICAL REPORTS

SOIL SAMPLE RESULTS

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

December 30, 2008

ATC Associates
46555 Humboldt Drive
Novi, MI 48377

RE: Project Name: Tecumseh Products
Project No: 39.02922-8N01
Submit Date: 12/18/2008

LLL Project Number: 6907-70230

Dear Kevin LaForge

Enclosed are the results for sample(s) submitted for the above referenced project. Also enclosed are an invoice and a quality control report.

I certify that the data presented in this report meets both the minimum quality assurance standards specified in the referenced analytical methodology and the standards established by this laboratory. I believe the information submitted is true, accurate and complete.

Please contact me directly should you have further questions regarding this analytical. Be advised the samples will be disposed 60 days from the date of this report. If you would like the samples to be retained for a longer period to time, please call the office. All data associated with this report will be retained for five (5) years.

Lakeland Laboratories, Inc. appreciates the opportunity to provide you with quality analytical services.

Sincerely,

Lorri White
President

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 15, 2008

Lab Sample ID: 6907-70230

Sample ID: GP-1, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	5.7	0.1	mg/Kg	SW846 7060	12/30/2008	LLW
Barium	65	1	mg/Kg	SW846 7081	12/30/2008	LLW
Cadmium	0.83	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	7.1	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Copper	12	1	mg/Kg	SW846 7210	12/22/2008	LLW
Lead	11	1	mg/Kg	SW846 7421	12/19/2008	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/23/2008	LLW
Selenium	2.8	0.2	mg/Kg	SW846 7740	12/30/2008	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	12/22/2008	LLW
Zinc	18	1	mg/Kg	SW846 7950	12/22/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70230

Sample ID: GP-1, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	12/17/2008	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	12/19/2008	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	12/20/2008	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70230

Sample ID: GP-1, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Phenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70230

Sample ID: GP-1, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/18/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

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Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 15, 2008

Lab Sample ID: 6907-70231

Sample ID: GP-3, 6-8'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.76	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	4.2	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Lead	6.1	1	mg/Kg	SW846 7421	12/19/2008	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/19/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW

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Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/08
Collection Date: 12/15/08

Lab Sample ID: 6907-70231

Sample ID: GP-3, 6-8'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	260	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/17/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

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Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 15, 2008

Lab Sample ID: 6907-70233

Sample ID: GP-4, 4-6'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	6.6	0.1	mg/Kg	SW846 7060	12/30/2008	LLW
Barium	43	1	mg/Kg	SW846 7081	12/30/2008	LLW
Cadmium	0.53	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	6.2	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Copper	11	1	mg/Kg	SW846 7210	12/22/2008	LLW
Lead	7.0	1	mg/Kg	SW846 7421	12/19/2008	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/23/2008	LLW
Selenium	3.5	0.2	mg/Kg	SW846 7740	12/30/2008	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	12/22/2008	LLW
Zinc	13	1	mg/Kg	SW846 7950	12/22/2008	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/19/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW

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Project Number: 39.02922-8N01
Submit Date: 12/18/08
Collection Date: 12/15/08

Lab Sample ID: 6907-70233

Sample ID: GP-4, 4-6'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/17/2008	LLW

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Certificate of Analysis

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Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70233

Sample ID: GP-4, 4-6'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/18/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

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Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 15, 2008

Lab Sample ID: 6907-70233

Sample ID: GP-6, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	5.8	0.1	mg/Kg	SW846 7060	12/30/2008	LLW
Barium	160	1	mg/Kg	SW846 7081	12/30/2008	LLW
Cadmium	1.3	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	15	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Copper	89	1	mg/Kg	SW846 7210	12/22/2008	LLW
Lead	55	1	mg/Kg	SW846 7421	12/19/2008	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/23/2008	LLW
Selenium	3.0	0.2	mg/Kg	SW846 7740	12/30/2008	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	12/22/2008	LLW
Zinc	110	1	mg/Kg	SW846 7950	12/22/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	150	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW

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Collection Date: 12/15/2008

Lab Sample ID: 6907-70233

Sample ID: GP-6, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	4300	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	12/17/2008	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	12/19/2008	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	12/20/2008	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70233

Sample ID: GP-6, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Phenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/15/2008

Lab Sample ID: 6907-70233

Sample ID: GP-6, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/18/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 16, 2008

Lab Sample ID: 6907-70234

Sample ID: GP-7, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	2.3	0.1	mg/Kg	SW846 7060	12/30/2008	LLW
Barium	93	1	mg/Kg	SW846 7081	12/30/2008	LLW
Cadmium	0.72	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	7.3	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Copper	41	1	mg/Kg	SW846 7210	12/22/2008	LLW
Lead	13	1	mg/Kg	SW846 7421	12/19/2008	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/23/2008	LLW
Selenium	0.23	0.2	mg/Kg	SW846 7740	12/30/2008	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	12/22/2008	LLW
Zinc	100	1	mg/Kg	SW846 7950	12/22/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/16/2008

Lab Sample ID: 6907-70234

Sample ID: GP-7, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	4100	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	12/17/2008	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	12/19/2008	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	12/20/2008	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/16/2008

Lab Sample ID: 6907-70234

Sample ID: GP-7, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Phenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/16/2008

Lab Sample ID: 6907-70234

Sample ID: GP-7, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/18/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 16, 2008
Collection Date: December 16, 2008

Lab Sample ID: 6907-70235

Sample ID: GP-9, 5-7'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	3.8	0.1	mg/Kg	SW846 7060	12/30/2008	LLW
Barium	70	1	mg/Kg	SW846 7081	12/30/2008	LLW
Cadmium	0.93	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	5.6	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Copper	14	1	mg/Kg	SW846 7210	12/22/2008	LLW
Lead	16	1	mg/Kg	SW846 7421	12/19/2008	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/23/2008	LLW
Selenium	0.81	0.2	mg/Kg	SW846 7740	12/30/2008	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	12/22/2008	LLW
Zinc	31	1	mg/Kg	SW846 7950	12/22/2008	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/19/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/16/08
Collection Date: 12/16/08

Lab Sample ID: 6907-70235

Sample ID: GP-9, 5-7'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	240	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	660	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	92	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	77	50	µg/Kg	SW846 8260	12/17/2008	LLW
Toluene	120	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	3200	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Xylenes	220	150	µg/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/17/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 16, 2008

Lab Sample ID: 6907-70236

Sample ID: GP-10, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	1.0	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	6.1	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Lead	15	1	mg/Kg	SW846 7421	12/19/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	12/17/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/16/2008

Lab Sample ID: 6907-70236

Sample ID: GP-10, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	500	50	ug/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	12/17/2008	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	12/19/2008	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	12/20/2008	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/2008
Collection Date: 12/16/2008

Lab Sample ID: 6907-70236

Sample ID: GP-10, 2-4'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
Fluorene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Phenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	12/20/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: December 18, 2008
Collection Date: December 16, 2009

Lab Sample ID: 6907-70237

Sample ID: GP-12, 5-7'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.44	0.05	mg/Kg	SW846 7131	12/19/2008	LLW
Chromium	3.8	0.5	mg/Kg	SW846 7190	12/19/2008	LLW
Lead	5.7	1	mg/Kg	SW846 7421	12/19/2008	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/19/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/20/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/17/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Tecumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/18/08
Collection Date: 12/16/09

Lab Sample ID: 6907-70237

Sample ID: GP-12, 5-7'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/17/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Toluene	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichloroethene	350	50	µg/Kg	SW846 8260	12/17/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/17/2008	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	12/17/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/17/2008	LLW
PCB Analysis						
Extraction					12/18/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/18/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: December 23, 2008
Collection Date: December 23, 2008

Lab Sample ID: 6922-70377

Sample ID: GP-14, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.39	0.05	mg/Kg	SW846 7131	1/5/2009	LLW
Chromium	6.8	0.5	mg/Kg	SW846 7190	1/5/2009	LLW
Lead	19	1	mg/Kg	SW846 7421	1/5/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/28/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/30/2028	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/28/2008	LLW
n-Butylbenzene	160	50	µg/Kg	SW846 8260	12/28/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroform	120	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/08
Collection Date: 12/23/08

Lab Sample ID: 6922-70377

Sample ID: GP-14, 1-3'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continuec						
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethene	90	50	µg/Kg	SW846 8260	12/28/2008	LLW
cis-1,2-Dichloroethene	230	50	µg/Kg	SW846 8260	12/28/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Ethylbenzene	170	50	µg/Kg	SW846 8260	12/28/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Methyl (tert) butylether (MTBE	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
n-Propylbenzene	300	100	µg/Kg	SW846 8260	12/28/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Tetrachloroethene	5900	50	µg/Kg	SW846 8260	12/28/2008	LLW
Toluene	310	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1-Trichloroethane	3800	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichloroethene	43000	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trimethylbenzene	890	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3,5-Trimethylbenzene	190	100	µg/Kg	SW846 8260	12/28/2008	LLW
Xylenes	1500	150	µg/Kg	SW846 8260	12/28/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/28/2008	LLW
PCB Analysis						
Extraction					12/28/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/7/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: December 23, 2008
Collection Date: December 23, 2008

Lab Sample ID: 6922-70376

Sample ID: GP-15, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	6.1	0.1	mg/Kg	SW846 7060	1/5/2009	LLW
Barium	67	1	mg/Kg	SW846 7081	1/5/2009	LLW
Cadmium	0.18	0.05	mg/Kg	SW846 7131	1/5/2009	LLW
Chromium	6.6	0.5	mg/Kg	SW846 7190	1/5/2009	LLW
Copper	11	1	mg/Kg	SW846 7210	1/5/2009	LLW
Lead	28	1	mg/Kg	SW846 7421	1/5/2009	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/31/2008	GTM
Selenium	2.8	0.2	mg/Kg	SW846 7740	1/5/2009	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	1/5/2009	LLW
Zinc	32	1	mg/Kg	SW846 7950	1/5/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/23/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Anthracene	790	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(a)anthracene	1200	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(b)fluoranthene	1500	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(k)fluoranthene	510	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo (a)pyrene	1200	330	µg/Kg	SW846 8270	12/30/2008	LLW
Chrysene	1500	330	µg/Kg	SW846 8270	12/30/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluoranthene	2900	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
2-Methylnaphthalene	1100	330	µg/Kg	SW846 8270	12/30/2008	LLW
Naphthalene	1800	330	µg/Kg	SW846 8270	12/30/2008	LLW
Phenanthrene	3200	330	µg/Kg	SW846 8270	12/30/2008	LLW
Pyrene	2800	330	µg/Kg	SW846 8270	12/30/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/28/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/08
Collection Date: 12/23/08

Lab Sample ID: 6922-70376

Sample ID: GP-15, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroform	64	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethene	360	50	µg/Kg	SW846 8260	12/28/2008	LLW
cis-1,2-Dichloroethene	1300	50	µg/Kg	SW846 8260	12/28/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Tetrachloroethene	1200	50	µg/Kg	SW846 8260	12/28/2008	LLW
Toluene	110	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1-Trichloroethane	8800	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichloroethene	38000	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trimethylbenzene	220	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Xylenes	930	150	µg/Kg	SW846 8260	12/28/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/28/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/2008
Collection Date: 12/23/2008

Lab Sample ID: 6922-70376

Sample ID: GP-15, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/28/2008	LLW
ARO 1016	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/7/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: December 30, 2008
1/7/2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: December 23, 2008
Collection Date: December 23, 2008

Lab Sample ID: 6922-70378

Sample ID: GP-16, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Cyanide Analysis	ND	1	mg/Kg	SW846 9010	1/5/2009	LLW
Total Metals Analysis						
Arsenic	14	0.1	mg/Kg	SW846 7060	1/5/2009	LLW
Barium	16	1	mg/Kg	SW846 7081	1/5/2009	LLW
Cadmium	1.5	0.05	mg/Kg	SW846 7131	1/5/2009	LLW
Chromium	7.8	0.5	mg/Kg	SW846 7190	1/5/2009	LLW
Copper	6.2	1	mg/Kg	SW846 7210	1/5/2009	LLW
Lead	49	1	mg/Kg	SW846 7421	1/5/2009	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	12/31/2008	GTM
Selenium	0.5	0.2	mg/Kg	SW846 7740	1/5/2009	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	1/5/2009	LLW
Zinc	18	1	mg/Kg	SW846 7950	1/5/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/28/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/28/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
cis-1,2-Dichloroethene	410	50	µg/Kg	SW846 8260	12/28/2008	LLW
trans-1,2-Dichloroethene	67	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/2008
Collection Date: 12/23/2008

Lab Sample ID: 6922-70378

Sample ID: GP-16, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continuec						
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	12/28/2008	LLW
Methyl (tert) butylether (MTBE	ND	250	ug/Kg	SW846 8260	12/28/2008	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	12/28/2008	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
Styrene	ND	50	ug/Kg	SW846 8260	12/28/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
Tetrachloroethene	3300	50	ug/Kg	SW846 8260	12/28/2008	LLW
Toluene	78	50	ug/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	12/28/2008	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/28/2008	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	12/28/2008	LLW
Trichloroethene	7600	50	ug/Kg	SW846 8260	12/28/2008	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	12/28/2008	LLW
Xylenes	310	150	ug/Kg	SW846 8260	12/28/2008	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	12/28/2008	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	12/23/2008	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	12/30/2008	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Bis(2-chloroethyl) ethe	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Bis(2-chloroisopopyl) ethe	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4-Bromophenyl phenyl ethe	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4-Chloro-3-methylpheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW

US EPA ARCHIVE DOCUMENT

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/2008
Collection Date: 12/23/2008

Lab Sample ID: 6922-70378

Sample ID: GP-16, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continuec						
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	12/30/2008	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
2-Chloropheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4-Chlorophenyl phenyl ethe	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	12/30/2008	LLW
2,4-Dichloropheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	12/30/2008	LLW
2,4-Dimethylpheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4,6-Dinitro-2-methylpheno	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
2,4-Dinitropheno	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
2-Methylnapthalene	1400	330	ug/Kg	SW846 8270	12/30/2008	LLW
2-Methylpheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4-Methylpheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Naphthalene	1500	330	ug/Kg	SW846 8270	12/30/2008	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Pentachloropheno	ND	1700	ug/Kg	SW846 8270	12/30/2008	LLW
Phenanthrene	1200	330	ug/Kg	SW846 8270	12/30/2008	LLW
Phenol	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
2,4,6-Trichloropheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW
2,4,5-Trichloropheno	ND	330	ug/Kg	SW846 8270	12/30/2008	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: December 30, 2008

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/2008
Collection Date: 12/23/2008

Lab Sample ID: 6922-70378

Sample ID: GP-16, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					12/28/2008	
ARO 1016	ND	330	ug/Kg	SW846 8081	12/29/2008	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	12/30/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Larri White

Date: 12/30/2008

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: December 23, 2008
Collection Date: December 23, 2008

Lab Sample ID: 6922-70379

Sample ID: GP-17, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.08	0.05	mg/Kg	SW846 7131	1/5/2009	LLW
Chromium	10	0.5	mg/Kg	SW846 7190	1/5/2009	LLW
Lead	8.8	1	mg/Kg	SW846 7421	1/5/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	12/23/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	12/28/2008	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: 12/23/08
Collection Date: 12/23/08

Lab Sample ID: 6922-70379

Sample ID: GP-17, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	12/28/2008	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Styrene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Toluene	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichloroethene	1300	50	µg/Kg	SW846 8260	12/28/2008	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	12/28/2008	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	12/28/2008	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	12/28/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/7/2009

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 7, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48377

Project Name: Techumseh Products
Project Number: 39.02922-8N01
Submit Date: December 23, 2008
Collection Date: December 23, 2008

Lab Sample ID: 6922-70380

Sample ID: GP-18, 20-22'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PNA Analysis						
Extraction:	-	-	-	-	12/23/2008	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	12/30/2008	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/7/2009

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Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 16, 2009
Collection Date: January 14, 2009

Lab Sample ID: 6953-70960

Sample ID: GP-21, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.47	0.05	mg/Kg	SW846 7131	1/19/2009	LLW
Chromium	8.8	0.5	mg/Kg	SW846 7190	1/19/2009	LLW
Lead	46	1	mg/Kg	SW846 7421	1/19/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	1/20/2009	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 01/16/09
Collection Date: 01/14/09

Lab Sample ID: 6953-70960

Sample ID: GP-21, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	75	50	µg/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	4600	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	1600	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	1/19/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/23/2009

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Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 16, 2009
Collection Date: January 14, 2009

Lab Sample ID: 6953-70961

Sample ID: GP-22, 8-10'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.55	0.05	mg/Kg	SW846 7131	1/19/2009	LLW
Chromium	6.8	0.5	mg/Kg	SW846 7190	1/19/2009	LLW
Lead	48	1	mg/Kg	SW846 7421	1/19/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	1/20/2009	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 01/16/09
Collection Date: 01/14/09

Lab Sample ID: 6953-70961

Sample ID: GP-22, 8-10'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	4000	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	5200	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	1/19/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/23/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 16, 2009
Collection Date: January 14, 2009

Lab Sample ID: 6953-70962

Sample ID: GP-23, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.22	0.05	mg/Kg	SW846 7131	1/19/2009	LLW
Chromium	16	0.5	mg/Kg	SW846 7190	1/19/2009	LLW
Lead	50	1	mg/Kg	SW846 7421	1/19/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	1/20/2009	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 01/16/09
Collection Date: 01/14/09

Lab Sample ID: 6953-70962

Sample ID: GP-23, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	260	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	1700	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	1/19/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/23/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 16, 2009
Collection Date: January 14, 2009

Lab Sample ID: 6953-70963

Sample ID: GP-25, 1-2'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	5.6	0.1	mg/Kg	SW846 7060	1/21/2009	LLW
Barium	130	1	mg/Kg	SW846 7081	1/21/2009	LLW
Cadmium	1.8	0.05	mg/Kg	SW846 7131	1/19/2009	LLW
Chromium	11	0.5	mg/Kg	SW846 7190	1/19/2009	LLW
Copper	100	1	mg/Kg	SW846 7210	1/21/2009	LLW
Lead	110	1	mg/Kg	SW846 7421	1/19/2009	LLW
Mercury	ND	0.1	mg/Kg	SW846 7471	1/21/2009	LLW
Selenium	1.2	0.2	mg/Kg	SW846 7740	1/21/2009	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	1/21/2009	LLW
Zinc	160	1	mg/Kg	SW846 7950	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	3400	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/16/2009
Collection Date: 1/14/2009

Lab Sample ID: 6953-70963

Sample ID: GP-25, 1-2'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	8600	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	1/19/2009	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	1/20/2009	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	1/21/2009	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW

US EPA ARCHIVE DOCUMENT

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/16/2009
Collection Date: 1/14/2009

Lab Sample ID: 6953-70963

Sample ID: GP-25, 1-2'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Phenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/16/2009
Collection Date: 1/14/2009

Lab Sample ID: 6953-70963

Sample ID: GP-25, 1-2'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					1/17/2009	LLW
ARO 1016	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: _____

Date: _____

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 15, 2009
Collection Date: January 15, 2009

Lab Sample ID: 6953-70964

Sample ID: GP-26, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.39	0.05	mg/Kg	SW846 7131	1/21/2009	EDW
Chromium	11	0.5	mg/Kg	SW846 7190	1/21/2009	EDW
Lead	89	1	mg/Kg	SW846 7421	1/21/2009	EDW
PNA Analysis						
Extraction:		-	-	-	1/20/2009	EDW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	400	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	500	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	500	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	570	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	610	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	2300	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	1500	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	1700	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/15/2009
Collection Date: 1/15/2009

Lab Sample ID: 6953-70964

Sample ID: GP-26, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
PCB Analysis						
Extraction					1/17/2009	LLW
ARO 1016	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.

Result- The reported concentration in the sample

Analysis Date- Date the analysis was performed

LRL- Lower Reporting Limit- dilutions may affect the LRL.

Reviewed By: Lorri White

Date: 1/23/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 16, 2009
Collection Date: January 15, 2009

Lab Sample ID: 6953-70969

Sample ID: GP-27, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Arsenic	8.3	0.1	mg/Kg	SW846 7060	1/21/2009	LLW
Barium	260	1	mg/Kg	SW846 7081	1/21/2009	LLW
Cadmium	6.6	0.05	mg/Kg	SW846 7131	1/19/2009	LLW
Chromium	16	0.5	mg/Kg	SW846 7190	1/19/2009	LLW
Copper	110	1	mg/Kg	SW846 7210	1/21/2009	LLW
Lead	170	1	mg/Kg	SW846 7421	1/19/2009	LLW
Mercury	0.11	0.1	mg/Kg	SW846 7471	1/21/2009	LLW
Selenium	1.8	0.2	mg/Kg	SW846 7740	1/21/2009	LLW
Silver	ND	0.5	mg/Kg	SW846 7760	1/21/2009	LLW
Zinc	260	1	mg/Kg	SW846 7950	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	200	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	64	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/16/2009
Collection Date: 1/15/2009

Lab Sample ID: 6953-70969

Sample ID: GP-27, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Volatile Analysis-continued						
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Methyene chloride	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	1/19/2009	LLW
Naphthalene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	200	50	ug/Kg	SW846 8260	1/19/2009	LLW
Toluene	230	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	540	50	ug/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	4500	50	ug/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	1/19/2009	LLW
Xylenes	440	150	ug/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	ug/Kg	SW846 8260	1/19/2009	LLW
Semi-Volatile Analysis						
Extraction		-	-	SW846 8270	1/20/2009	LLW
Acenaphthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzidine	ND	1000	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(g,h,I)perylene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroethyl) ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroethyoxy)methane	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-chloroisopopyl) ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Bromophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Butyl benzyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chloro-3-methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chloroaniline	ND	1300	ug/Kg	SW846 8270	1/21/2009	LLW
2-Chloronaphthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Chlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Chlorophenyl phenyl ether	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Dibenzofuran	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Diethyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
3,3'-Dimethylbenzidine	ND	2000	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dimethylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW

US EPA ARCHIVE DOCUMENT

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 1/16/2009
Collection Date: 1/15/2009

Lab Sample ID: 6953-70969

Sample ID: GP-27, 1-3'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Semi-Volatile Analysis-continued						
Dimethylphthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Di-n-butyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4,6-Dinitro-2-methylphenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dinitrophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,6-Dinitrotoluene	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
2,4-Dinitrotoluene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Di-n-octyl phthalate	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(a,h)anthracene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorobenzene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorobutadiene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachlorocyclopentadiene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Hexachloroethane	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Isophorone	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Methylnapthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Methylphenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
3-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
4-Nitroaniline	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
Nitrobenzene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2-Nitrophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
4-Nitrophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
N-Nitrosodi-n-propylamine	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Pentachlorophenol	ND	1700	ug/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Phenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2,4,6-Trichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
2,4,5-Trichlorophenol	ND	330	ug/Kg	SW846 8270	1/21/2009	LLW
PCB Analysis						
Extraction					1/17/2009	
ARO 1016	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	1/17/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: _____

Date: _____

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 15, 2009
Collection Date: January 15, 2009

Lab Sample ID: 6953-70966

Sample ID: GP-28, 21-23'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	0.34	0.05	mg/Kg	SW846 7131	1/21/2009	LLW
Chromium	4.7	0.5	mg/Kg	SW846 7190	1/21/2009	LLW
Lead	27	1	mg/Kg	SW846 7421	1/21/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	1/20/2009	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 01/15/09
Collection Date: 01/15/09

Lab Sample ID: 6953-70966

Sample ID: GP-28, 21-23'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	230	50	µg/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	2900	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	940	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	1/19/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/23/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: January 15, 2009
Collection Date: January 15, 2009

Lab Sample ID: 6953-70967

Sample ID: GP-29, 3-5'

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	1.0	0.05	mg/Kg	SW846 7131	1/21/2009	LLW
Chromium	11	0.5	mg/Kg	SW846 7190	1/21/2009	LLW
Lead	140	1	mg/Kg	SW846 7421	1/21/2009	LLW
PNA Analysis						
Extraction:	-	-	-	-	1/20/2009	KEW
Acenaphthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Acenaphthylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(a)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(b)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(k)fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo(ghi)perylene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Benzo (a)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Chrysene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Dibenzo(ah)anthracene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluoranthene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Fluorene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Phenanthrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Pyrene	ND	330	µg/Kg	SW846 8270	1/21/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	1/19/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW

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Certificate of Analysis

Date: January 23, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8N01
Submit Date: 01/15/09
Collection Date: 01/15/09

Lab Sample ID: 6953-70967

Sample ID: GP-29, 3-5'

Parameters	Result	LRL	Units	Reference	Date	Analyst
Volatile Analysis Continued						
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Hexachlorobutadiene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Isopropylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Methylene chloride	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	µg/Kg	SW846 8260	1/19/2009	LLW
n-Propylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Styrene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Tetrachloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Toluene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trichlorobenzene	ND	330	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,1-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
1,1,2-Trichloroethane	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichloroethene	ND	50	µg/Kg	SW846 8260	1/19/2009	LLW
Trichlorofluoromethane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,3-Trichloropropane	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,2,4-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
1,3,5-Trimethylbenzene	ND	100	µg/Kg	SW846 8260	1/19/2009	LLW
Xylenes	ND	150	µg/Kg	SW846 8260	1/19/2009	LLW
Vinyl chloride	ND	40	µg/Kg	SW846 8260	1/19/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 1/23/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: February 9, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8NO1
Submit Date: 2/4/2009
Collection Date: 2/2/2009

Lab Sample ID: 6981-71251

Sample ID: HB 31, 6"

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
Total Metals Analysis						
Cadmium	9.0	0.05	mg/Kg	SW846 7131	2/5/2009	LLW
Chromium	24	0.5	mg/Kg	SW846 7190	2/5/2009	LLW
Lead	110	1	mg/Kg	SW846 7421	2/5/2009	LLW
PNA Analysis						
Extraction:		-	-	-	2/4/2009	EDW
Acenaphthene	ND	330	µg/Kg	SW846 8270	2/5/2009	LLW
Acenaphthylene	790	330	µg/Kg	SW846 8270	2/5/2009	LLW
Anthracene	2000	330	µg/Kg	SW846 8270	2/5/2009	LLW
Benzo(a)anthracene	3100	330	µg/Kg	SW846 8270	2/5/2009	LLW
Benzo(b)fluoranthene	4700	330	µg/Kg	SW846 8270	2/5/2009	LLW
Benzo(k)fluoranthene	3500	330	µg/Kg	SW846 8270	2/5/2009	LLW
Benzo(ghi)perylene	1900	330	µg/Kg	SW846 8270	2/5/2009	LLW
Benzo (a)pyrene	1400	330	µg/Kg	SW846 8270	2/5/2009	LLW
Chrysene	3900	330	µg/Kg	SW846 8270	2/5/2009	LLW
Dibenzo(ah)anthracene	680	330	µg/Kg	SW846 8270	2/5/2009	LLW
Fluoranthene	13000	330	µg/Kg	SW846 8270	2/5/2009	LLW
Fluorene	730	330	µg/Kg	SW846 8270	2/5/2009	LLW
Indeno(1,2,3-cd)pyrene	2100	330	µg/Kg	SW846 8270	2/5/2009	LLW
2-Methylnaphthalene	ND	330	µg/Kg	SW846 8270	2/5/2009	LLW
Naphthalene	ND	330	µg/Kg	SW846 8270	2/5/2009	LLW
Phenanthrene	5700	330	µg/Kg	SW846 8270	2/5/2009	LLW
Pyrene	11000	330	µg/Kg	SW846 8270	2/5/2009	LLW
Volatile Analysis						
Benzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Bromobenzene	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
Bromochloromethane	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
Bromodichloromethane	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
Bromoform	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
Bromomethane	ND	200	µg/Kg	SW846 8260	2/4/2009	LLW
n-Butylbenzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
sec-Butylbenzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
tert-Butylbenzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Carbon tetrachloride	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Chlorobenzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Chloroethane	ND	250	µg/Kg	SW846 8260	2/4/2009	LLW
Chloroform	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Chloromethane	ND	250	µg/Kg	SW846 8260	2/4/2009	LLW
2-Chlorotoluene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
4-Chlorotoluene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Dibromochloromethane	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
1,2-Dibromo-3-chloropropane	ND	250	µg/Kg	SW846 8260	2/4/2009	LLW

US EPA ARCHIVE DOCUMENT

Certificate of Analysis

Date: February 9, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8NO1
Submit Date: 2/4/2009
Collection Date: 2/2/2009

Lab Sample ID: 6981-71251

Sample ID: HB 31, 6"

Parameters	Result	LRL	Units	Reference	Date	Analyst
1,2-Dibromoethane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Dibromomethane	ND	250	µg/Kg	SW846 8260	2/4/2009	LLW
1,2-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
1,3-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
1,4-Dichlorobenzene	ND	100	µg/Kg	SW846 8260	2/4/2009	LLW
1,1-Dichloroethane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
1,2-Dichloroethane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
1,1-Dichloroethene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
cis-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
trans-1,2-Dichloroethene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
1,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
1,3-Dichloropropane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
2,2-Dichloropropane	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
1,1-Dichloropropene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Ethylbenzene	ND	50	µg/Kg	SW846 8260	2/4/2009	LLW
Hexachlorobutadiene	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
Isopropylbenzene	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
Methylene chloride	ND	250	ug/Kg	SW846 8260	2/4/2009	LLW
Methyl (tert) butylether (MTBE)	ND	250	ug/Kg	SW846 8260	2/4/2009	LLW
n-Propylbenzene	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
Styrene	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
1,1,1,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
1,1,2,2-Tetrachloroethane	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
Tetrachloroethene	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
Toluene	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
1,2,3-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	2/4/2009	LLW
1,2,4-Trichlorobenzene	ND	330	ug/Kg	SW846 8260	2/4/2009	LLW
1,1,1-Trichloroethane	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
1,1,2-Trichloroethane	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
Trichloroethene	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW
Trichlorofluoromethane	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
1,2,3-Trichloropropane	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
1,2,4-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
1,3,5-Trimethylbenzene	ND	100	ug/Kg	SW846 8260	2/4/2009	LLW
Xylenes	ND	150	ug/Kg	SW846 8260	2/4/2009	LLW
Vinyl chloride	ND	50	ug/Kg	SW846 8260	2/4/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 2/9/2009

US EPA ARCHIVE DOCUMENT

Lakeland Laboratories, Inc.
8290 Pettysville Road
Pinckney, MI 48169
Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: February 9, 2009

Customer: ATC Associates
46555 Humboldt Drive
Novi, MI 48375-2422

Project Name: Tecumseh Products
Project Number: 39.02922.8NO1
Submit Date: 2/4/2009
Collection Date: 2/2/2009

Lab Sample ID: 6981-71251

Sample ID: HB-32, 6"

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
PCB Analysis						
Extraction					2/5/2009	LLW
ARO 1016	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1221	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1232	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1242	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1248	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1254	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW
ARO 1260	ND	330	ug/Kg	SW846 8081	2/5/2009	LLW

Parameter- Analysis performed or the name of the chemical analyzed.
Result- The reported concentration in the sample
Analysis Date- Date the analysis was performed
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Analyst- Initials of the analyst performing the analysis
Units- The unit which corresponds to the reported concentration
ND- Parameter not detected above the reported LRL

Reviewed By: Lorri White

Date: 2/9/2009

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