

December 9, 2009

010-15317-03

Robert W. Hare, P.E., CHMM
Director of Environmental
Motors Liquidation Company
500 Renaissance Drive, Suite 1400
Detroit, Michigan 48243

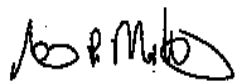
Subject: Phase I Environmental Site Assessment
MLC ID 1306-2
PCC Validation Center Southern Parking Lot
200 South Boulevard West
Pontiac, Michigan

Dear Mr. Hare:

Attached is the Phase I Environmental Site Assessment (ESA) report for the above-referenced property. The conclusions presented in this report are based on the results of a reconnaissance-level site visit conducted by LFR Inc. (LFR) personnel and a review of available and pertinent background information.

LFR appreciates this opportunity to provide our environmental consulting services to you. If you have any questions concerning this project, please contact me at (781) 356-7300.

Sincerely,



Stephen P. McCarthy
Principal Scientist

Attachments

**Phase I Environmental Site Assessment
MLC ID 1306-2
PCC Validation Center Southern Parking Lot
200 South Boulevard West
Pontiac, Michigan**

**December 9, 2009
LFR Project No. 010-15317-03**

Prepared for
Motors Liquidation Company
500 Renaissance Drive, Suite 1400
Detroit, Michigan 48243

Prepared by
LFR Inc.
194 Forbes Road
Braintree, Massachusetts 02184
www.lfr.com

The environmental assessment described herein was conducted by the undersigned, of LFR Inc. (LFR). LFR's investigation consisted solely of the activities described in the Introduction of this report, in accordance with LFR Proposal No. P10-05008-09-718, and is subject to the Terms and Conditions of the Standard Consulting Services Agreement signed prior to initiation of the assessment.

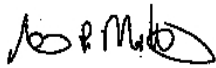
Report Prepared By:



For

Morgan L. Vogt
Senior Staff Geologist

Report Reviewed By:



Stephen P. McCarthy
Principal Scientist

EXECUTIVE SUMMARY

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the PCC Validation Southern Parking Lot property located at 200 South Boulevard West, Pontiac, Michigan (the Site). The Site consists of 42 adjoining lots and covers approximately 7.5 acres of land. The Site is improved with an asphalt parking lot and is currently vacant. The former PCC Validation center was located to the north of the Site across South Boulevard West. Sanborn Fire Insurance maps and aerial photographs identify the Site as undeveloped from 1924 until at least 1949. In 1949, the northern portion of the Site adjacent to South Boulevard was used to park cars and after 1974 the entire Site was paved and utilized as a parking lot.

The purpose of the Phase I ESA is to identify, to the extent feasible pursuant to the processes prescribed in the American Society for Testing and Materials (ASTM) document E 1527-05, recognized environmental conditions (RECs) in connection with the Site.

Conclusion

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 200 South Boulevard West, Pontiac, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed no evidence of RECs associated with the Site.

CONTENTS

EXECUTIVE SUMMARY	II
1.0 INTRODUCTION	1
1.1 Purpose	1
1.2 Detailed Scope of Services	1
1.3 Significant Assumptions.....	2
1.4 Limitations and Exceptions	2
1.5 User Reliance	3
2.0 SITE DESCRIPTION	3
2.1 Location and Legal Description	3
2.2 Site and Vicinity General Characteristics	3
2.3 Current Use of the Site.....	3
2.4 Descriptions of Structures, Roads, and Other Improvements on the Site.....	3
2.4.1 Source of Potable Water	4
2.4.2 Sewage Disposal System.....	4
2.4.3 Heating/Cooling Systems	4
2.4.4 Solid Waste Disposal	4
2.5 Current Uses of Adjoining Properties	4
3.0 USER-PROVIDED INFORMATION	4
3.1 Title Records.....	4
3.2 Environmental Liens or Activity and Use Limitations	5
3.3 Specialized Knowledge	5
3.4 Commonly Known or Reasonably Ascertainable Information	6
3.5 Valuation Reduction for Environmental Issues.....	6
3.6 Owner, Property Manager, and Occupant Information	6
3.7 Reason for Performing Phase I	6

4.0 RECORDS REVIEW	6
4.1 Historical Use Information	6
4.1.1 Previous Environmental Reports	6
4.1.2 Historic Map Review	7
4.1.3 Aerial Photograph Review	7
4.1.4 City Directories	8
4.1.5 Historical Topographic Maps	8
4.1.6 Building/Planning Departments	9
4.1.7 Additional Record Sources	9
4.1.8 Summary of Historical Information	9
4.2 Historical Use Information on Adjoining Properties	9
4.3 Physical Setting	9
4.3.1 Geology	9
4.3.2 Hydrology	10
4.4 Standard Environmental Record Sources – Federal and State	10
4.4.1 Site11	
4.4.2 Federal Environmental Record Sources	12
4.4.3 State and Tribal Environmental Record Sources	13
4.4.4 Orphan Summary	14
4.5 Additional Environmental Records Sources	14
4.5.1 Fire Department	14
4.5.2 Health Department	14
4.5.3 Michigan Department of Environmental Quality	14
5.0 SITE RECONNAISSANCE	15
5.1 Methodology and Limiting Conditions	15
5.2 Current Site Use	15
5.3 Site Observations	15
5.3.1 Underground Storage Tanks (USTs)	15
5.3.2 Aboveground Storage Tanks (ASTs)	15
5.3.3 Hazardous Substance and Petroleum Use	15
5.3.4 Unlabeled Drums/Containers	15

5.3.5 Stained Soil or Pavement	15
5.3.6 Stains or Corrosion	16
5.3.7 Stressed Vegetation	16
5.3.8 Polychlorinated Biphenyls (PCBs)	16
5.3.9 Solid Waste/Dumping	16
5.3.10 Site Drainage.....	16
5.3.11 Pits, Ponds, Lagoons and Pools of Liquid	16
5.3.12 Wastewater	16
5.3.13 Wells	16
5.3.14 Septic Systems	16
5.3.15 Odors	17
5.3.16 Other Observations.....	17
6.0 INTERVIEWS.....	17
6.1 Interview with Owner/Key Site Manager	17
6.2 Site Occupants	17
6.3 Interviews with Local Regulatory Agencies	17
6.4 Interviews with Others	17
7.0 FINDINGS/OPINION	17
7.1 Known or Suspect Environmental Concerns	17
7.2 Historical Recognized Environmental Conditions	18
7.3 De Minimis Conditions	18
8.0 CONCLUSIONS	18
9.0 DEVIATIONS/DATA GAPS	18
10.0 ADDITIONAL SERVICES	18
11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL.....	19
12.0 REFERENCES	20

FIGURES

- 1 Site Vicinity Map
- 2 Site Plan
- 3 USGS Topographic Map

APPENDICES

- A User Questionnaire
- B Historical Research Documentation
- C EDR Radius Map Report
- D Photograph Log
- E Qualifications of Environmental Professionals

1.0 INTRODUCTION

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the PCC Validation Southern Parking Lot property located at 200 South Boulevard West, Pontiac, Michigan (the “Site”). The Site consists of 42 adjoining parcels of land covering an area of approximately 7.5 acres. The Site includes a parking lot on the northern and central portions of the Site and natural vegetation on the southern portion of the Site.

1.1 Purpose

Motors Liquidation Company (the Client) requested that LFR conduct a Phase I ESA of the Site. The objective of the ESA was to identify RECs in connection with the property, to the extent feasible pursuant to the processes prescribed in American Society for Testing and Materials (ASTM) E 1527-05 guidelines. The term “REC” as defined by the ASTM is 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 the 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. 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 that generally do not present a material risk of harm to public 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.

This Phase I ESA includes information gathered from federal, state, and local agencies; personal interviews with people familiar with the Site and surrounding properties; and a site visit conducted by a LFR representative.

1.2 Detailed Scope of Services

The Phase I ESA conducted by LFR included, but was not limited to, the following services:

- a reconnaissance-level visit of the Site to look for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for on-site releases of hazardous materials and petroleum products
- drive-by observations of adjacent properties and the site vicinity
- interviews with people familiar with the Site, as available
- review of regulatory and local agency files, as necessary

- review of historical documents, as available
- preparation of a report presenting our findings, including a summary of conclusions

1.3 Significant Assumptions

The purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the Site consistent with good commercial and customary practice in an effort to minimize liability. LFR also assumes that the information provided by the Client, the regulatory database provider, and regulatory agencies is true and reliable.

1.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by LFR and the original party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. Only the party for whom this report was originally prepared, its lenders, insurers and professionals, and other specifically named parties, may make use of and rely upon the information in this report, in its entirety, for a period not to exceed 180 days in accordance with the American Society for Testing and Materials (ASTM's) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" ASTM Designation E 1527-00 dated May 10, 2000, ASTM's "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" ASTM Designation E 1527-05 dated November 1, 2005, and/or the Code of Federal Regulations (CFR) 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries: Final Rule" dated November 1, 2005. After 180 days and prior to using the information contained herein, the report should be updated in accordance with ASTM Standards and Federal regulations.

The findings presented in this report apply solely to site conditions existing at the time when LFR's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of evaluating the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in ESA conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications, or warranties (express or implied) that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and all applicable laws, codes, regulations, or standards.

1.5 User Reliance

This report is for the exclusive use of Motors Liquidation Company. Use of this report by any other party shall be at such party's sole risk.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Site is located at 200 South Boulevard West, Pontiac, Oakland County, Michigan. The Site is located at the south side of South Boulevard West, approximately 200 feet west of the intersection of Woodward Avenue and South Boulevard West.

Refer to Figure 1 for the location of the Site.

2.2 Site and Vicinity General Characteristics

The Site is an "L"-shaped tract of land that is situated in a mixed commercial, industrial, and residential area on the south side of Pontiac. Commercial and industrial properties are located along the major roads, with residential areas situated on the secondary roads in the area.

2.3 Current Use of the Site

The Site is currently occupied by a vacant, asphalt-paved parking lot at the northern and central portions and by natural vegetation at the southern portion of the Site.

2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

The Site is currently occupied by a vacant parking lot on the northern and central portions and by natural vegetation on the southern portion of the Site. There are no buildings present at the Site.

The Site is connected to the municipal sewer and water utilities and electrical utilities.

Refer to Figure 2 for a plan depicting the layout of the Site.

2.4.1 Source of Potable Water

The City of Pontiac provides drinking water to the Site.

2.4.2 Sewage Disposal System

The Site is serviced by the City of Pontiac municipal sewer system.

2.4.3 Heating/Cooling Systems

There are no buildings at the Site.

2.4.4 Solid Waste Disposal

There are no buildings at the Site and solid waste is not generated at the Site. No evidence of solid waste disposal was observed at the Site.

2.5 Current Uses of Adjoining Properties

The use of the adjoining properties at the time of LFR's investigation is summarized as follows:

- The Site is abutted to the north by South Boulevard West, across which is the former General Motors PCC Validation Center.
- The Site is abutted to the west by Howland Avenue, across which are single-family residences.
- The Site is abutted to the south by Nebraska Avenue, across which are single-family residences.
- The Site is abutted to the east by Hillsmont Avenue, across which are single-family residences, a McDonald's restaurant, Coney Island & Restaurant, and K Liquor.

3.0 USER-PROVIDED INFORMATION

The following items regarding the Site were requested by LFR to the Client's representative. The questionnaire was completed by Robert Hare, Remediation Project Manager for Motors Liquidation Company. Refer to Appendix A for a copy of the questionnaire.

3.1 Title Records

Title records were not provided to LFR for review.

3.2 Environmental Liens or Activity and Use Limitations

Mr. Robert Hare was asked the following questions as part of the assessment:

- Is he aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? **Answer:** No
- Is he aware of any activity or land use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? **Answer:** Unknown

3.3 Specialized Knowledge

Mr. Robert Hare was asked the following questions as part of the assessment:

- Does he have any specialized knowledge or experience related to the property or nearby properties? For example, are they involved in the same line of business as the current or former occupants of the property or an adjoining property so that they would have specialized knowledge of the chemicals and processes used by this type of business? **Answer:** Yes. "Information relative to previous subsurface investigations at the [northerly adjacent] Validation site is available from CRA."
- Is he 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,
- Does he know the past uses of the property? **Answer:** No
- Does he know of specific chemicals that are present or once were present at the property? **Answer:** No
- Does he know of spills or other chemical releases that have taken place at the property? **Answer:** No
- Does he know of any environmental cleanups that have taken place at the property? **Answer:** No
- Does he know if any fill materials have been imported to the Site? **Answer:** No
- Does he know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown
- Does he know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown
- Does he know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? **Answer:** Unknown

3.4 Commonly Known or Reasonably Ascertainable Information

Mr. Robert Hare was asked the following question as part of the assessment:

- Based on his knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? **Answer: Unknown**

3.5 Valuation Reduction for Environmental Issues

An analysis of a hypothetical prospective purchase price of the Site has not been conducted.

3.6 Owner, Property Manager, and Occupant Information

According to the Oakland County Assessor's Office, the Site is owned by GMC Truck Group. The Site is managed by Motors Liquidation Company.

3.7 Reason for Performing Phase I

The purpose of this Phase I ESA is to provide appropriate inquiry into the previous ownership and use of the Site consistent with good commercial and customary practice in an effort to minimize liability.

4.0 RECORDS REVIEW

The following sections provide information regarding the regulatory status and history of the Site and vicinity developed from information available from local, state and federal agencies and ASTM Standard Historical Sources. It also provides topographic, hydrologic and soil conditions in the area of the Site.

4.1 Historical Use Information

4.1.1 Previous Environmental Reports

The Client did not provide LFR with previous environmental reports for the Site.

4.1.2 Historic Map Review

LFR reviewed Sanborn Fire Insurance (Sanborn) maps provided by EDR for the years 1924, 1950, and 1970.

The 1924 Sanborn map depicts the Site as occupied by vacant, residential lots; however, there are no structures at the Site. Residential zoning and residential structures appear in the vicinity of the Site. Property to the north of the Site across South Boulevard West is not identified on the 1924 map.

The 1950 Sanborn map is similar to the 1924 map and there are no structures depicted at the Site. Residential structures are depicted in the vicinity of the Site. Property to the north of the Site across South Boulevard West is not identified on the 1950 map.

The 1970 Sanborn map depicts the Site as occupied by a GM parking lot. Property surrounding the Site to the east, south, and west is occupied by residential structures. Property to the north of the Site across South Boulevard West is not identified on the 1970 map.

Copies of the Sanborn maps are included in Appendix B.

4.1.3 Aerial Photograph Review

LFR reviewed historical aerial photographs provided by EDR for the years 1937, 1940, 1949, 1957, 1961, 1967, 1972, 1980, 1993, 2000, and 2005.

The 1937 photograph shows two small residential-type structures at the west-central portion of the Site. The remainder of the Site appears to be undeveloped with the exception of a road which extends west to east across the central portion of the Site. Residential structures appear to the south, east and west and several large industrial buildings likely associated with the General Motors PCC Validation Center are located across South Boulevard West to the north of the Site.

The 1940 photograph depicts the Site as undeveloped land with a roadway extending west to east across the central portion of the Site. The residential-type structures are no longer present at the west-central portion of the Site. Similar to the 1937 photograph, properties abutting the Site to the south, east, and west appear to be occupied by residential structures. Property to the north across South Boulevard West appears occupied by several large industrial buildings likely associated with the General Motors PCC Validation Center.

The 1949 photograph shows parked automobiles at the northern portion of the Site. Property to the south, east and west appears to be residential, and land to the north appears to be occupied by several industrial buildings likely associated with the General Motors PCC Validation Center.

The 1957 and 1961 photographs show the Site to be graded and the northern portion of the Site to be used for automobile parking. The southern portion of the Site appears to be graded or developed. Property to the south and west appears to be occupied by residences, property to the east appears to be residential and commercial, property to the north across South Boulevard West appears occupied by several large industrial buildings likely associated with the General Motors PCC Validation Center.

The 1967 and 1972 photographs depict access roads at the Site for the parking areas. Property in the vicinity of the Site is similar to the 1957 and 1961 aerial photographs.

The 1980 and 1993 photographs depict the Site as occupied by a paved parking lot on the north and central portions of the Site. The southern portion of the Site appears to be graded. The areas surrounding the Site remain unchanged.

The 2000 and 2005 aerial photographs depict the Site as observed by LFR during the site visit. Properties in the vicinity of the Site are similar to the 1980 and 1993 photographs; however, many of the buildings associated with the General Motors PCC Validation Center to the north have been demolished.

Copies of the above-referenced aerial photographs are included in Appendix B.

4.1.4 City Directories

LFR contracted EDR to conduct a city directory search for the Site and surrounding area. EDR reviewed city directories for the Site for the years 1922 through 2007 in approximately five-year intervals, as available. The Site address was only listed in 1999, and the company listed was not present at the Site.

The EDR report also presents listings for other nearby South Boulevard addresses. The listings include both residential and commercial properties. No environmentally significant listings were found in the immediate area of the Site.

The EDR City Directory Abstract is included in Appendix B.

4.1.5 Historical Topographic Maps

Topographic maps were obtained from EDR for the years 1907, 1943, 1952, 1968, 1973, 1983, and 1997.

The topographic maps show the Site and surrounding areas to be in a developed area. There are no buildings or development depicted on the Site. The areas east, south and west of the Site are shown to be developed. The area north of the Site is shown to be developed in the 1907 map and is occupied by an industrial structure from 1943 through 1997.

The EDR Topographic Map report is included in Appendix B.

4.1.6 Building/Planning Departments

LFR contacted the Pontiac Building and Planning Departments to review available records on file for the Site. At the time of this report, a response has not been received.

4.1.7 Additional Record Sources

No additional record sources were reviewed in the course of this assessment.

4.1.8 Summary of Historical Information

The Site has been undeveloped from 1924 until at least 1949. In 1949, the northern portion of the Site adjacent to South Boulevard West was used for vehicle parking and after 1974. Paved parking is the land use present today.

4.2 Historical Use Information on Adjoining Properties

A review of available historical information indicates that the adjoining properties have been occupied by a mixture of residential and commercial/industrial purposes. The adjoining properties to the west, east, and south have been occupied mainly by residences. The property to the north across South Boulevard West appears to have been historically occupied by the General Motors PCC Validation Center.

4.3 Physical Setting

4.3.1 Geology

4.3.1.1 Surface Features

According to topographic information (Pontiac South USGS Quadrangle Map), the Site elevation is approximately 961 feet. Topographically, the Site and surrounding area is relatively flat with a slight slope to the northwest.

4.3.1.2 Subsurface Features

According to the EDR report, the subsurface soil at the Site consists of Urban Soil. Urban Soils have been disturbed by manmade activities that the original characteristics of the soil are no longer retained.

4.3.2 Hydrology

4.3.2.1 Surface Water

There was no surface water visible at the Site or surrounding properties. Surface water flow in the area is largely controlled by artificial structures along roadways and in paved areas. The regional flow is anticipated to be to the northwest, towards Crystal Lake, which is located approximately 2,400 feet northwest of the Site.

4.3.2.2 Groundwater

Groundwater flow is anticipated to be to the northwest, towards Crystal Lake.

4.4 Standard Environmental Record Sources – Federal and State

LFR contracted with EDR to conduct a search of state and federal regulatory databases to identify recorded concerns for the Site and surrounding properties. The databases were searched to the approximate minimum search distances as specified in ASTM Standard Practice E 1527-05, "Phase I Environmental Site Assessment Process." The database search is provided as Appendix C.

Review of the EDR report revealed the following pertinent information.

Database	Search Radius	Site	Adjacent	0 – 1/8 mile	1/8 – ¼ mile	¼ - ½ mile	½ - 1 mile
NPL	1 mile	No	0	0	0	0	0
Delisted NPL	1 mile	No	0	0	0	0	0
CERCLIS	0.50 mile	No	0	0	0	0	-
CERCLIS-NFRAP	0.50 mile	No	0	0	1	0	-
RCRA CORRACTS	1 mile	No	1	0	0	0	0
RCRA TSD	0.50 mile	No	1	0	0	0	-
RCRA Generators	Site & adjacent	No	1	-	-	-	-
ERNS Site	Site	No	-	-	-	-	-
US IC/EC Registries	Site	No	-	-	-	-	-
SHWS	1 mile	No	0	0	0	0	2
State & Tribal SWF/LF	0.50 mile	No	0	0	0	0	-
State & Tribal LUST	0.50 mile	No	0	1	0	4	-
State & Tribal USTs	Site & adjacent	No	0	-	-	-	-
State ASTs	Site & adjacent	No	1	-	-	-	-
State IC/ EC Registry	Site	No	-	-	-	-	-
State Brownfields	0.50 mile	No	0	0	0	0	-
Indian VCP	0.50 mile	No	0	0	0	0	-
BEA	0.50 mile	No	0	0	1	3	-
Spills	Site	No	-	-	-	-	-
Drycleaners	0.25 mile	No	0	0	0	-	-

4.4.1 Site

The Site address in the EDR report is identified as the same address as the General Motors PCC Validation property located across South Boulevard West to the north of the Site. Therefore, the subject Site was not identified on the databases searched by EDR.

4.4.2 Federal Environmental Record Sources

EDR did not identify facilities within the applicable radius for the Federal databases searched, except for the following:

CERCLIS – NFRAP

EDR identified one CERCLIS-NFRAP facility within 0.5 mile of the Site.

Pontiac Medical Associates Mercury Spill at 44696 Woodward Avenue is located approximately 1,050 feet to the southeast and is expected to be hydraulically downgradient of the Site. The database listing is currently classified as “No Site Assessment Work Needed,” and is listed as Archived. Based on its regulatory status and distance from the Site, this facility does not appear to represent an environmental concern to the Site at this time.

CORRACTS/RCRA TSDF/RCRA-SQG

General Motors Co North American Truck Group Validation Center at 200 South Boulevard West is located adjacent to the north and is expected to be hydraulically crossgradient of the Site. The facility is listed on the CORRACTS, RCRA TSDF, and RCRA SQG databases. The property has been listed as a RCRA SQG since 1980. Corrective action at the facility was assigned by the US EPA as a low priority status in 1994. The facility has 16 listed violations between 1988 and 2004, all of which were issued as informal citations. Additionally, the facility is no longer active. Based on the low priority corrective action status and the closed status of the facility, this facility does not appear to represent an environmental concern to the Site at this time.

State Hazardous Waste Sites (SHWS)

EDR identified two SHWS facilities within one mile of the Site.

Akzo Nobel Coatings Inc. at 120 Franklin Road is located approximately 2,700 feet to the northwest and is expected to be hydraulically upgradient of the Site. The database listing is currently classified as “Evaluation in Progress.” Although this property is expected to be hydraulically upgradient of the Site, based on its distance this facility does not appear to represent an environmental concern to the Site at this time.

City of Pontiac at 55 Wesson Street is located approximately 5,000 feet to the northwest and is expected to be hydraulically upgradient of the Site. The database listing is currently classified as “Interim Response in Progress.” Although this property is expected to be hydraulically upgradient of the Site, based on its distance this facility does not appear to represent an environmental concern to the Site at this time.

A compilation of Federal database listings is provided in the EDR Radius Map Report provided in Appendix C.

4.4.3 State and Tribal Environmental Record Sources

EDR did not identify facilities within the applicable radii for the State and Tribal databases searched, except for the following:

Leaking Underground Storage Tank (LUST) Sites

EDR identified five LUST sites within 0.50-miles of the subject Site. Four of the facilities are more than a quarter mile away from the Site, while two of the facilities are closed. Only one facility is within a quarter mile of the Site and is active:

Pontiac Fuel, Inc. at 45054 Woodward Avenue is located approximately 260 feet to the northeast and is expected to be hydraulically crossgradient of the Site. According to the EDR report, a gasoline release was reported at this facility on May 8, 2003. The database listing is currently classified as “Open.” Based on the identification of a responsible party for the release and direction relative to the inferred groundwater flow, this facility does not appear to represent an environmental concern to the Site at this time.

Aboveground Storage Tank (AST) Sites

GM-Pontiac Centerpointe Campus at 200 South Boulevard West is located across South Boulevard West to the north and is expected to be hydraulically crossgradient of the Site. According to the EDR report, four aboveground storage tanks (ASTs) were installed at the facility in 1996 and include of three 5,000-gallon gasoline ASTs and one 1,500-gallon gasoline AST. The database reports that the ASTs are “currently in use.” No releases have been reported in association with the ASTs. Based on the closed status of the facility, this facility does not appear to represent an environmental concern to the Site at this time.

Baseline Environmental Assessments

EDR identified 4 BEA facilities within 0.5 mile of the Site. Three of the facilities are greater than 0.25 mile from the Site, while one facility is within 0.25 mile of the Site:

Heat Treat Services, Inc. at 245 South Boulevard is located approximately 740 feet to the east and is expected to be hydraulically crossgradient of the Site. According to the EDR report, there are no hazardous substances at the facility. Based on the regulatory status, the identification of a responsible party and direction relative to the inferred groundwater flow, this facility does not appear to represent an environmental concern to the Site at this time.

A compilation of the State and Tribal database listings is provided in the EDR Radius Map Report provided in Appendix C.

4.4.4 Orphan Summary

LFR reviewed the “Orphan Summary” section of the EDR Radius Map report, which is a list of sites that could not be properly located due to inadequate or incorrect information provided by the reporting agency. The 26 facilities listed in the Orphan summary do not appear to be located within the Approximate Minimum Search Distance for the above-referenced Federal and State regulatory databases.

4.5 Additional Environmental Records Sources

4.5.1 Fire Department

LFR contacted the City of Pontiac Fire Department and there were no records available for the Site.

4.5.2 Health Department

LFR contacted the Oakland County Health Department and no records were available for the Site.

4.5.3 Michigan Department of Environmental Quality

LFR contacted the Michigan Department of Environmental Quality (MDEQ), which did not identify any records on file for the Site pertaining to ASTs, USTs or the storage or release of OHM.

MDEQ provided records for the nearby General Motors PCC Validation Center. A letter dated May 9, 2002 indicates that an inspection was conducted at the facility on May 9, 2009 and found that the facility was in compliance with the Michigan Fire Prevention Code, that the facility was certified, and that all violations for the facility have been corrected. Also provided was a notification data for ASTs showing that three 5,000-gallon ASTs and one 1,500-gallon AST were installed at the facility in 1996.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ms. Morgan Vogt of LFR visited the Site on October 20, 2009. Mr. Sam Solomon, the facility manager was present. The weather at the time of LFR's investigation was cool and sunny, with a temperature of approximately 50 degrees Fahrenheit. LFR inspected the entire Site. Photographs are included in Appendix D.

5.2 Current Site Use

The Site is occupied by a vacant parking lot on the northern and central portions and natural vegetation on the southern portion. There are no buildings or operations at the Site.

5.3 Site Observations

5.3.1 Underground Storage Tanks (USTs)

LFR did not observe fill pipes, vent pipes or other evidence of USTs on the Site.

5.3.2 Aboveground Storage Tanks (ASTs)

LFR did not observe evidence of ASTs at the Site.

5.3.3 Hazardous Substance and Petroleum Use

LFR did not observe hazardous substances or petroleum products being used or stored at the Site.

5.3.4 Unlabeled Drums/Containers

LFR did not observe unlabeled drums or containers at the Site.

5.3.5 Stained Soil or Pavement

LFR did not observe stained soil or pavement at the Site.

5.3.6 Stains or Corrosion

LFR did not observe stains or corrosion at the Site.

5.3.7 Stressed Vegetation

LFR did not observe evidence of stressed vegetation at the Site.

5.3.8 Polychlorinated Biphenyls (PCBs)

LFR observed one pole-mounted electric transformer on the northwest side of the Site. The transformer appeared to be in good condition with slight rusting. There was no evidence of staining or leaking. LFR did not observe other electrical or hydraulic equipment at the Site suspected to contain PCBs.

5.3.9 Solid Waste/Dumping

LFR did not observe evidence of solid waste or dumping at the Site.

5.3.10 Site Drainage

Surface water on the Site is directed to the north and west along the adjacent roadways. LFR did not observe standing water or catch basins at the Site.

5.3.11 Pits, Ponds, Lagoons and Pools of Liquid

LFR did not observe pits, ponds, lagoons or pools of liquid on the Site.

5.3.12 Wastewater

LFR did not observe processes at the Site that generated wastewater.

5.3.13 Wells

LFR did not observe monitoring wells, dry wells, irrigation wells, injection wells, or abandoned wells at the Site.

5.3.14 Septic Systems

LFR did not observe evidence of septic systems or cesspools at the Site.

5.3.15 Odors

LFR did not note readily noticeable strong, pungent, or noxious odors at the time of the site visit.

5.3.16 Other Observations

No other significant Site observations were noted at the time of the site visit.

6.0 INTERVIEWS

6.1 Interview with Owner/Key Site Manager

LFR interviewed Mr. Sam Solomon, Property Manager, and Mr. Robert Hare, Remediation Project Manager at the time of the assessment. Information provided by these individuals is presented throughout the report.

6.2 Site Occupants

The Site is currently occupied by a vacant parking lot.

6.3 Interviews with Local Regulatory Agencies

Research conducted at local regulatory offices has been summarized in Sections 4.5. No additional interviews with local regulatory agencies were conducted.

6.4 Interviews with Others

No additional interviews were conducted as part of this assessment.

7.0 FINDINGS/OPINION

This section identifies known or suspect environmental concerns, historical environmental concerns, and *de minimis* conditions obtained during the ESA.

7.1 Known or Suspect Environmental Concerns

LFR did not identify any known or suspect environmental concerns.

7.2 Historical Recognized Environmental Conditions

No historical RECs were identified in the course of this investigation.

7.3 De Minimis Conditions

LFR did not identify any *de minimis* environmental conditions at the Site.

8.0 CONCLUSIONS

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 200 South Boulevard West, Pontiac, Oakland County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed no evidence of RECs in connection with the Site.

9.0 DEVIATIONS/DATA GAPS

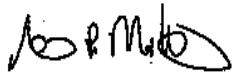
LFR did not identify any deviations or data gaps.

10.0 ADDITIONAL SERVICES

No additional services were provided as part of the Phase I ESA.

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 C.F.R. 312. 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.



Stephen P. McCarthy
Principal Scientist

 For

Morgan L. Vogt
Senior Staff Geologist

12.0 REFERENCES

City of Pontiac

- Fire Department
- Building Department

Oakland County

- Health Department
- Assessor's Office

State of Michigan

- Michigan Department of Environmental Quality

Reports, Plans and Other Documents Reviewed:

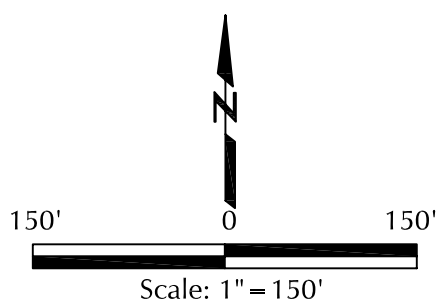
EDR:

- *The EDR Aerial Photo Decade Package*, Inquiry Number 2601306.5, September 30, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Radius Map with GeoCheck*, Inquiry Number 2601306.2s, September 28, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Sanborn Map Report*, Inquiry Number 2601306.3, September 28, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Topographic Map Report*, Inquiry Number 2601306.4, September 28, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR City Directory Abstract*, Inquiry Number 2601306.6, October 1, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.

Oakland County

- Assessor's Map
- Property Card
- Tax Parcel ID
- Ownership Data

FIGURES

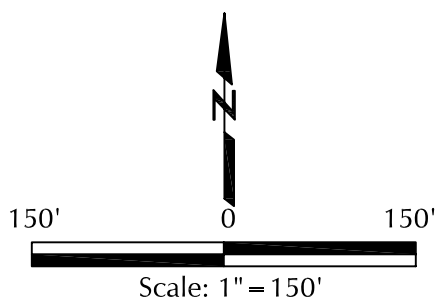
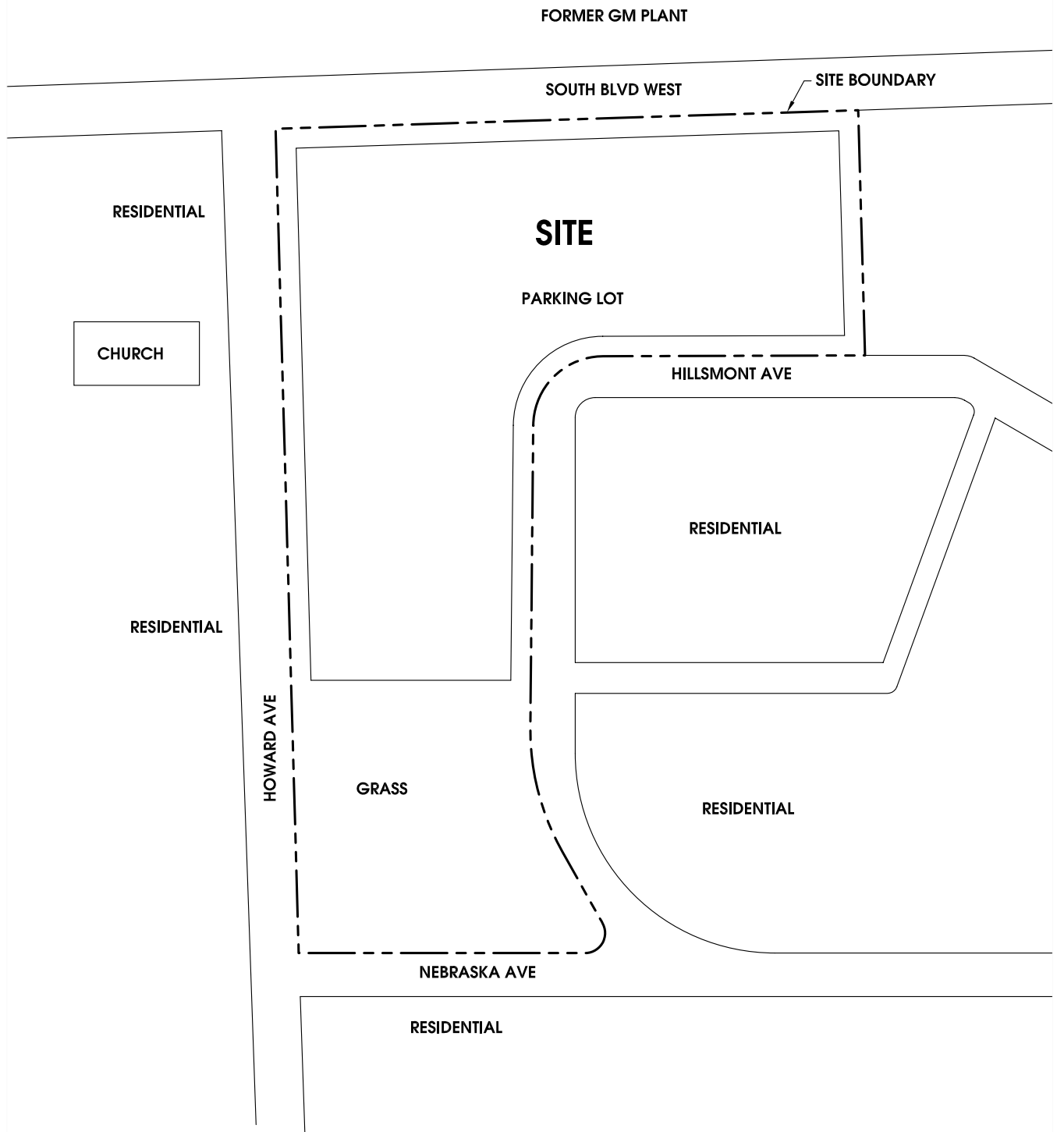


Site Vicinity Map

200 South Blvd. West
Pontiac, Michigan

Figure 1

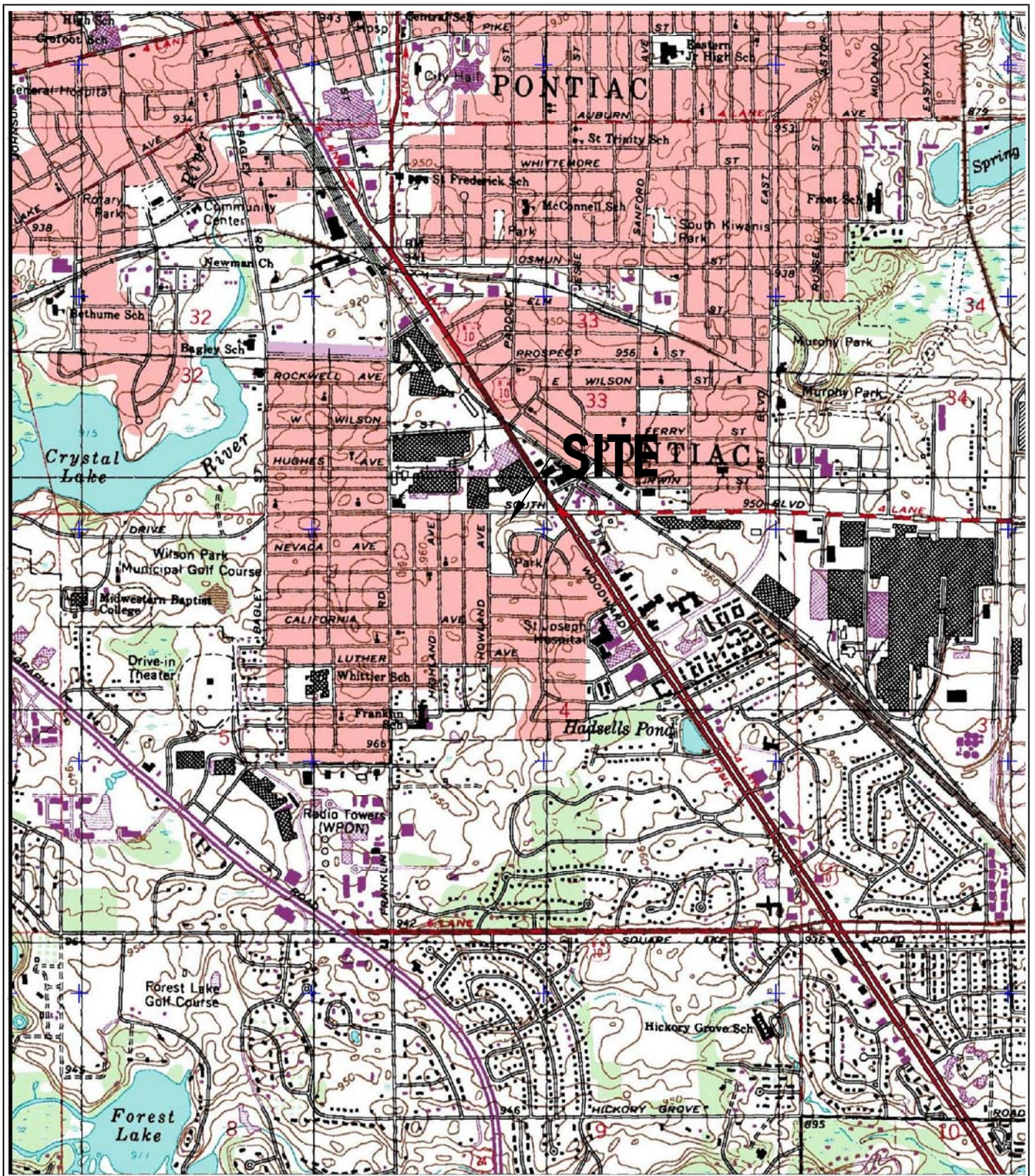
G:\Clients\MLC\Pontiac PCC Validation\Technical\Drawings



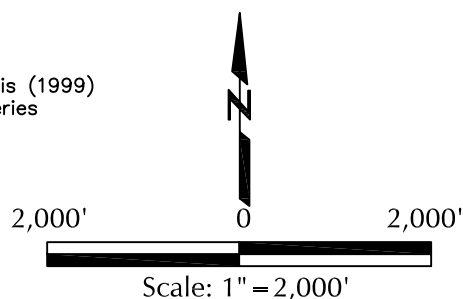
Site Plan

200 South Blvd. West
Pontiac, Michigan

Figure 2



Source:
Pontiac South, Illinois (1999)
USGS 7.5 Minute Series
Quadrangle Map



Topo Map

200 South Blvd. West
Pontiac, Michigan

Figure 3

APPENDIX A

User Questionnaire



ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

Phase I Environmental Site Assessment Questionnaire

(User Provided Information Questionnaire)

Date: October 19, 2009 _____

Site Name: South Blvd. parking lot

Your Name: Robert W. Hare

Site Location: Pontiac, MI

Your Title: Remediation Project Manager

Relationship to Site: ☐ Owner ☐ Occupant ☐ Purchaser ☒ Other

Length of Time Associated with Site: 45 Days

Please review and complete this questionnaire which will assist LFR in completing our site assessment. If sufficient space is not provided, please complete your response on a separate sheet of paper and attach it to this questionnaire.

1. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

2. Are you aware of any activity or land use limitations, such as engineering controls (for contaminant control), land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: Not sure, but use of Groundwater restriction may be in place _____

3. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Information relative to previous subsurface investigations at the Validation site is available from CRA.



4. Are you aware of commonly known or reasonably ascertainable information about the Site 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 Site?

Yes ☐ X No ☒ Unknown ☐ N/A ☐

If Yes, please explain: Information available from Arcadis

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

Yes ☐ X No ☒ Unknown ☐ N/A ☐

If Yes, please explain: Auto maintenance training facility. USTs removed. Contact Arcadis for information.

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

Yes ☐ X No ☒ Unknown ☐ N/A ☐

If Yes, please explain: Yes. See prior work conducted by Arcadis

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

☐ Yes ☒ X No ☐ Unknown ☐ N/A ☐

If Yes, please explain: Investigations only to date.

5. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site?

☐ Yes ☒ X No ☐ Unknown ☐ N/A ☐

If Yes, please explain: _____



6. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: Possible Michigan UST program? _____

7. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

☐ Yes ☒ No ☐ Unknown ☐ N/A

If Yes, please explain: Contact Arcadis to confirm

8. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: Reference subsurface investigations performed to date.

9. Does the Site's purchase price reasonably reflect the fair market value of the property?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If No, do you know the reason for lower purchase price? Is it possible that the lower purchase price is because of contamination known or believed to be present at the Site?

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

APPENDIX B

Historical Research Documentation

Aerial Photographs

1306-2 PCC Validation South Parking Lot

200 South Boulevard West

Pontiac, MI 48341

Inquiry Number: 2601306.5

September 30, 2009

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

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 OF 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 or forecast 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.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

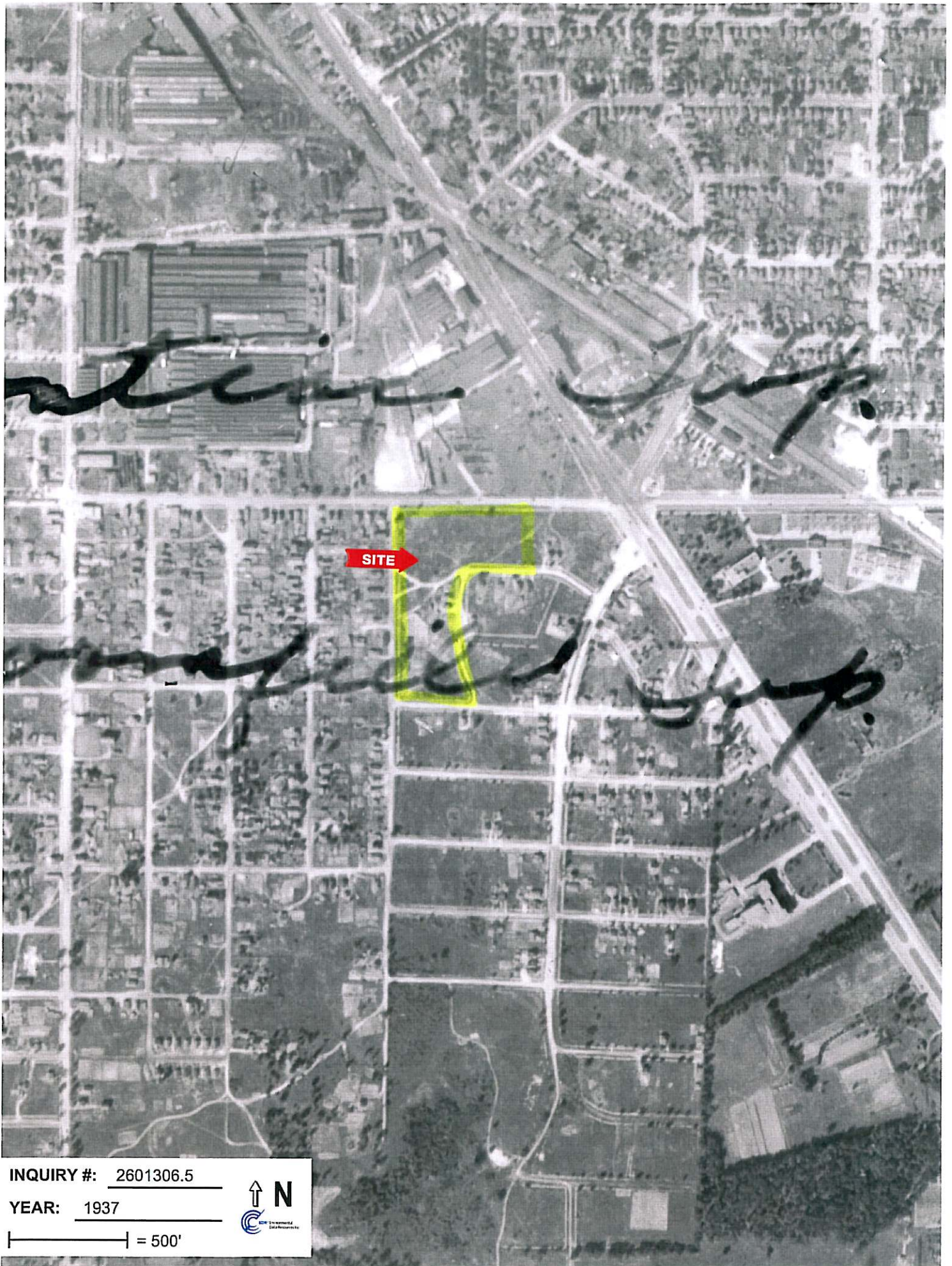
Aerial Photography September 30, 2009

Target Property:

200 South Boulevard West

Pontiac, MI 48341

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Flight Year: 1937 Best Copy Available from original source	AAA
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Detroit Edison
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	CSS
1961	Aerial Photograph. Scale: 1"=500'	Flight Year: 1961	Detroit Edison
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	Detroit Edison
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	SEMCOG
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	SEMCOG
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR

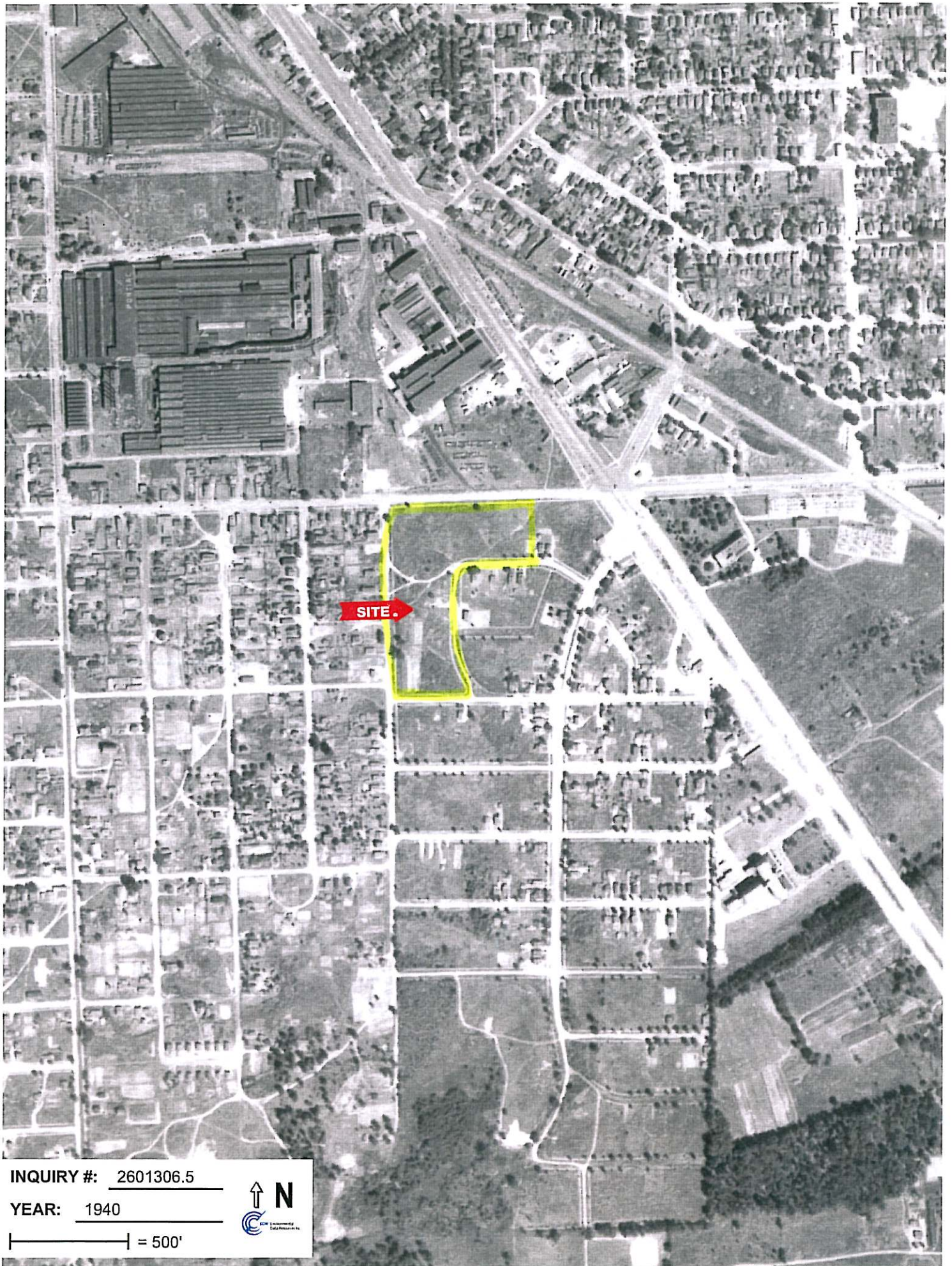


INQUIRY #: 2601306.5

YEAR: 1937

| = 500'



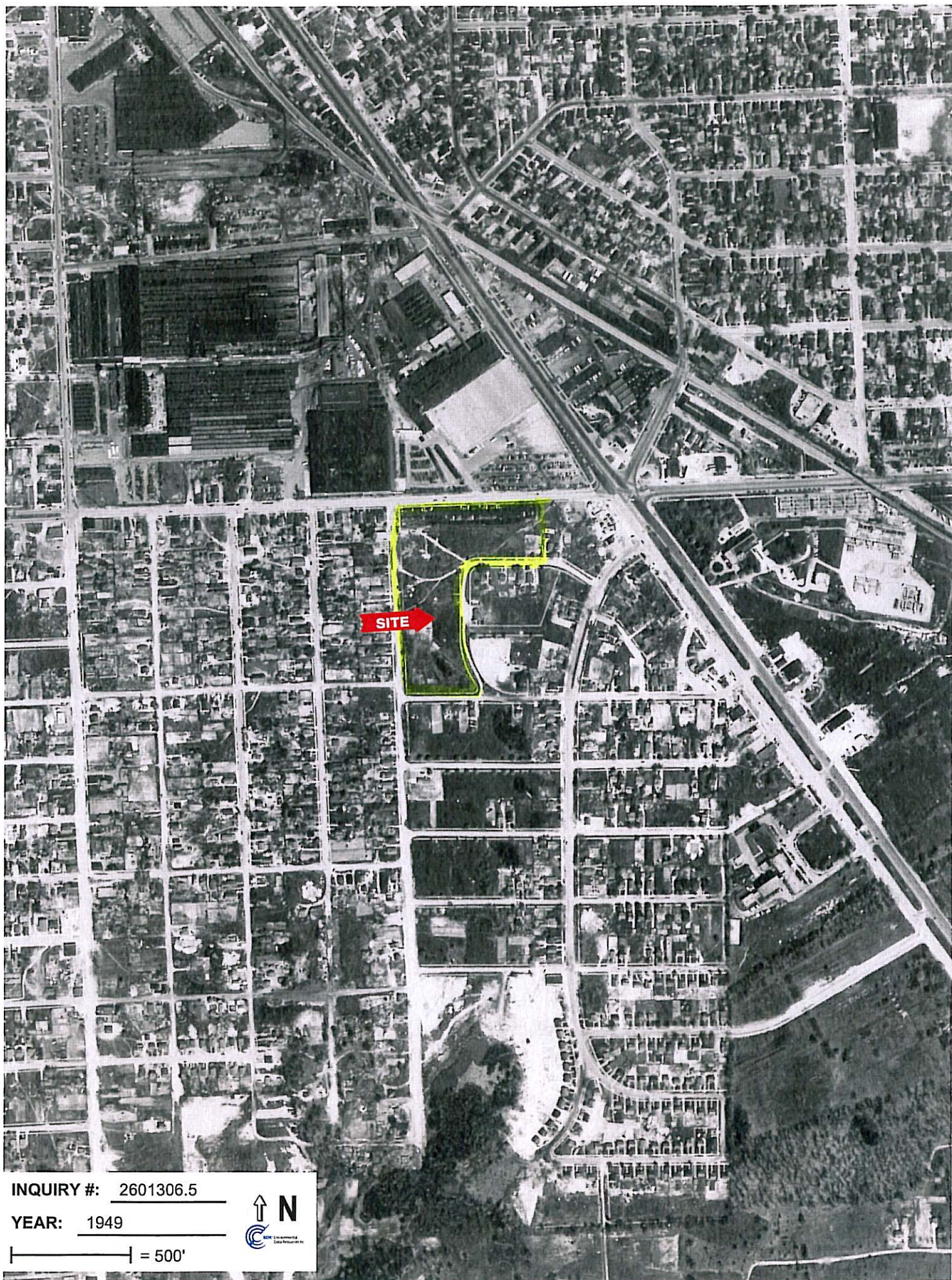


INQUIRY #: 2601306.5

YEAR: 1940

| = 500'



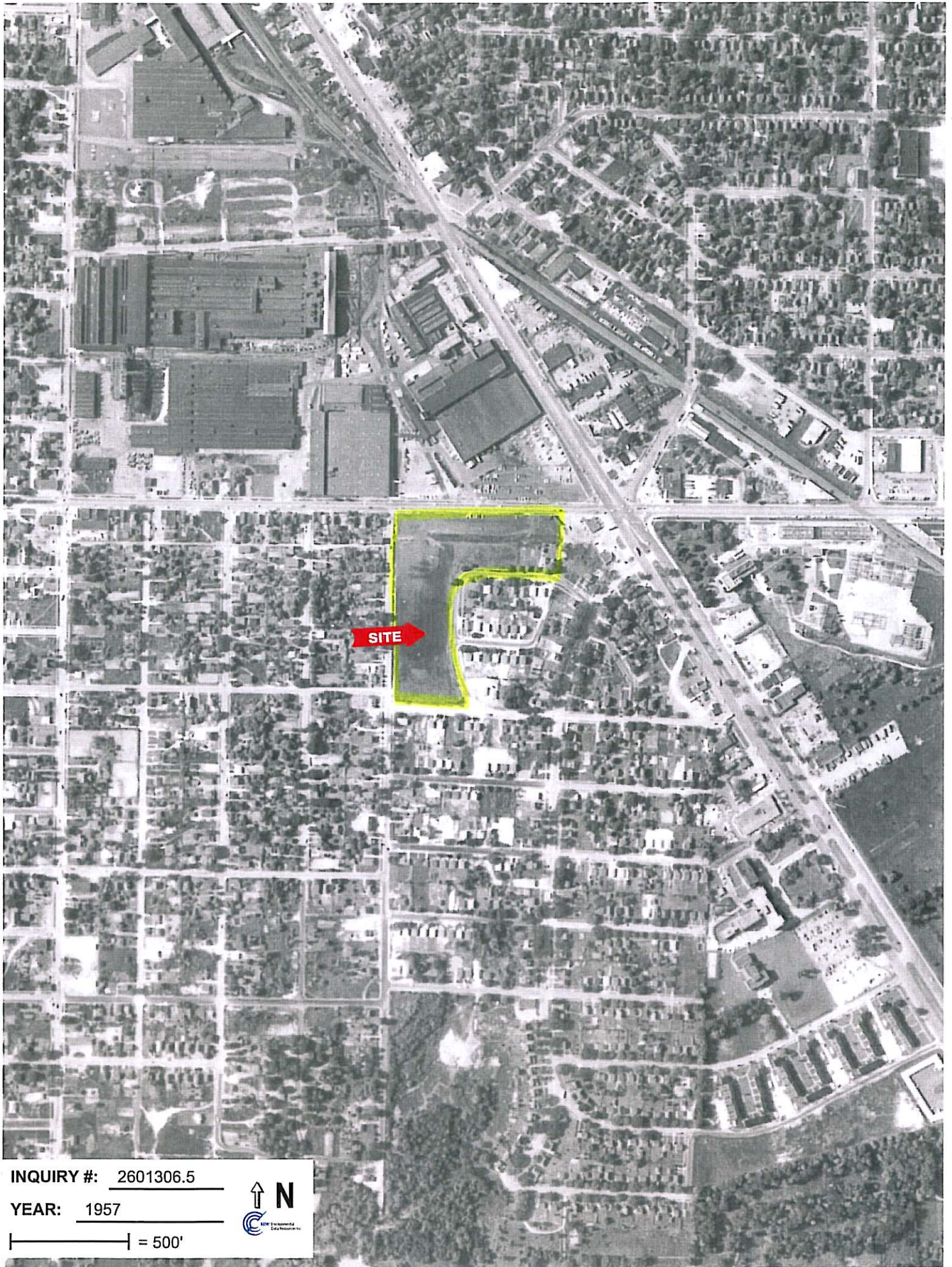


INQUIRY #: 2601306.5

YEAR: 1949

| = 500'





INQUIRY #: 2601306.5

YEAR: 1957

| = 500'



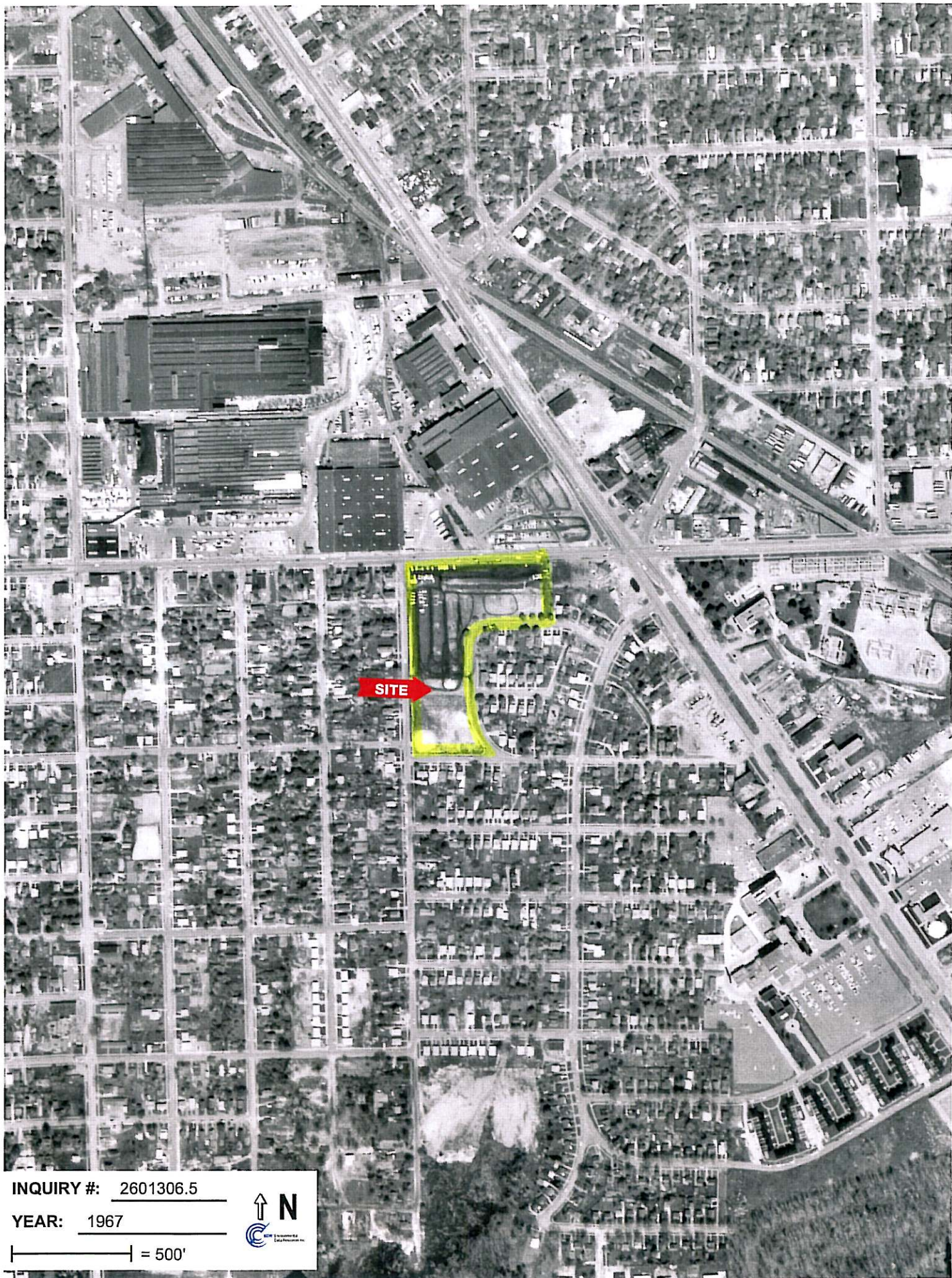


INQUIRY #: 2601306.5

YEAR: 1961

| = 500'



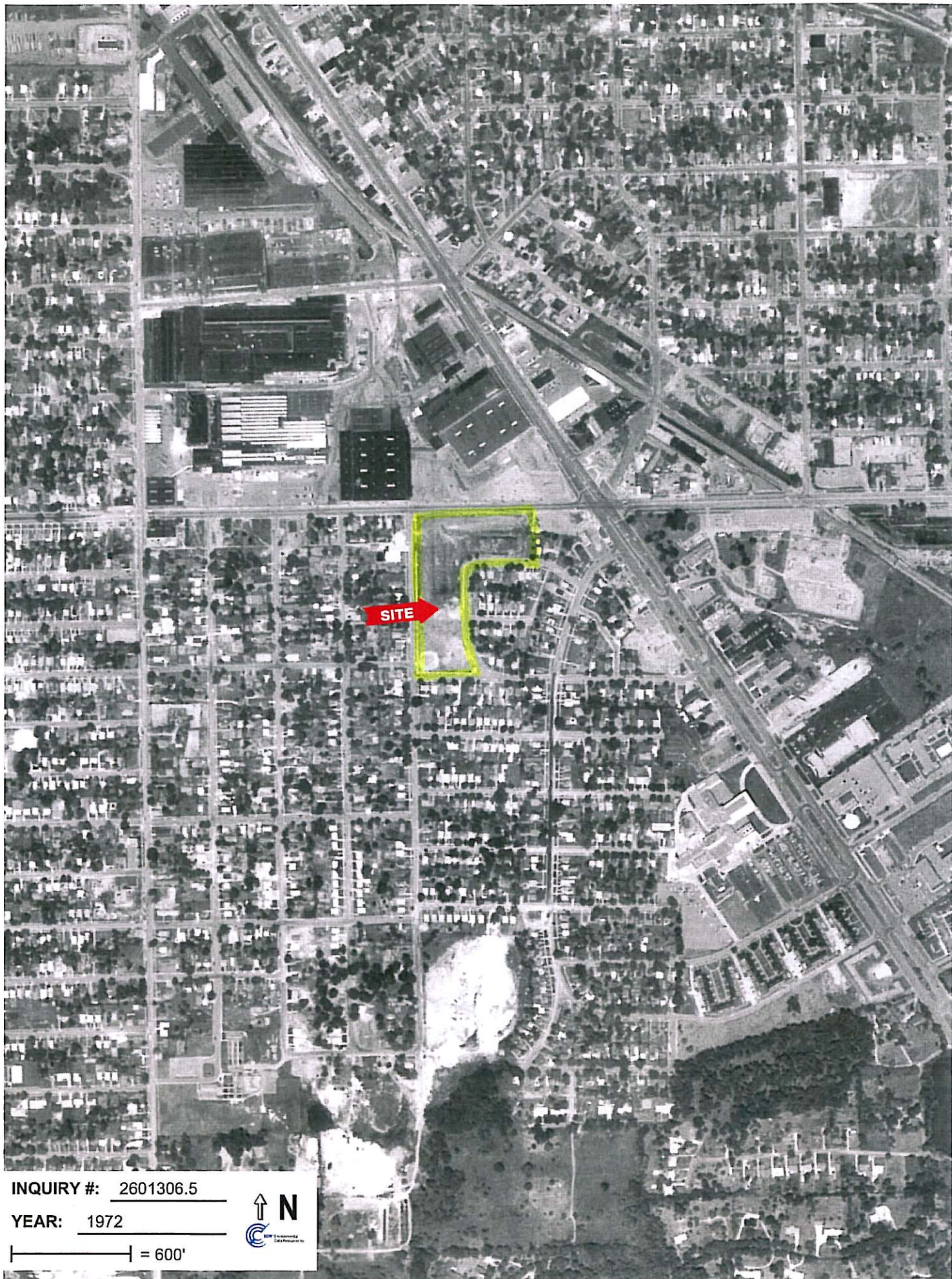


INQUIRY #: 2601306.5

YEAR: 1967

| = 500'





INQUIRY #: 2601306.5

YEAR: 1972

| = 600'



SEMCOG

SITE

INQUIRY #: 2601306.5

YEAR: 1980

| = 500'





INQUIRY #: 2601306.5

YEAR: 1993

| = 600'





SITE

INQUIRY #: 2601306.5

YEAR: 2000

1" = 500'





INQUIRY #: 2601306.5

YEAR: 2005

| = 604'



Sanborn Maps

1306-2 PCC Validation South Parking Lot

200 South Boulevard West

Pontiac, MI 48341

Inquiry Number: 2601306.3

September 28, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

9/28/09

Site Name:

1306-2 PCC Validation South
200 South Boulevard West
Pontiac, MI 48341

Client Name:

LFR Inc
194 Forbes Road
Braintree, MA 02184



Environmental Data Resources Inc

EDR Inquiry # 2601306.3

Contact: Sean Drain

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by LFR Inc were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 1306-2 PCC Validation South Parking Lot
Address: 200 South Boulevard West
City, State, Zip: Pontiac, MI 48341
Cross Street:
P.O. # NA
Project: NA
Certification # 224E-4401-A4D0



Sanborn® Library search results
Certification # 224E-4401-A4D0

Maps Provided:

1970
1950
1924

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

Limited Permission To Make Copies

LFR Inc (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

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 OF 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 or forecast 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.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

- Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.
- All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.
- We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.
- A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1970 Source Sheets



Volume 1, Sheet 34



Volume 1, Sheet 80

1950 Source Sheets



Volume 1, Sheet 34



Volume 1, Sheet 80

1924 Source Sheets

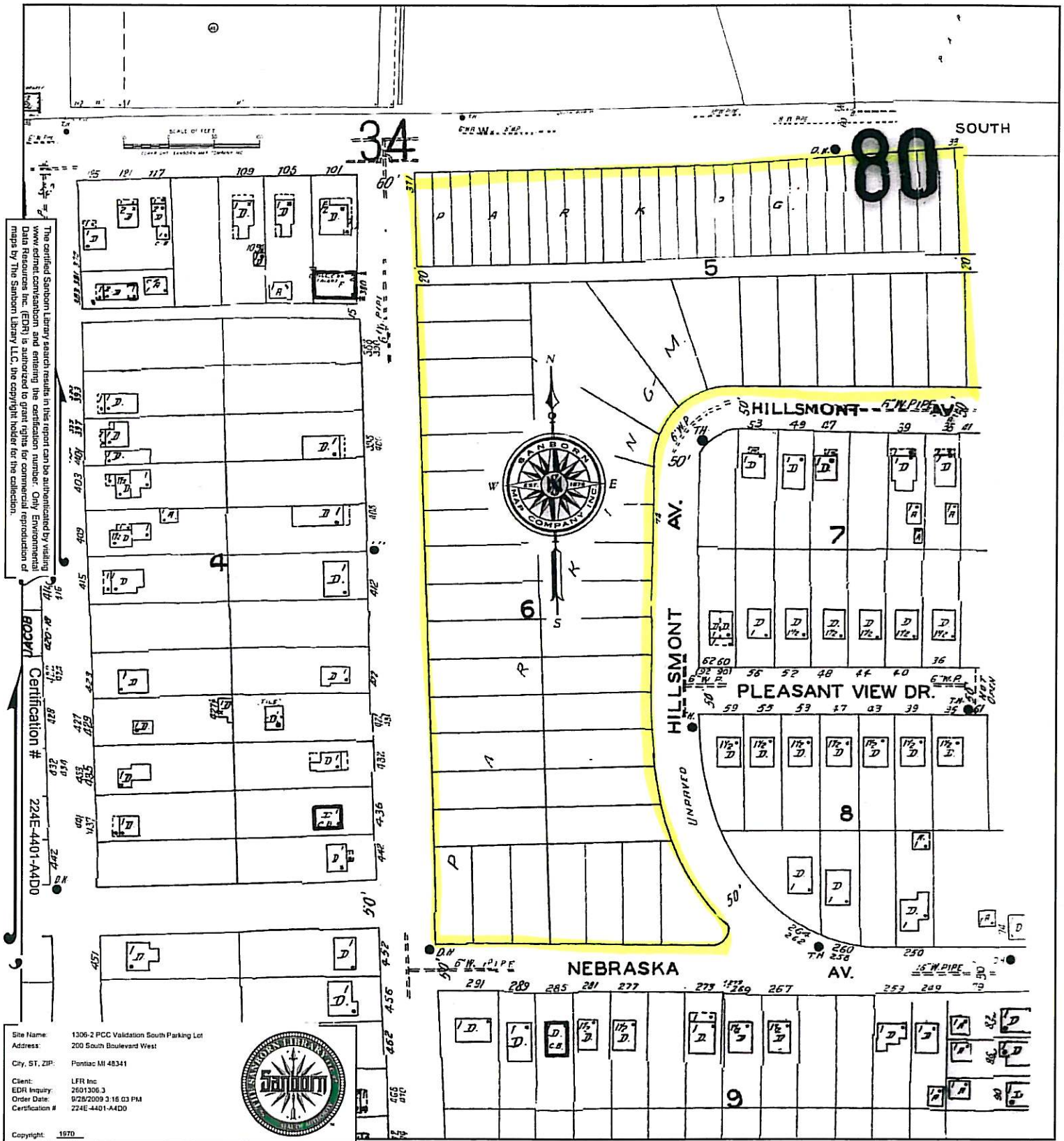


Volume 1, Sheet 34

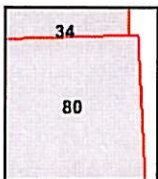


Volume 1, Sheet 80

1970 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

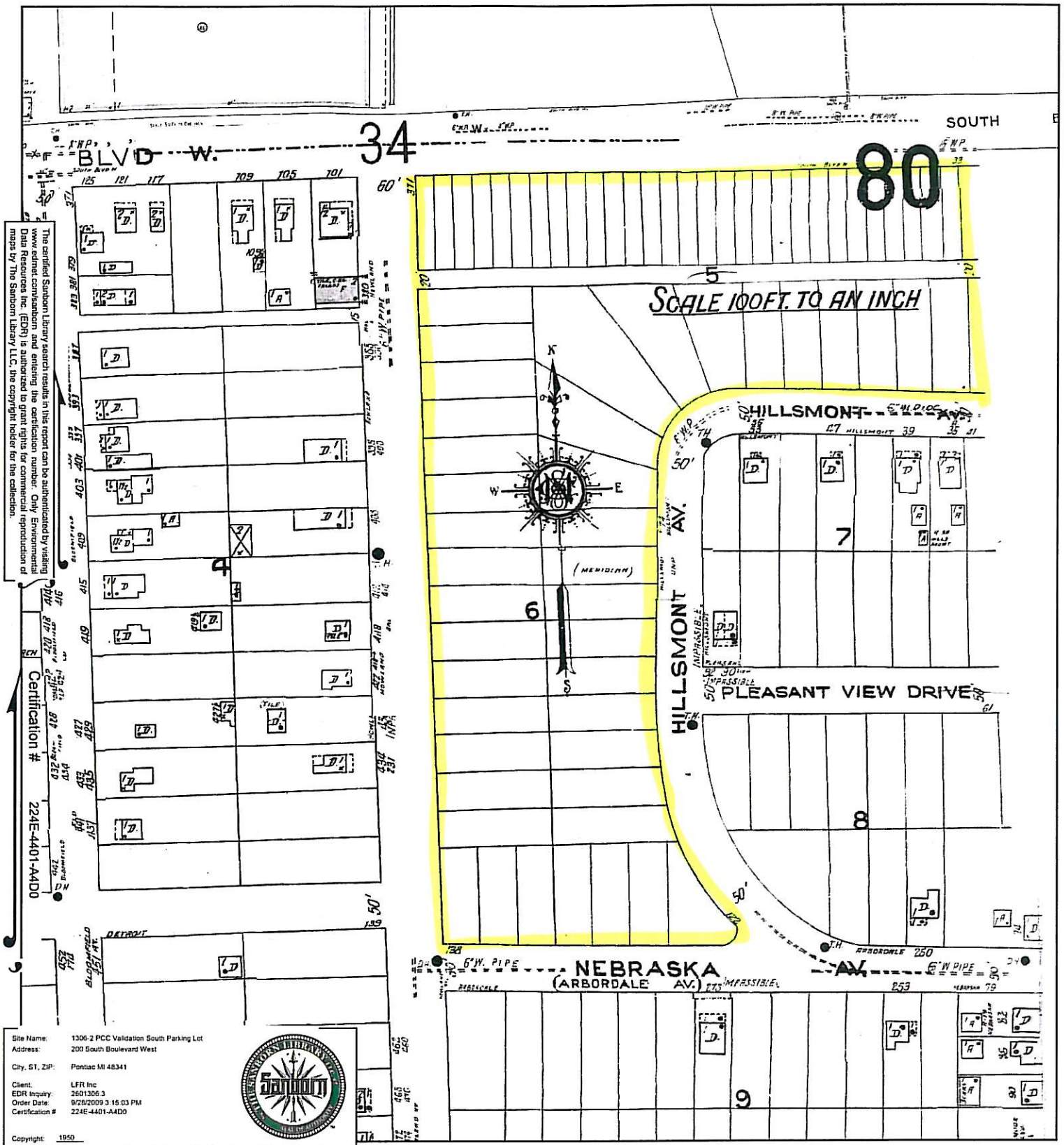


Volume 1, Sheet 34
 Volume 1, Sheet 80

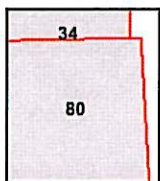
0 Feet 150 300 600



1950 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 1, Sheet 34
Volume 1, Sheet 80

1924 Certified Sanborn Map



City Directory Abstract

1306-2 PCC Validation South Parking Lot

200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2601306.6
October 01, 2009

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

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 or forecast 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.

Copyright 2008 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool 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.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2007	Bresser's Criss-Cross Directory	-	X	X	-
2003	Bresser's Criss-Cross Directory	-	X	X	-
1999	Bresser's Criss-Cross Directory	X	X	X	-
1994	Bresser's Criss-Cross Directory	-	X	X	-
1989	Bresser's Criss-Cross Directory	-	X	X	-
1984	Bresser's Criss-Cross Directory	-	X	X	-
1979	Bresser's Criss-Cross Directory	-	X	X	-
1973	Bresser's Criss-Cross Directory	-	X	X	-
1962	Polk's City Directory	-	X	X	-
1957	Polk's City Directory	-	X	X	-
1952	Polk's City Directory	-	X	X	-
1945	Polk's City Directory	-	X	X	-
1939	Polk's City Directory	-	X	X	-
1931	Polk's City Directory	-	X	X	-
1927	Polk's City Directory	-	X	X	-
1922	Polk's City Directory	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

200 South Boulevard West
Pontiac, MI 48341

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Demaria Building Co.	Bresser's Criss-Cross Directory
	LaSalle Group	Bresser's Criss-Cross Directory
	Post Electric Co.	Bresser's Criss-Cross Directory
	Progressive Mechl.	Bresser's Criss-Cross Directory
	SCI Steelcon	Bresser's Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Harvey Ave.

390 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

390 1/2 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Residential	Polk's City Directory

391 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

391 1/2 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Residential	Polk's City Directory

FINDINGS

394 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

395 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

396 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

396 1/2 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

FINDINGS

397 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

400 Harvey Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Bresser's Criss-Cross Directory
2003	Residential	Bresser's Criss-Cross Directory
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

Highland Ave.

Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1922	-All Addresses on Highland Ave. Renumbered	Polk's City Directory

317 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory

320 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory

FINDINGS

387 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Wes' General Store (grocery)	Polk's City Directory
1957	Wes' General Store (grocery)	Polk's City Directory
1952	Jackson Wesley (grocery)	Polk's City Directory
1945	Uplifting Club	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Douglas Blakely (grocer)	Polk's City Directory

387 1/2 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Residential	Polk's City Directory

388 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory

388 1/2 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

391 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Douglas Blakely (gro.)	Polk's City Directory

391 1/2 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	Residential	Polk's City Directory
1952	Frances Rayhon (beauty shop)	Polk's City Directory

392 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Vacant	Polk's City Directory
1927	Residential	Polk's City Directory

392 1/2 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

396 Highland Ave.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	No Return	Bresser's Criss-Cross Directory
2003	No Return	Bresser's Criss-Cross Directory
1994	No Return	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory

South Boulevard West

South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	-No Other Addresses Listed Between Bloomfield & Highland	Bresser's Criss-Cross Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	-No Other Addresses Listed Between Bloomfield & Highland	Bresser's Criss-Cross Directory

177 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Cmptr. Intgrtd. Weld	Bresser's Criss-Cross Directory

181 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Bresser's Criss-Cross Directory
2003	Residential	Bresser's Criss-Cross Directory
1999	No Return	Bresser's Criss-Cross Directory
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

185 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

187 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

189 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Vacant	Polk's City Directory
1927	Vacant	Polk's City Directory

190 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Roumanian Grocery	Polk's City Directory
1927	Roumanian Grocery	Polk's City Directory
1922	Gerzanics & Antal (grocers)	Polk's City Directory

192 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory

192 1/2 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory

FINDINGS

193 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1973	Jack's Barber Shop	Bresser's Criss-Cross Directory
1962	Vogue Beauty Salon	Polk's City Directory
1957	Vogue Beauty Salon	Polk's City Directory
1952	Vacant	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	Vacant	Polk's City Directory
1931	Eagle Baking Co.	Polk's City Directory

193 1/2 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

195 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
2003	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1999	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1994	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1989	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1979	Jack's Barber Shop	Bresser's Criss-Cross Directory
	John's Party Store	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Jack's Barber Shop	Polk's City Directory
	Riddick's Pharmacy	Polk's City Directory
1957	Jack's Barber Shop	Polk's City Directory
	Ramsey's Restr.	Polk's City Directory
1952	Residential	Polk's City Directory
1939	Vacant	Polk's City Directory
1931	Eagle Baking Co.	Polk's City Directory

FINDINGS

195 1/2 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

198 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

204 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

205 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1922	Residential	Polk's City Directory

207 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Bresser's Criss-Cross Directory
2003	No Return	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1922	Vacant	Polk's City Directory

209 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory

213 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Vacant	Polk's City Directory
1922	Vacant	Polk's City Directory

215 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Harrison Cleaners	Polk's City Directory
1957	Harrison Cleaners	Polk's City Directory
1952	Charles Harrison (clo. clnr.)	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Jones' Live Fish Market	Polk's City Directory

215 1/2 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Residential	Polk's City Directory

217 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	No Return	Bresser's Criss-Cross Directory
2003	No Return	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1939	Residential	Polk's City Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Residential	Polk's City Directory
1927	Vacant	Polk's City Directory
1922	Vacant	Polk's City Directory

218 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Vacant	Polk's City Directory

219 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

243 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	No Return	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory

254 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory

254 1/2 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1952	Residential	Polk's City Directory

260 South Boulevard West

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Residential	Bresser's Criss-Cross Directory
2003	No Return	Bresser's Criss-Cross Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory

FINDINGS

STREET NOT LISTED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not listed in the research source.

Street Researched

Harvey Ave.

Street Not Listed in Research Source

1922

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

Address Researched

200 South Boulevard West

Address Not Listed in Research Source

2007, 2003, 1994, 1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

Address Researched

177 South Boulevard West

187 South Boulevard West

189 South Boulevard West

192 1/2 South Boulevard West

192 South Boulevard West

193 1/2 South Boulevard West

193 South Boulevard West

195 1/2 South Boulevard West

195 South Boulevard West

209 South Boulevard West

215 1/2 South Boulevard West

215 South Boulevard West

217 South Boulevard West

218 South Boulevard West

243 South Boulevard West

254 1/2 South Boulevard West

Address Not Listed in Research Source

1994, 1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1973, 1927

1922

1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1945, 1939, 1931, 1927, 1922

1989, 1984, 1979, 1927, 1922

1945, 1939, 1931, 1927, 1922

1984, 1945, 1927, 1922

1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1927, 1922

1927, 1922

1945

1922

1994, 1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1945, 1939, 1931, 1927, 1922

FINDINGS

Address Researched

254 South Boulevard West

260 South Boulevard West

317 Highland Ave.

320 Highland Ave.

387 1/2 Highland Ave.

387 Highland Ave.

388 1/2 Highland Ave.

388 Highland Ave.

390 1/2 Harvey Ave.

391 1/2 Harvey Ave.

391 1/2 Highland Ave.

391 Highland Ave.

392 1/2 Highland Ave.

392 Highland Ave.

396 1/2 Harvey Ave.

396 Highland Ave.

400 Harvey Ave.

Address Not Listed in Research Source

1927, 1922

1984, 1979, 1952, 1945, 1939, 1931, 1927, 1922

1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1989, 1984, 1979, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

1945, 1939, 1931, 1927, 1922

1927, 1922

1945, 1939, 1931, 1927, 1922

1927, 1922

1939, 1931, 1927

1945, 1939, 1931, 1927

1945, 1939, 1931, 1927, 1922

1922

1945, 1939, 1931, 1927, 1922

1922

1945, 1939, 1931, 1927

1999, 1931, 1927, 1922

1999

Topographic Maps

1306-2 PCC Validation South Parking Lot

200 South Boulevard West

Pontiac, MI 48341

Inquiry Number: 2601306.4

September 28, 2009

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

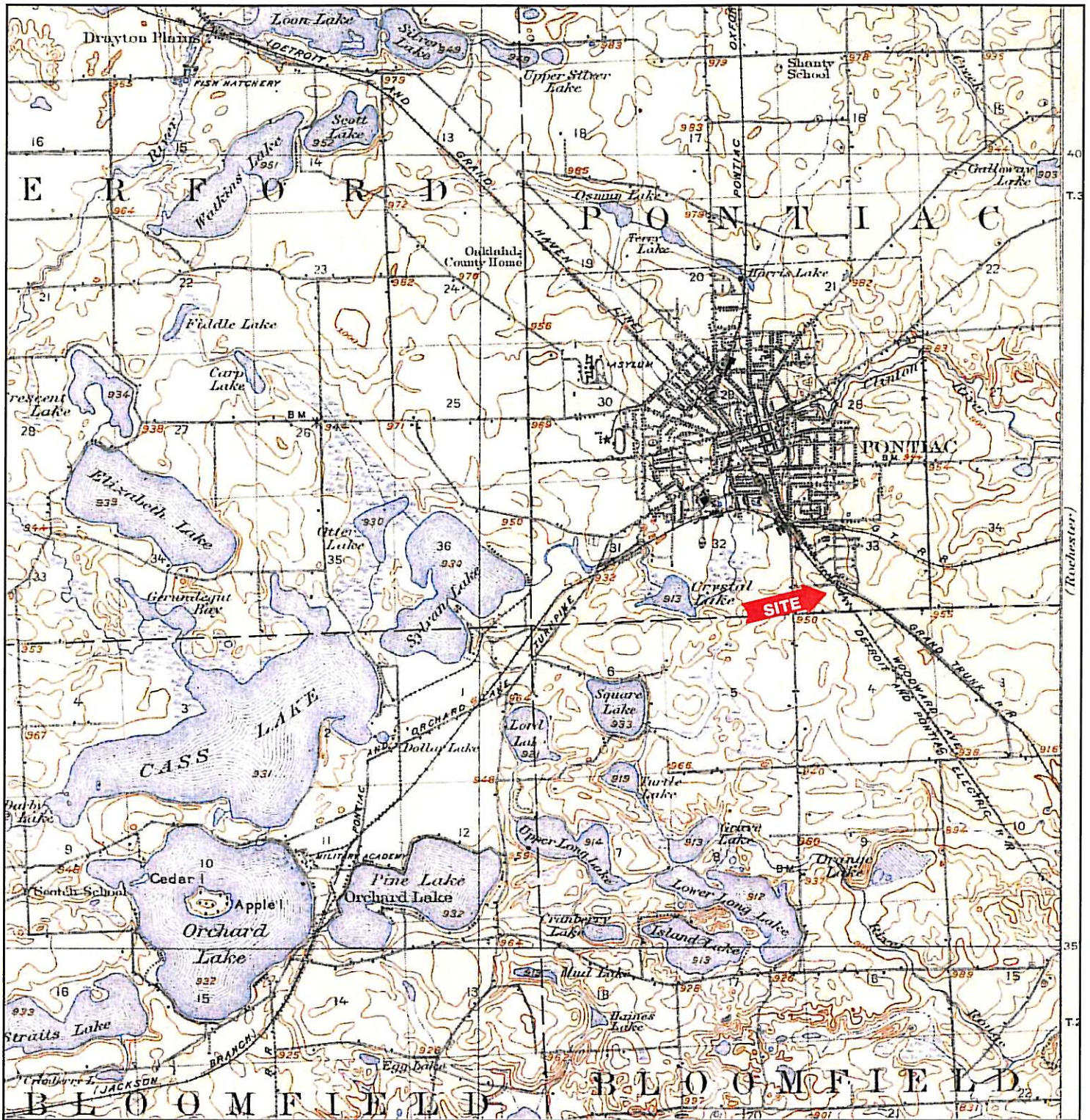
Disclaimer - Copyright and Trademark Notice

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 OF 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 or forecast 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.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

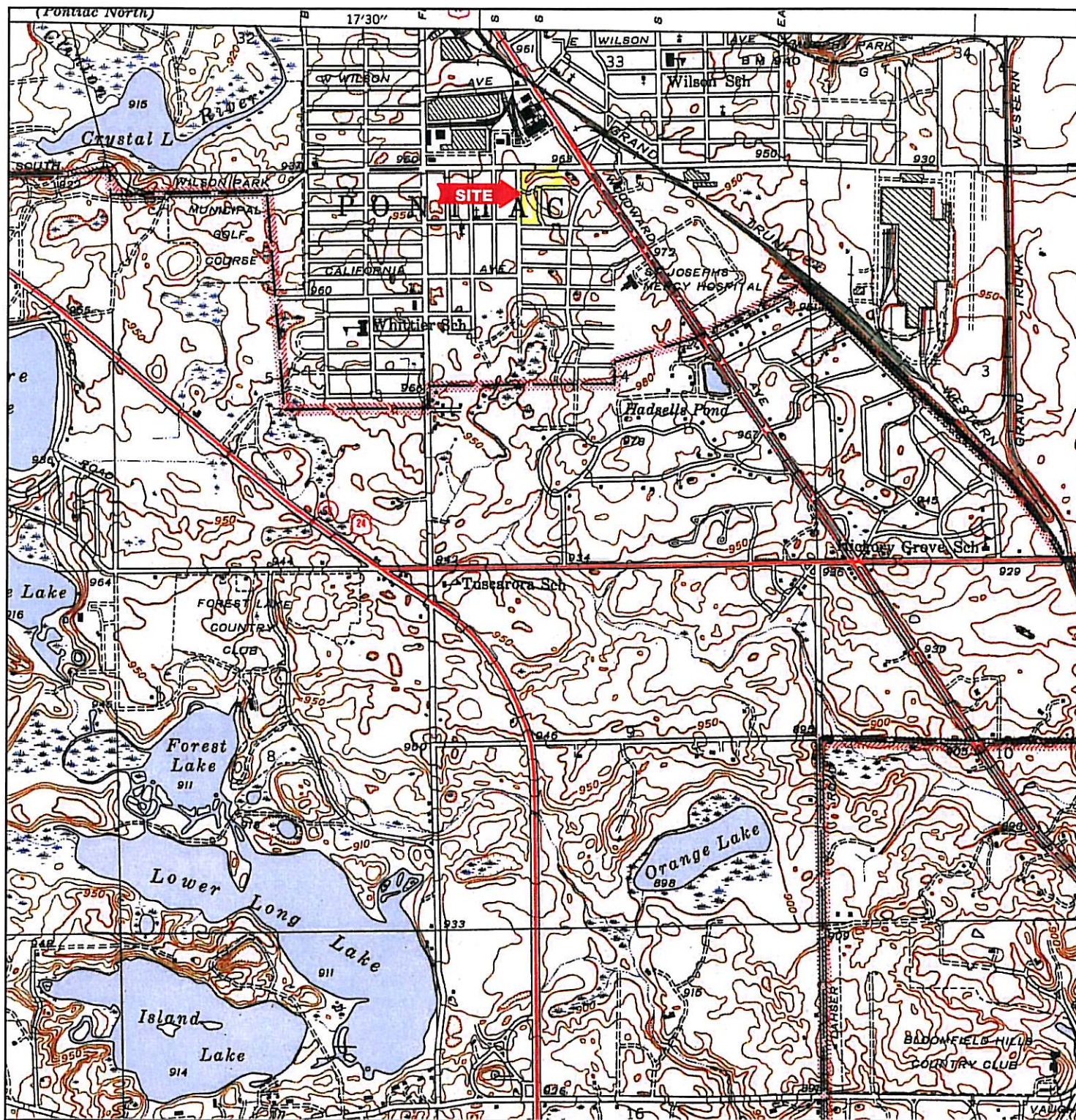
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



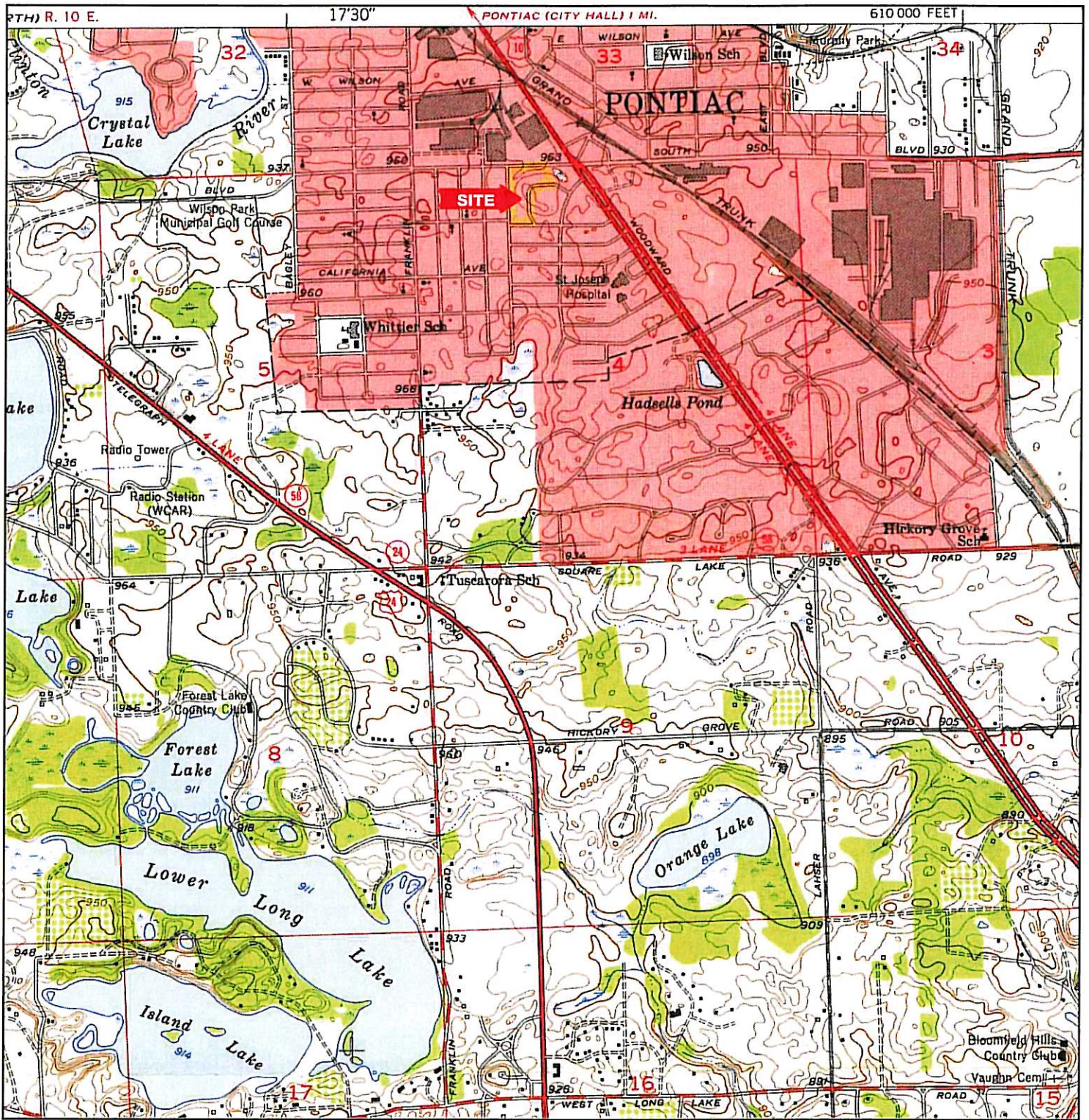
N ↑ TARGET QUAD NAME: PONTIAC MAP YEAR: 1907 SERIES: 15 SCALE: 1:62500	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
---	--	--

Historical Topographic Map



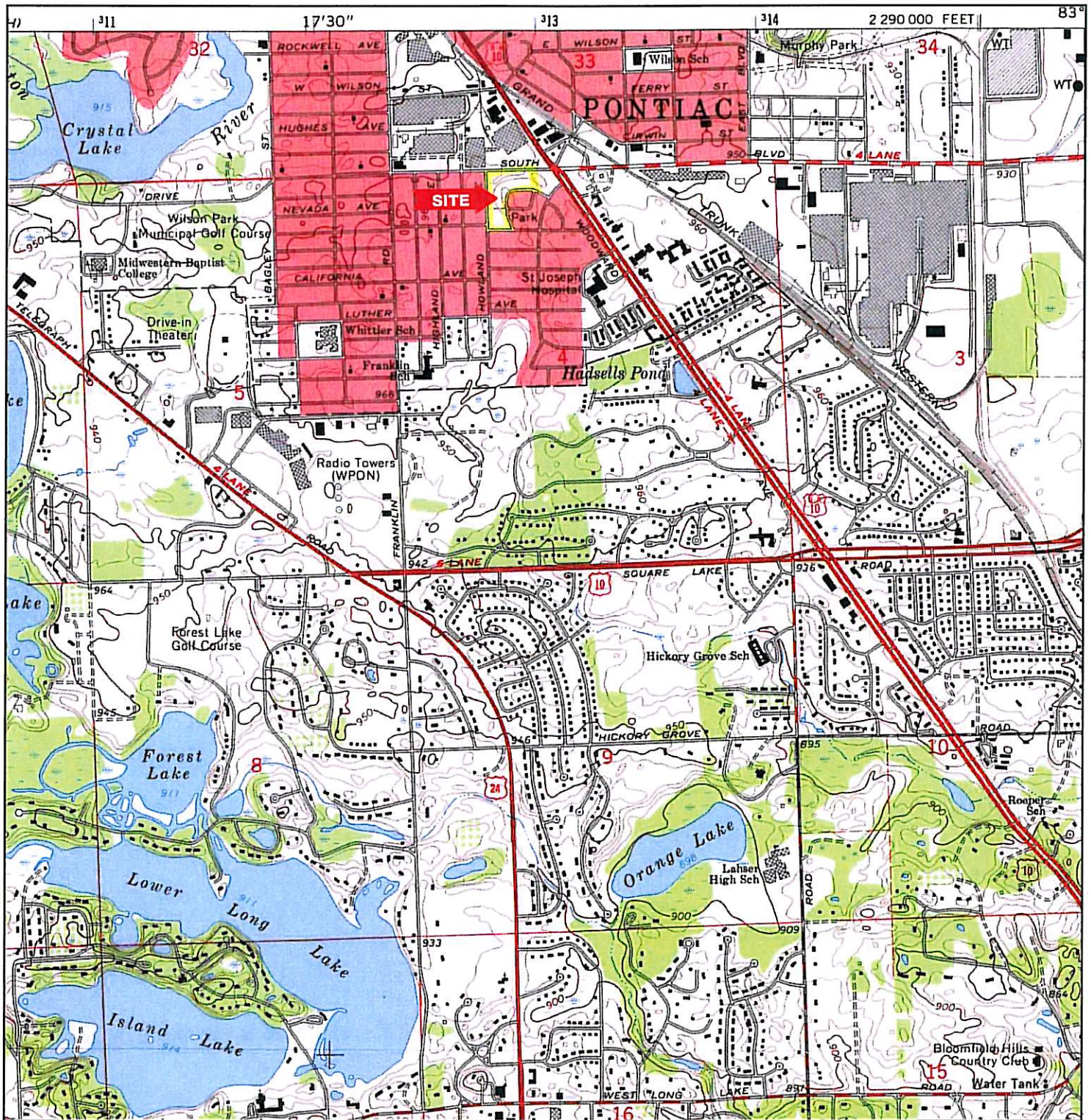
N ↑	TARGET QUAD	SITE NAME:	1306-2 PCC Validation South	CLIENT:	LFR Inc
	NAME: PONTIAC SOUTH		Parking Lot	CONTACT:	Sean Drain
	MAP YEAR: 1943	ADDRESS:	200 South Boulevard West	INQUIRY#:	2601306.4
			Pontiac, MI 48341	RESEARCH DATE:	09/28/2009
	SERIES: 7.5	LAT/LONG:	42.619 / 83.2823		
	SCALE: 1:24000				

Historical Topographic Map



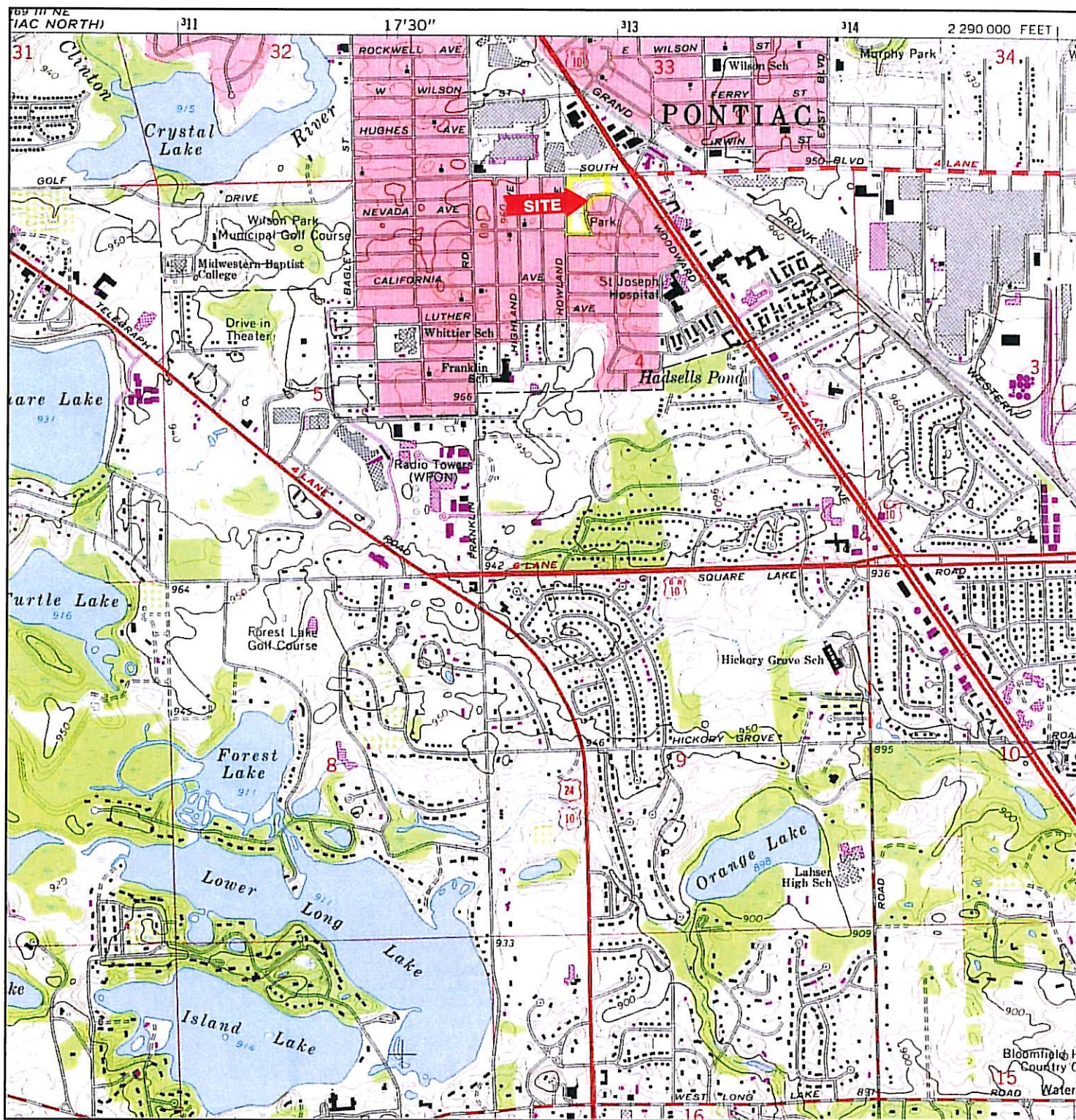
TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
---	--	--

Historical Topographic Map



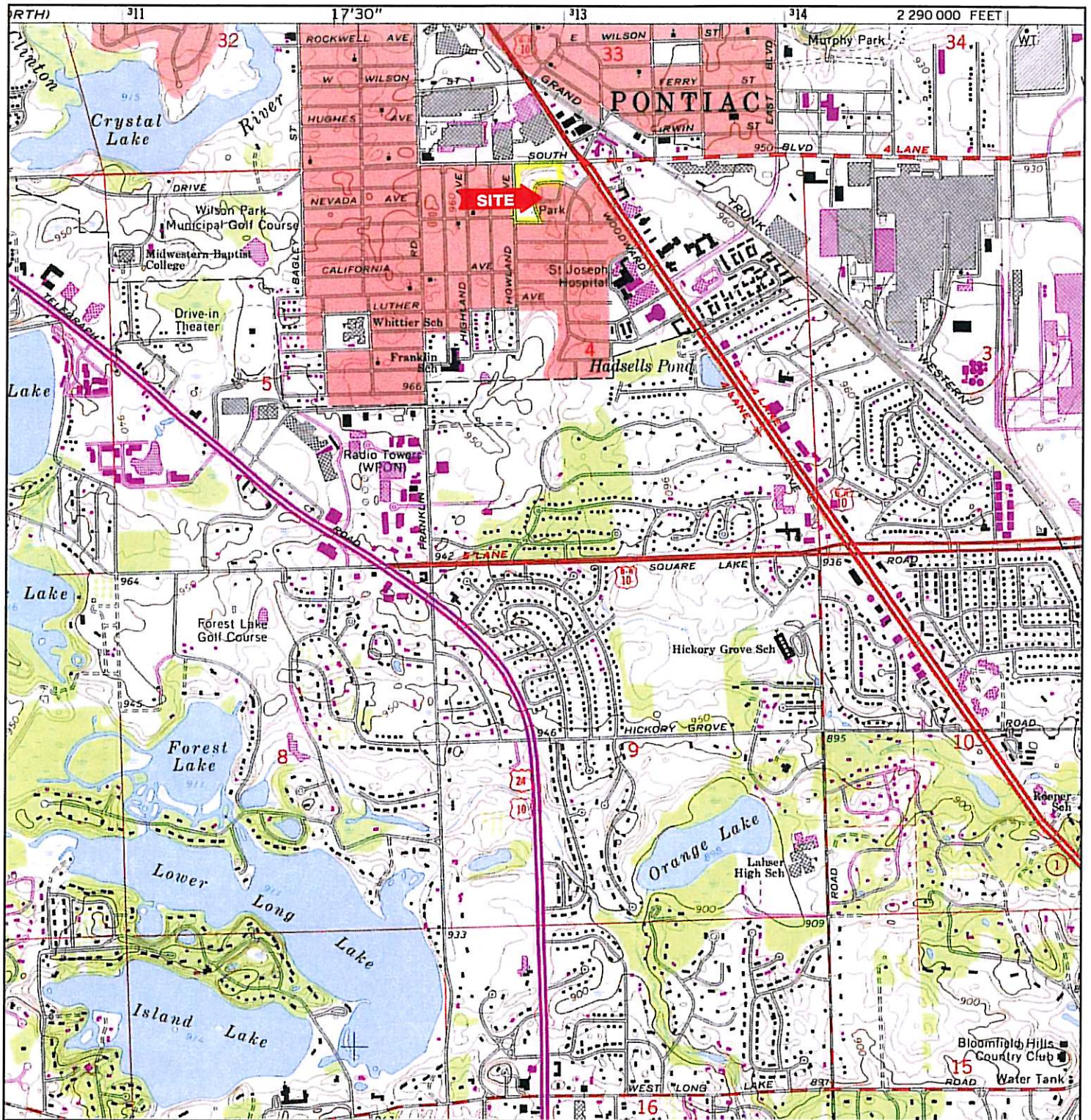
TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
---	--	--

Historical Topographic Map



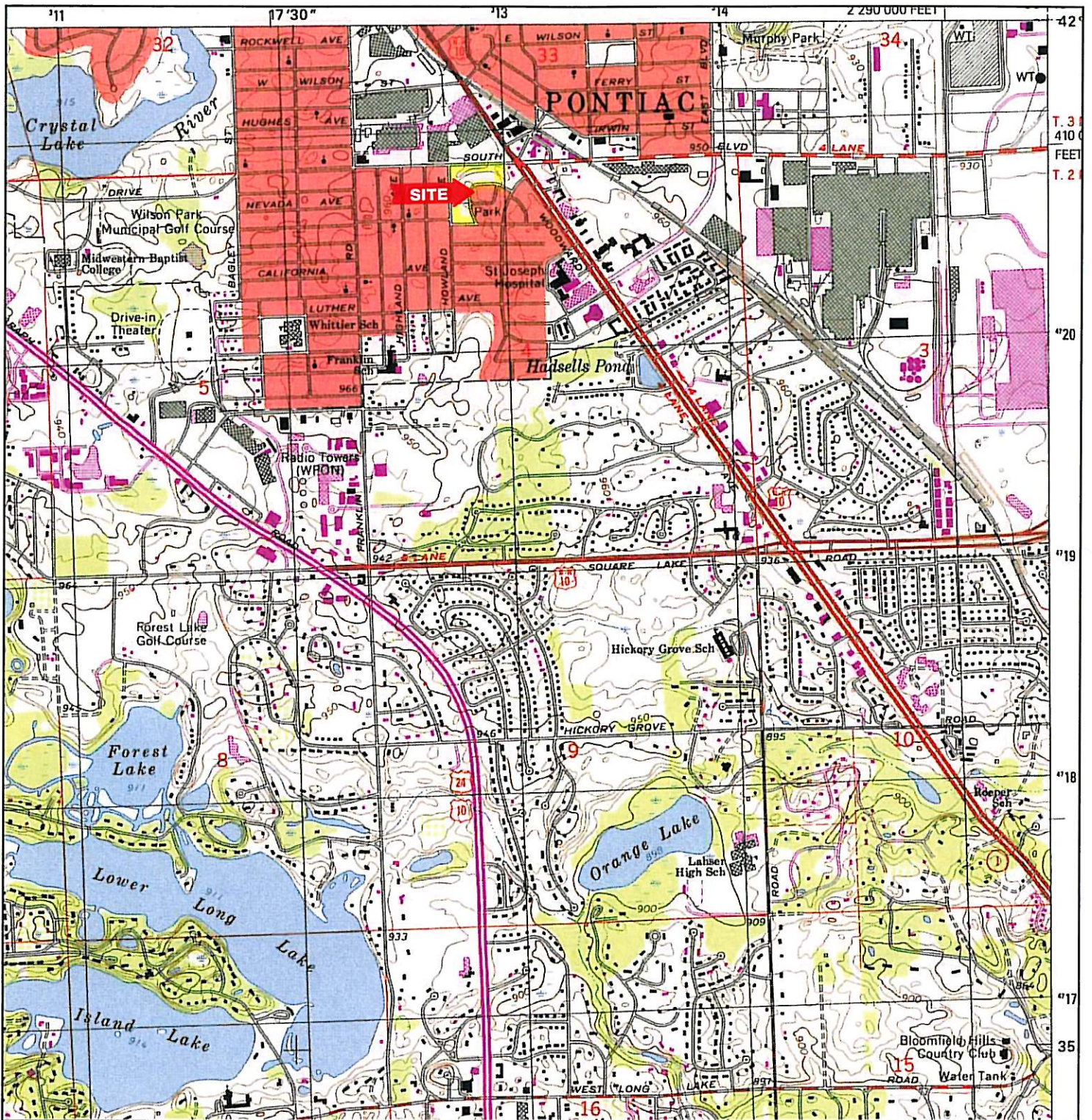
TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1973 PHOTOREVISED FROM: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
---	--	--

Historical Topographic Map



TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1983 PHOTOREVISED FROM: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
---	--	--

Historical Topographic Map



TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-2 PCC Validation South Parking Lot ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.619 / 83.2823	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2601306.4 RESEARCH DATE: 09/28/2009
--	--	--

APPENDIX C

EDR Radius Map Report

1306-2 PCC Validation South Parking Lot

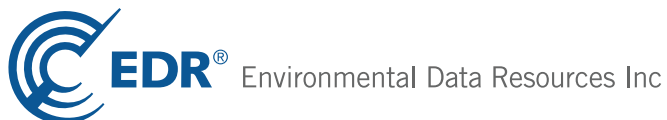
200 South Boulevard West

Pontiac, MI 48341

Inquiry Number: 2601306.2s

September 28, 2009

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	92
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	A-71

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

Disclaimer - Copyright and Trademark Notice

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 OF 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 or forecast 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.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

COORDINATES

Latitude (North): 42.619000 - 42° 37' 8.4"
Longitude (West): 83.282300 - 83° 16' 56.3"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 312818.8
UTM Y (Meters): 4720817.5
Elevation: 961 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-E3 PONTIAC SOUTH, MI
Most Recent Revision: 1997

North Map: 42083-F3 PONTIAC NORTH, MI
Most Recent Revision: 1997

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005
Source: USDA

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
GENERAL MOTORS CO NORTH AMERICAN 200 SOUTH BOULEVARD PONTIAC, MI 48341	RCRA-SQG FINDS RCRA-TSDF CORRACTS	MID980568836
GM - PONTIAC CENTERPOINTE CAMPUS 200 SOUTH BLVD WEST PONTIAC, MI 48341	AST	N/A
GMC PONTIAC CENTERPOINT CAMPUS - 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	AIRS	N/A
200 S BLVD W 200 S BLVD W PONTIAC, MI 48341	ERNS	N/A

EXECUTIVE SUMMARY

GENERAL MOTORS CORP. - TRUCK PROD 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	AIRS	N/A
--	------	-----

GM PONTIAC CENTERPOINT CAMPUS 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	NPDES	N/A
--	-------	-----

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 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
-----------------	--

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

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

SPILLS..... Pollution Emergency Alerting 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

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

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Database
DRYCLEANERS.....	Drycleaning Establishments
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

EDR Historical Auto Stations... EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

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 CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PONTIAC MEDICAL ASSOCIATES MER	44696 WOODWARD	ESE 1/8 - 1/4 (0.199 mi.)	D19	49

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/30/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GMC TRUCK & COACH DIV PONTIAC	660 S BLVD E	E 1/2 - 1 (0.948 mi.)	31	67

Federal RCRA generators list

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTERNATIONAL TRANSMISSION COM	44800 WOODWARD AVE	ESE 1/8 - 1/4 (0.126 mi.)	C13	39
AUTO CLINIC	44732 WOODWARD AVE	ESE 1/8 - 1/4 (0.180 mi.)	D16	43
MEDICAL ASSOCIATES INC	44656 WOODWARD AVE	ESE 1/8 - 1/4 (0.221 mi.)	20	49

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 08/11/2009 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AKZO NOBEL COATINGS INC Facility Status: Evaluation in progress	120 FRANKLIN ROAD	NW 1/2 - 1 (0.523 mi.)	30	66
CITY OF PONTIAC Facility Status: Interim Response in progress	55 WESSEN STREET	NNW 1/2 - 1 (0.957 mi.)	G32	90

EXECUTIVE SUMMARY

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 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PONTIAC FUEL INC Facility Status: Open	45054 WOODWARD RD	NE 0 - 1/8 (0.050 mi.)	7	26
ST JOSEPH MERCY HOSPITAL Facility Status: Closed Facility Status: Closed <i>*Additional key fields are available in the Map Findings section</i>	44405 WOODWARD AVE	ESE 1/4 - 1/2 (0.422 mi.)	27	57

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRUCK CENTER Facility Status: Open	554 FRANKLIN RD	SW 1/4 - 1/2 (0.334 mi.)	E23	52
GAUKLER STORAGE CO Facility Status: Closed	400 SOUTH BLVD E	E 1/4 - 1/2 (0.397 mi.)	F26	55
PONTIAC STATION #2 PONTIAC FIR Facility Status: Open	348 SOUTH BLVD W	W 1/4 - 1/2 (0.455 mi.)	28	64

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 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PONTIAC FUEL INC MINIT-LUBE	45054 WOODWARD RD 714 WOODWARD	NE 0 - 1/8 (0.050 mi.) E 0 - 1/8 (0.093 mi.)	7 B9	26 32

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 is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EASTERN OIL	590 S PADDOCK ST	NNE 1/8 - 1/4 (0.192 mi.)	17	45

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: The database contains historical information and is no longer updated..

A review of the HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there is 1 HIST LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ANKERSON RESOURCE SYSTEMS INC	400 SOUTH BLVD E	E 1/4 - 1/2 (0.397 mi.)	F25	54

Local Lists of Hazardous waste / Contaminated Sites

DEL SHWS: Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does support it's listing or the site no longer meets criteria specified in rules.

A review of the DEL SHWS list, as provided by EDR, and dated 08/20/2009 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOWLAND & LUTHER STREETS	HOWLAND / LUTHER	S 1/8 - 1/4 (0.245 mi.)	21	51

Other Ascertainable Records

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 6 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRESTVIEW CADILLAC - SUBARU	675 S SAGINAW	NNE 0 - 1/8 (0.081 mi.)	8	30
MINIT-LUBE	714 WOODWARD	E 0 - 1/8 (0.096 mi.)	B10	33
DETROIT EDISON CO	44800 WOODWARD AVE	E 0 - 1/8 (0.098 mi.)	B11	35
DETROIT EDISON CO	44800 WOODWARD AVE	E 0 - 1/8 (0.098 mi.)	B12	37
ARNOLD JEROME CADILLAC SUBARU	815 WOODWARD AVE	ESE 1/8 - 1/4 (0.129 mi.)	C14	41
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSUMERS ENERGY - FRANKLIN SU	68 W WILSON ST	N 1/8 - 1/4 (0.198 mi.)	18	47

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 4 BEA sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEAT TREAT SERVICES, INC.	245 SOUTH BOULEVARD	E 1/8 - 1/4 (0.140 mi.)	15	43
STOR-MOR PROPERTY	350-400 SOUTH BOULEVARD	E 1/4 - 1/2 (0.255 mi.)	22	51
LIGHT INDUSTRIAL BUILDING	554 FRANKLIN ROAD	SW 1/4 - 1/2 (0.334 mi.)	E24	54
FLO-CO PONTIAC PROPERTY	45700 WOODWARD AVENUE	NNW 1/4 - 1/2 (0.463 mi.)	29	66

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

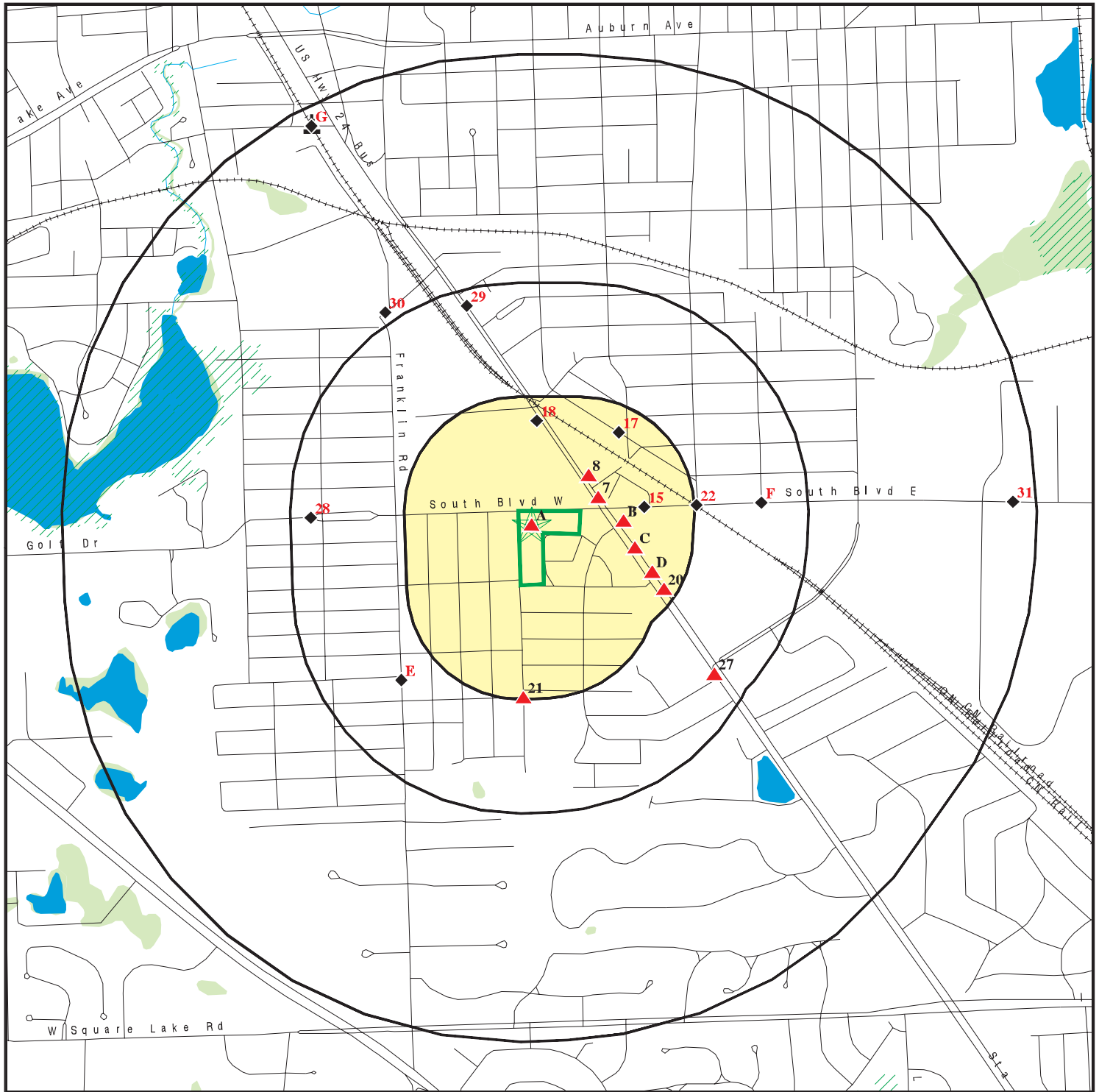
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY GAS WORKS	55 WESSEN STREET	NNW 1/2 - 1 (0.957 mi.)	G33	91

EXECUTIVE SUMMARY

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

Site Name	Database(s)
SHELL DRY WELL 1 TELEGRAPH	SHWS
GM TRUCK AND BUS PONTIAC CENTRAL	SHWS
ASPHALT SPECIALIST INC	SHWS, DEL SHWS
HOWLAND AND LUTHER STREETS, VACANT	BROWNFIELDS
WIDETRACK AT WESSON STREET, VACANT	BROWNFIELDS
SUN VALLEY PROPERTIES	BROWNFIELDS
FORMER WINTER PROPERTY	LUST, UST
WOODWARD OFFICE PLAZA	LUST, UST
SPEEDY MUFFLER KING	LUST, UST
SUNOCO INC	FINDS, RCRA-NonGen
MINIT-LUBE	FINDS, RCRA-NonGen
BANK PARKING LOT	ERNS
SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD GENERAL MOTORS	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD	ERNS
660 SOUTH BLVD, GM PLANT	ERNS
SOUTH BOULEVARD AND SANFORD CROSSI	ERNS
I-75 FROM DETROIT TO FLINT, 1 MILE	ERNS
GENERAL MOTORS TRUCK PONTIAC CENTR	ERNS
619 SOUTH OPOYKE ST	ERNS

OVERVIEW MAP - 2601306.2s



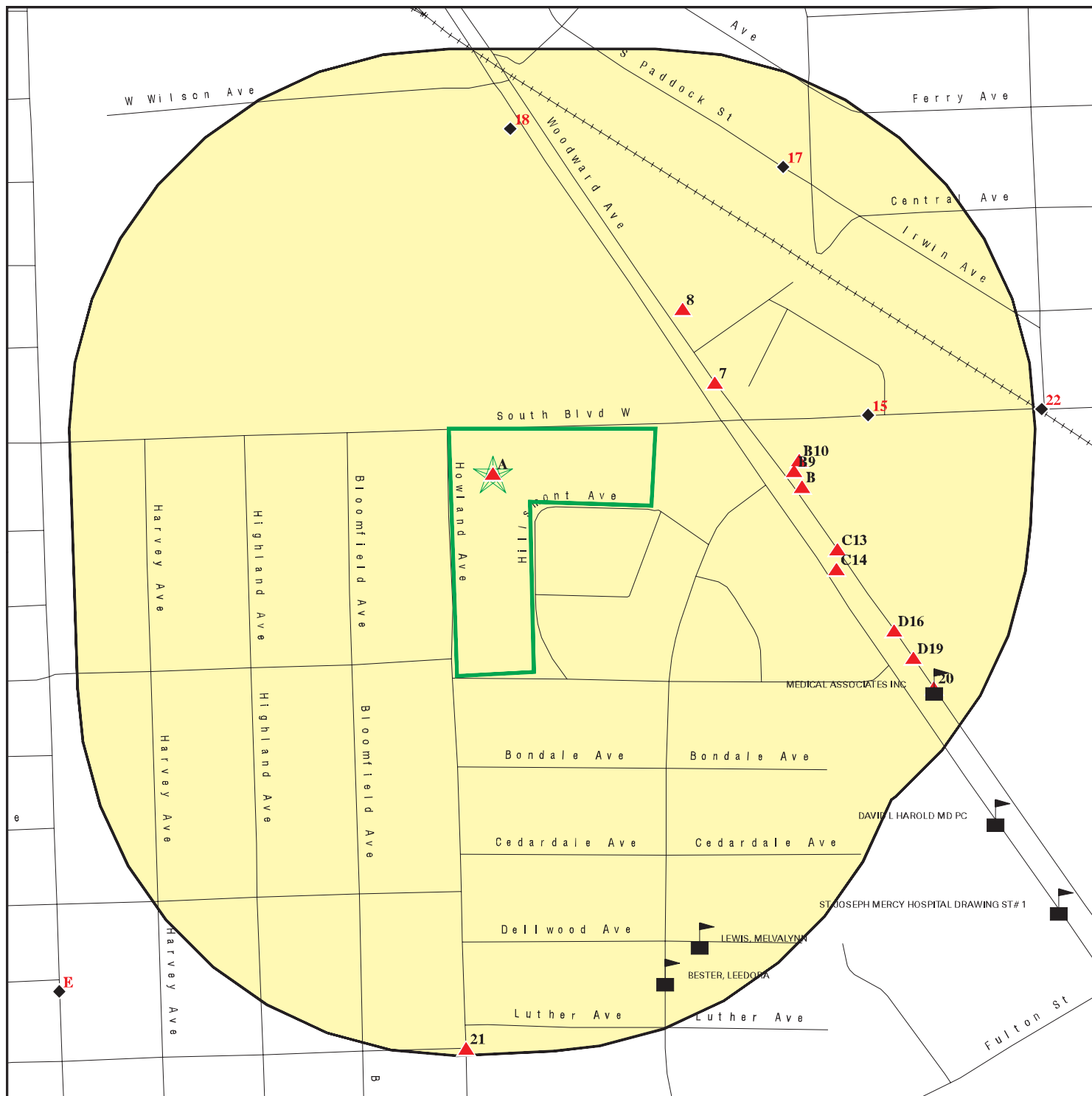
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- 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: 1306-2 PCC Validation South Parking Lot
 ADDRESS: 200 South Boulevard West
 Pontiac MI 48341
 LAT/LONG: 42.6190 / 83.2823

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2601306.2s
 DATE: September 28, 2009 1:13 pm

DETAIL MAP - 2601306.2s



-  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
-  100-year flood zone
-  500-year flood zone

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: 1306-2 PCC Validation South Parking Lot
 ADDRESS: 200 South Boulevard West
 Pontiac MI 48341
 LAT/LONG: 42.6190 / 83.2823

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2601306.2s
 DATE: September 28, 2009 1:13 pm

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								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	X	1.000	0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	X	0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	3	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	X	TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	0	0	2	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	1	0	4	NR	NR	5
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	2	0	NR	NR	NR	2
AST	X	0.250	0	1	NR	NR	NR	1

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		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	1	NR	NR	1
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	1	0	0	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	4	2	NR	NR	NR	6
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	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
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

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		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
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
AIRS	X	TP	NR	NR	NR	NR	NR	0
BEA		0.500	0	1	3	NR	NR	4
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	1	NR	1
EDR Historical Auto Stations	0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A1
Target
Property

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT
200 SOUTH BOULEVARD
PONTIAC, MI 48341

RCRA-SQG
FINDS
RCRA-TSDF
CORRACTS
MANIFEST

1000213200
MID980568836

Site 1 of 6 in cluster A

Actual:
961 ft.

RCRA-SQG:

Date form received by agency: 12/31/2007
Facility name: GENERAL MOTORS CORPORATION
Facility address: 200 SOUTH BLVD W
PONTIAC, MI 48341
EPA ID: MID980568836
Mailing address: 2100 S OPDYKE RD
PONTIAC, MI 48341
Contact: KEN GEMBEL
Contact address: 200 SOUTH BLVD W
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 753-5678
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: GM NORTH AMERICAN VEHICLE OPRS (NAVO)
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: 02/21/2002
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS CORPORTATION
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: 01/01/1909
Owner/Op end date: Not reported

Owner/operator name: GM NORTH AMERICAN VEHICLE OPRS (NAVO)
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/21/2002
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS CORPORTATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1909
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
Used 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: Yes

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

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

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

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

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

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: 03/01/2006
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 03/01/2004
Facility name: GENERAL MOTORS CORPORATION
Site name: GENERAL MOTORS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/24/2004
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 09/16/2002
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 03/01/2002
Facility name: GENERAL MOTORS CORPORATION
Site name: GENERAL MOTORS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/21/2002
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 12/17/2001
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 02/28/2000
Facility name: GENERAL MOTORS CORPORATION
Site name: GENERAL MOTORS CORP
Classification: Large Quantity Generator

Date form received by agency: 02/27/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Facility name: GENERAL MOTORS CORPORATION
Site name: NATG - TRUCK PRODUCT CENTER - VALIDATION
Classification: Large Quantity Generator

Date form received by agency: 04/07/1997

Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 02/28/1996

Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/17/1994

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC, NAPT-PONTIAC WEST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/10/1992

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK AND BUS DIV PONTIAC WEST
Classification: Large Quantity Generator

Date form received by agency: 02/14/1990

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK AND BUS DIV PONTIAC WEST
Classification: Large Quantity Generator

Date form received by agency: 11/17/1980

Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 08/14/1980

Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2007

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 PENSKEY-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): 1259.4

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Amount (Lbs): 1045

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 240

Waste code: D008
Waste name: LEAD
Amount (Lbs): 30

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 5

Waste code: D012
Waste name: ENDRIN
Amount (Lbs): 25

Waste code: D014
Waste name: METHOXYCHLOR
Amount (Lbs): 25

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 30

Waste code: D019
Waste name: CARBON TETRACHLORIDE
Amount (Lbs): 30

Waste code: D020
Waste name: CHLORDANE
Amount (Lbs): 25

Waste code: D021
Waste name: CHLOROBENZENE
Amount (Lbs): 40

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 10

Waste code: D031
Waste name: HEPTACHLOR (AND ITS EPOXIDE).
Amount (Lbs): 25

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 250

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 30

Waste code: P003
Waste name: ACROLEIN
Amount (Lbs): 10

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 250

Waste code: U037
Waste name: BENZENE, CHLORO-
Amount (Lbs): 10

Waste code: U061
Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-
Amount (Lbs): 25

Waste code: U077
Waste name: ETHANE, 1,2-DICHLORO-
Amount (Lbs): 10

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE
Amount (Lbs): 250

Waste code: U154
Waste name: METHANOL (I)
Amount (Lbs): 250

Waste code: U165
Waste name: NAPHTHALENE
Amount (Lbs): 5

Waste code: U213
Waste name: FURAN, TETRAHYDRO-(I)
Amount (Lbs): 10

Waste code: U220
Waste name: BENZENE, METHYL-
Amount (Lbs): 250

Waste code: U225
Waste name: BROMOFORM
Amount (Lbs): 30

Corrective Action Summary:

Event date: 03/30/1990
Event: RFA Completed

Event date: 05/18/1990
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Event date: 09/27/1991
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 03/31/1994
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: Generators - Pre-transport
Date violation determined: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
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 - Manifest
Date violation determined: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
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: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
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 - Pre-transport
Date violation determined: 03/31/1997
Date achieved compliance: 05/12/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Enforcement action date: 03/31/1997
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: 03/31/1997
Date achieved compliance: 05/12/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1997
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: 04/24/1995
Date achieved compliance: 11/16/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1995
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: 04/24/1995
Date achieved compliance: 11/16/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1995
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: 06/08/1993
Date achieved compliance: 10/07/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/08/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

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 - Financial Requirements
Date violation determined: 09/29/1992
Date achieved compliance: 10/19/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1992
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: 06/12/1991
Date achieved compliance: 07/19/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/12/1991
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: 08/27/1990
Date achieved compliance: 06/12/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/1990
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: TSD - General
Date violation determined: 08/22/1989
Date achieved compliance: 11/08/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/23/1989
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

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 - Financial Requirements
Date violation determined: 03/31/1989
Date achieved compliance: 05/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/05/1989
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: 06/07/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/24/1988
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: 06/07/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/24/1988
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 - Financial Requirements
Date violation determined: 06/07/1988
Date achieved compliance: 11/17/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/13/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/18/2004
Evaluation lead agency: State

Evaluation date: 09/13/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 10/18/2004
Evaluation lead agency: State

Evaluation date: 09/13/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/18/2004
Evaluation lead agency: State

Evaluation date: 04/16/1998
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/01/1997
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/26/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/12/1997
Evaluation lead agency: State

Evaluation date: 03/26/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/12/1997
Evaluation lead agency: State

Evaluation date: 08/21/1995
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/03/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Date achieved compliance: 11/16/1995
Evaluation lead agency: State

Evaluation date: 04/03/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/16/1995
Evaluation lead agency: State

Evaluation date: 09/30/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/07/1993
Evaluation lead agency: State

Evaluation date: 09/29/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/19/1992
Evaluation lead agency: State

Evaluation date: 06/12/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/19/1991
Evaluation lead agency: State

Evaluation date: 05/28/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/12/1991
Evaluation lead agency: State

Evaluation date: 06/29/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/22/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/08/1989
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

Evaluation date: 03/31/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/10/1989
Evaluation lead agency: State

Evaluation date: 06/07/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 06/07/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/17/1988
Evaluation lead agency: State

Evaluation date: 06/07/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/15/1988
Evaluation lead agency: State

Evaluation date: 04/01/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 11/20/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001298827

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

CORRACTS:

EPA ID: MID980568836
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 03/30/1990
Action: CA050 - RFA Completed
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID980568836
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1994
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID980568836
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 05/18/1990
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID980568836
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 09/27/1991
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued)

1000213200

NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

NY MANIFEST:

EPA ID: MID980568836
Country: USA
Mailing Name: PONTIAC WEST ASSEMBLY PLANT
Mailing Contact: PONTIAC WEST ASSEMBLY PLANT
Mailing Address: 600 SOUTH SAGINAW STREET
Mailing Address 2: Not reported
Mailing City: PONTIAC
Mailing State: MI
Mailing Zip: 48053
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 313-456-3283

Document ID: NYB9555993
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2003
Trans1 Recv Date: 06/05/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/09/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID980568836
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: 0629746ME
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 06500
Units: P - Pounds
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 03
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A2
Target
Property
GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN
200 SOUTH BLVD WEST
PONTIAC, MI 48341

AST **A100282612**
N/A

Site 2 of 6 in cluster A

Actual:
961 ft.

AST:

Type: ACTIVE
Owner Name: GM - Pontiac Centerpoint Campus - West Engineering
Owner Address: Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip: Pontiac, MI 48341-3128
Owner County: USA
Owner Contact: Waldrop
Owner Telephone: (248) 456-2107
Facility ID: 91063321
District: SE Michigan District Office
Contact: Susan Waldrop
Facility Phone: (248) 456-2107
Tank ID: T3
Tank Status: Currently In Use
Capacity: 5000
Install Date: Sep 3 1996
Close Date: Not reported
Content: FL-GAS
Latitude: 42.6193870000
Longitude: -83.2867980000
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: GM - Pontiac Centerpoint Campus - West Engineering
Owner Address: Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip: Pontiac, MI 48341-3128
Owner County: USA
Owner Contact: Waldrop
Owner Telephone: (248) 456-2107
Facility ID: 91063321
District: SE Michigan District Office
Contact: Susan Waldrop
Facility Phone: (248) 456-2107
Tank ID: T4
Tank Status: Currently In Use
Capacity: 5000
Install Date: Sep 3 1996
Close Date: Not reported
Content: FL-GAS
Latitude: 42.6193870000
Longitude: -83.2867980000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN (Continued)

A100282612

Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

Type: ACTIVE
Owner Name: GM - Pontiac Centerpoint Campus - West Engineering
Owner Address: Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip: Pontiac, MI 48341-3128
Owner County: USA
Owner Contact: Waldrop
Owner Telephone: (248) 456-2107
Facility ID: 91063321
District: SE Michigan District Office
Contact: Susan Waldrop
Facility Phone: (248) 456-2107
Tank ID: T2
Tank Status: Currently In Use
Capacity: 5000
Install Date: Sep 3 1996
Close Date: Not reported
Content: FL-GAS
Latitude: 42.6193870000
Longitude: -83.2867980000
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: GM - Pontiac Centerpoint Campus - West Engineering
Owner Address: Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip: Pontiac, MI 48341-3128
Owner County: USA
Owner Contact: Waldrop
Owner Telephone: (248) 456-2107
Facility ID: 91063321
District: SE Michigan District Office
Contact: Susan Waldrop
Facility Phone: (248) 456-2107
Tank ID: T1
Tank Status: Currently In Use
Capacity: 1500
Install Date: Sep 3 1996
Close Date: Not reported
Content: CL-GAS
Latitude: 42.6193870000
Longitude: -83.2867980000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN (Continued)

A100282612

Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

A3
Target
Property

GMC PONTIAC CENTERPOINT CAMPUS - VALIDATION
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

AIRS **S107697601**
N/A

Site 3 of 6 in cluster A

Actual:
961 ft.

AIRS:
State Registration Number: B4033
Naics Code: 336112
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: B4033
Country: USA
RID: Not reported
Application Reason: Not reported
Record Type: SI
State County FIPS: 26125
Facility Category: 01
SIC Primary: 3711
Site Description: Not reported
NTI Site ID: Not reported
Dunn&Bradstreet No: Not reported
TRIID: Not reported
Submittal Flag: Not reported
Tribal Code: 000
EI Year: 2003

A4
Target
Property

200 S BLVD W
200 S BLVD W
PONTIAC, MI 48341

ERNS **99606911**
N/A

Site 4 of 6 in cluster A

Actual:
961 ft.

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A5
Target
Property

GENERAL MOTORS CORP. - TRUCK PRODUCT CENTER
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

AIRS **S108477257**
N/A

Site 5 of 6 in cluster A

Actual:
961 ft.

AIRS:
State Registration Number: B4033
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS CORP. - TRUCK PRODUCT CENTER (Continued)

S108477257

Contact City,St,Zip: Not reported
Permit Number: Not reported
Date Received: Not reported
State Registration Number: B4033
Country: USA
RID: Not reported
Application Reason: Not reported
Record Type: SI
State County FIPS: 26125
Facility Category: 01
SIC Primary: 3711
Site Description: Not reported
NTI Site ID: Not reported
Dunn&Bradstreet No: Not reported
TRIID: Not reported
Submittal Flag: Not reported
Tribal Code: 000
EI Year: 2000

**A6
Target
Property**

**GM PONTIAC CENTERPOINT CAMPUS
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341**

**NPDES S107792194
N/A**

Site 6 of 6 in cluster A

**Actual:
961 ft.**

MI NPDES:
Permit Number: MIS110423
Permittee PO Box: N
Permittee Email: Not reported
Issue Date: 4/27/2006
Effective Date: 4/27/2006
Expiration Date: 4/1/2011
Permittee Name: General Motors Corporation
Permittee Address: Pontiac Centerpoint Campus-West Engineering
Permittee Addr2: 660 South Boulevard East, Mail Code: 483-634-106
Permittee City,St,Zip: Pontiac, MI 48341
Permit Type: COC
Facility Name 2: Validation Center
Facility Name 3: Not reported
Facility Name 4: Not reported
Designed Name: GM Pontiac Ctrpt-Validation
Latitude: 42.618887999999998
Lat Direction: N
Lat Type Code: LAT
Longitude: -83.286388000000002
Lon Direction: W
Lon Type Code: LON
Hydrologic Unit Code: 4090003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7
NE
< 1/8
0.050 mi.
262 ft.

PONTIAC FUEL INC
45054 WOODWARD RD
PONTIAC, MI 48341

LUST **U003322334**
UST **N/A**

Relative:
Higher

LUST:

Facility ID: 00011837
Source: STATE OF MICHIGAN
Owner Name: Pontiac Fuel Inc
Owner Address: 45054 Woodward Rd
Owner City,St,Zip: Pontiac, MI 48341
Owner Contact: Not reported
Owner Phone: 248-332-3549
Country: USA
District: SE Michigan District Office
Site Name: Pontiac Fuel Stop Inc
Latitude: 42.6197840000
Longitude: -83.2796380000
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-0193-03
Release Date: May 8 2003
Substance Released: Gasoline,Gasoline,Gasoline,Gasoline,Diesel,Kerosene
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00011837
Facility Type: ACTIVE
Latitude: 42.6197840000
Longitude: -83.2796380000
Owner Name: Pontiac Fuel Inc
Owner Address: 45054 Woodward Rd
Owner City,St,Zip: Pontiac, MI 48341
Owner Country: USA
Owner Contact: Not reported
Owner Phone: 248-332-3549
Contact: Mike Ajami
Contact Phone: (734) 332-3549
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: 7
Tank Status: **Currently In Use**
Capacity: 20000
Install Date: May 9 2003
Product: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTIAC FUEL INC (Continued)

U003322334

Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Constr Material: Double Walled, Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 9
Tank Status: Currently In Use
Capacity: 10000
Install Date: May 9 2003
Product: Diesel, Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Constr Material: Double Walled, Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,UNLEADED,8
Remove Date: May 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: C
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jun 14 1991
Product: Gasoline
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTIAC FUEL INC (Continued)

U003322334

Product: Gasoline,REGULAR,8
Remove Date: May 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: A
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jun 14 1991
Product: Gasoline
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

Tank ID: 8
Tank Status: Currently In Use
Capacity: 15000
Install Date: May 9 2003
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Constr Material: Double Walled, Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: B
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jun 14 1991
Product: Gasoline
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

Tank ID: F
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Jun 14 1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTIAC FUEL INC (Continued)

U003322334

Product: Kerosene
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,REGULAR,8
Remove Date: May 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: 4
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,REGULAR,8
Remove Date: May 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: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: May 3 1967
Product: Gasoline,PREMIUM,8
Remove Date: May 17 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: 6
Tank Status: Removed from Ground
Capacity: 4000
Install Date: May 2 1961
Product: Kerosene,8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTIAC FUEL INC (Continued)

U003322334

Remove Date: May 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: D
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jun 14 1991
Product: Gasoline
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

Tank ID: E
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Jun 14 1991
Product: Diesel
Remove Date: May 6 2003
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Lined Interior
Impressed Device: No

8
NNE
< 1/8
0.081 mi.
427 ft.

CRESTVIEW CADILLAC - SUBARU
675 S SAGINAW
PONTIAC, MI 48341

FINDS 1000390143
RCRA-NonGen MID981797483

Relative:
Higher

FINDS:

Registry ID: 110008451692

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: 12/05/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRESTVIEW CADILLAC - SUBARU (Continued)

1000390143

Facility name: CRESTVIEW CADILLAC - SUBARU
Facility address: 675 S SAGINAW
PONTIAC, MI 48341
EPA ID: MID981797483
Mailing address: 555 S. ROCHESTER RD
ROCHESTER, MI 48063
Contact: MICHAEL GOTHAM
Contact address: 675 S SAGINAW
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 333-7021
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
Used 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRESTVIEW CADILLAC - SUBARU (Continued)

1000390143

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: 11/03/1986

Facility name: CRESTVIEW CADILLAC - SUBARU

Classification: Not a generator, verified

Violation Status: No violations found

B9
East
< 1/8
0.093 mi.
489 ft.

MINIT-LUBE
714 WOODWARD
PONTIAC, MI 84119

Site 1 of 4 in cluster B

UST **U003319221**
N/A

Relative:
Higher

UST:

Facility ID: 00000203

Facility Type: CLOSED

Latitude: 42.6190270000

Longitude: -83.2793890000

Owner Name: Quaker State Minit-Lube Inc

Owner Address: 1385 West 2200 South

Owner City,St,Zip: Salt Lake City, UT 84119

Owner Country: USA

Owner Contact: Not reported

Owner Phone: (801) 975-4617

Contact: CAROL M BELLON

Contact Phone: (801) 975-4728

Date of Collection: 01-11-2001

Accuracy: 100

Accuracy Value Unit: FEET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MINIT-LUBE (Continued)

U003319221

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: Aug 13 1987
Product: NEW OIL
Remove Date: Apr 14 1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank
Constr Material: Asphalt Coated or Bare Steel,Cathodically Protected
Steel,Composite(Steel w/Fiberglass),F.G. REINFORCED COAT
Impressed Device: No

B10
East
< 1/8
0.096 mi.
505 ft.

MINIT-LUBE
714 WOODWARD
PONTIAC, MI 48341

Site 2 of 4 in cluster B

Relative:
Higher

FINDS:

Actual:
962 ft.

Registry ID: 110007574687

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: 10/18/1990
Facility name: MINIT-LUBE
Facility address: 714 WOODWARD
PONTIAC, MI 48341
EPA ID: MID985597913
Contact: KEN HARPSTER
Contact address: 714 WOODWARD
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 333-0880
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

FINDS **1000465162**
RCRA-NonGen **MID985597913**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MINIT-LUBE (Continued)

1000465162

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MINIT-LUBE (Continued)

1000465162

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

B11
East
< 1/8
0.098 mi.
519 ft.

DETROIT EDISON CO
44800 WOODWARD AVE
PONTIAC, MI 48341

Site 3 of 4 in cluster B

FINDS 1000366959
RCRA-NonGen MID000718833

Relative:
Higher

FINDS:

Registry ID: 110008442587

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: 09/17/1998
Facility name: DETROIT EDISON CO
Facility address: 44800 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MID000718833
Mailing address: 2000 2ND AVE
DETROIT, MI 48226
Contact: ELIZABETH KRUMBACH
Contact address: 44800 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 235-7553
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: DETROIT EDISON 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: 01/01/1970

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT EDISON CO (Continued)

1000366959

Owner/Op end date: Not reported

Owner/operator name: DETROIT EDISON 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: 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

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

Waste type: Thermostats

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT EDISON CO (Continued)

1000366959

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

Historical Generators:

Date form received by agency: 08/18/1980
Facility name: DETROIT EDISON CO
Classification: Not a generator, verified

Violation Status: No violations found

B12
East
< 1/8
0.098 mi.
519 ft.

DETROIT EDISON CO
44800 WOODWARD AVE
PONTIAC, MI 48341

RCRA-NonGen

1000366988
MID000722546

Site 4 of 4 in cluster B

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 07/25/1997
Facility name: DETROIT EDISON CO
Facility address: 44800 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MID000722546
Mailing address: 2000 2ND AVE
DETROIT, MI 48226
Contact: ELIZABETH KRUMBACH
Contact address: 44800 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 235-7553
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
964 ft.

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: 07/26/1997
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: 07/26/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT EDISON CO (Continued)

1000366988

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: 08/18/1980
Facility name: DETROIT EDISON CO
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

	Site	Database(s)	EDR ID Number EPA ID Number
C13 ESE 1/8-1/4 0.126 mi. 664 ft.	INTERNATIONAL TRANSMISSION COMPANY LLC 44800 WOODWARD AVE PONTIAC, MI 48341 Site 1 of 2 in cluster C	RCRA-CESQG	1007119066 MIK677264236

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 12/16/2003

Facility name: INTERNATIONAL TRANSMISSION COMPANY LLC

Facility address: 44800 WOODWARD AVE

PONTIAC, MI 48341

EPA ID: MIK677264236

Mailing address: 39500 ORCHARD HILL PLACE

NOVI, MI 48375

Contact: STEVEN SCZYTKO

Contact address: 44800 WOODWARD AVE

PONTIAC, MI 48341

Contact country: Not reported

Contact telephone: (248) 374-7100

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: INTERNATIONAL TRANSMISSION CO LLC

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: 03/01/2003

Owner/Op end date: Not reported

Owner/operator name: DTE ENERGY

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: 03/01/2003

Owner/Op end date: Not reported

Owner/operator name: DTE ENERGY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL TRANSMISSION COMPANY LLC (Continued)

1007119066

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: 03/01/2003
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
Used 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL TRANSMISSION COMPANY LLC (Continued)

1007119066

Violation Status: No violations found

C14
ESE
1/8-1/4
0.129 mi.
679 ft.

ARNOLD JEROME CADILLAC SUBARU INC
815 WOODWARD AVE
PONTIAC, MI 48341

Site 2 of 2 in cluster C

FINDS 1000334598
RCRA-NonGen MID981534704

Relative:
Higher

FINDS:

Registry ID: 110008450700

Actual:
967 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, 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: 09/17/1998
Facility name: ARNOLD JEROME CADILLAC SUBARU INC
Facility address: 815 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MID981534704
Mailing address: 675 S SAGINAW
PONTIAC, MI 48341
Contact: JOSEPH SALVADOR
Contact address: 815 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 334-0461
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: NAME NOT REPORTED
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: PONTIAC FARM AND INDUSTRIAL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARNOLD JEROME CADILLAC SUBARU INC (Continued)

1000334598

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: 08/18/1986
Facility name: ARNOLD JEROME CADILLAC SUBARU INC
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

15
East
1/8-1/4
0.140 mi.
741 ft.

HEAT TREAT SERVICES, INC.
245 SOUTH BOULEVARD
PONTIAC, MI 48341

BEA S105542002
N/A

Relative:
Lower

BEA:
Secondary Address: Not reported
BEA Number: 1761
District: Southeast MI
Date Received: 7/24/2002 12:59:00 AM
Submitter Name: Heat Treat Services, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Actual:
959 ft.

D16
ESE
1/8-1/4
0.180 mi.
949 ft.

AUTO CLINIC
44732 WOODWARD AVE
PONTIAC, MI 48341

RCRA-CESQG 1007264615
MIK754376697

Site 1 of 2 in cluster D

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 02/27/2004
Facility name: AUTO CLINIC
Facility address: 44732 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MIK754376697
Contact: JEFF MORAN
Contact address: 44732 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 333-0800
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

Actual:
971 ft.

Owner/Operator Summary:
Owner/operator name: JEFF MORAN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO CLINIC (Continued)

1007264615

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/05/2004
Owner/Op end date: Not reported

Owner/operator name: JEFF MORAN
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: 01/05/2004
Owner/Op end date: Not reported

Owner/operator name: LARRY STONE
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: 01/05/2004
Owner/Op end date: Not reported

Owner/operator name: LARRY STONE
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: 01/05/2004
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO CLINIC (Continued)

1007264615

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

17
NNE
1/8-1/4
0.192 mi.
1012 ft.

**EASTERN OIL
590 S PADDOCK ST
PONTIAC, MI 48341**

**AST 1001156259
N/A**

**Relative:
Lower**

AST:
Type: ACTIVE
Owner Name: Eastern Oil
Owner Address: 590 S Paddock St
Owner City,St,Zip: Pontiac, MI 48341-3236
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (313) 546-6100
Facility ID: 91063068
District: SE Michigan District Office
Contact: MARV FERGUSON
Facility Phone: (248) 333-1333
Tank ID: 9
Tank Status: Currently In Use
Capacity: 18000
Install Date: Not reported
Close Date: Not reported
Content: Hazardous Substance
Latitude: 42.6227020000
Longitude: -83.2807260000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

**Actual:
959 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTERN OIL (Continued)

1001156259

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: Eastern Oil
Owner Address: 590 S Paddock St
Owner City,St,Zip: Pontiac, MI 48341-3236
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (313) 546-6100
Facility ID: 91063068
District: SE Michigan District Office
Contact: MARV FERGUSON
Facility Phone: (248) 333-1333
Tank ID: 10
Tank Status: Currently In Use
Capacity: 18000
Install Date: Not reported
Close Date: Not reported
Content: FL- DEISEL
Latitude: 42.6227020000
Longitude: -83.2807260000
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: Eastern Oil
Owner Address: 590 S Paddock St
Owner City,St,Zip: Pontiac, MI 48341-3236
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (313) 546-6100
Facility ID: 91063068
District: SE Michigan District Office
Contact: MARV FERGUSON
Facility Phone: (248) 333-1333
Tank ID: 11
Tank Status: Currently In Use
Capacity: 18000
Install Date: Aug 11 1992
Close Date: Not reported
Content: FL- Kerosine
Latitude: 42.6227020000
Longitude: -83.2807260000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EASTERN OIL (Continued)

1001156259

Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

18
North
1/8-1/4
0.198 mi.
1043 ft.

CONSUMERS ENERGY - FRANKLIN SUBSTATION
68 W WILSON ST
PONTIAC, MI 48340

FINDS 1000375564
RCRA-NonGen MID981954225

Relative:
Lower

FINDS:

Registry ID: 110008452021

Actual:
959 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, 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: 03/02/1987
Facility name: CONSUMERS ENERGY CO
Facility address: 68 W WILSON ST
PONTIAC, MI 48341
EPA ID: MID981954225
Mailing address: 212 W MICHIGAN AVE
JACKSON, MI 49201
Contact: PATRICK ZOMBO
Contact address: 68 W WILSON ST
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (517) 788-0647
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: NAME NOT REPORTED
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: CONSUMERS ENERGY CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSUMERS ENERGY - FRANKLIN SUBSTATION (Continued)

1000375564

Legal status: Private
Owner/Operator Type: Owner
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

	Site	Database(s)	EDR ID Number EPA ID Number
D19 ESE 1/8-1/4 0.199 mi. 1053 ft.	PONTIAC MEDICAL ASSOCIATES MERCURY SPILL 44696 WOODWARD PONTIAC, MI 48341 Site 2 of 2 in cluster D	CERC-NFRAP	1005440719 MIN000508263

Relative:
Higher

CERC-NFRAP:
Site ID: 0508263
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

Actual:
971 ft.

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: EPA ORC
Contact Name: THOMAS KRUEGER
Contact Tel: (312) 886-0562

Contact Title: Civil Investigator
Contact Name: JOSEPH MALEK
Contact Tel: (312) 353-2007

Contact Title: Enforcement Specialist
Contact Name: CAROL A. ROPSKI
Contact Tel: (312) 353-7647

Program Priority:

Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action: PRP EMERGENCY REMOVAL
Date Started: 10/30/2001
Date Completed: 10/31/2001
Priority Level: Cleaned up

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 07/20/2005
Priority Level: Not reported

20
ESE
1/8-1/4
0.221 mi.
1168 ft.

MEDICAL ASSOCIATES INC
44656 WOODWARD AVE
PONTIAC, MI 48341

RCRA-CESQG **1007097086**
MIK296174477

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 11/02/2001
Facility name: MEDICAL ASSOCIATES INC
Facility address: 44656 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MIK296174477
Contact: EUGENE ROGERS
Contact address: 44656 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 335-5911
Contact email: Not reported
EPA Region: 05

Actual:
971 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL ASSOCIATES INC (Continued)

1007097086

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: EUGENE AND JEANETTE CAMPBELL ROGERS
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: 11/02/2001
Owner/Op end date: Not reported

Owner/operator name: EUGENE AND JEANETTE CAMPBELL ROGERS
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: 11/02/2001
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
Used 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL ASSOCIATES INC (Continued)

1007097086

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

21
South
1/8-1/4
0.245 mi.
1295 ft.

**HOWLAND & LUTHER STREETS
HOWLAND / LUTHER
PONTIAC, MI 48341**

**DEL SHWS S105966048
N/A**

**Relative:
Higher**

DELETED HWS:

Facility ID: 63001014

Status: Delisted - no longer meets criteria specified in rules

**Actual:
984 ft.**

22
East
1/4-1/2
0.255 mi.
1344 ft.

**STOR-MOR PROPERTY
350-400 SOUTH BOULEVARD EAST
PONTIAC, MI**

**BEA S108669949
N/A**

**Relative:
Lower**

BEA:

Secondary Address: Not reported

BEA Number: 3608

District: Southeast MI

Date Received: 7/6/2007 12:59:00 AM

Submitter Name: Comerica Bank

Petition Determination: Affirmed

Petition Disclosure: 1

Category: No Hazardous Substance(s)

Determination 20107A: No Request

**Actual:
954 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STOR-MOR PROPERTY (Continued)

S108669949

Reviewer: mathewsb
Division Assigned: Environmental Response Division

E23
SW
1/4-1/2
0.334 mi.
1764 ft.

TRUCK CENTER
554 FRANKLIN RD
PONTIAC, MI 48341
Site 1 of 2 in cluster E

LUST **U000262877**
UST **N/A**

Relative:
Lower

LUST:
Facility ID: 00021822
Source: STATE OF MICHIGAN
Owner Name: Northtown Bldg & Developer Inc
Owner Address: PO Box 489
Owner City,St,Zip: Livonia, LA 70755-0489
Owner Contact: Not reported
Owner Phone: (504) 627-4533
Country: USA
District: SE Michigan District Office
Site Name: Truck Center
Latitude: 42.6137550000
Longitude: -83.2882620000
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-0473-97
Release Date: Jun 19 1997
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:
Facility ID: 00021822
Facility Type: CLOSED
Latitude: 42.6137550000
Longitude: -83.2882620000
Owner Name: Northtown Bldg & Developer Inc
Owner Address: PO Box 489
Owner City,St,Zip: Livonia, LA 70755-0489
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (504) 627-4533
Contact: AL BROWN
Contact Phone: (248) 557-1609
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRUCK CENTER (Continued)

U000262877

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 10000
Install Date: Jun 25 1976
Product: Diesel
Remove Date: Jun 19 1997
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: 3000
Install Date: Jun 25 1956
Product: Diesel
Remove Date: Jun 19 1997
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: 3000
Install Date: Jun 25 1956
Product: Used Oil
Remove Date: Jun 19 1997
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: 2000
Install Date: Jun 25 1976
Product: Used Oil
Remove Date: Jun 19 1997
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E24
SW
1/4-1/2
0.334 mi.
1764 ft.
LIGHT INDUSTRIAL BUILDING
554 FRANKLIN ROAD
PONTIAC, MI 48341
Site 2 of 2 in cluster E

BEA **S106802536**
N/A

Relative:
Lower

BEA:
Secondary Address: Not reported
BEA Number: 2721
District: Southeast MI
Date Received: 2/17/2005 12:59:00 AM
Submitter Name: 554, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Actual:
960 ft.

F25
East
1/4-1/2
0.397 mi.
2095 ft.
ANKERSON RESOURCE SYSTEMS INC
400 SOUTH BLVD E
PONTIAC, MI 48054
Site 1 of 2 in cluster F

HIST LF **S102519183**
N/A

Relative:
Lower

Historical LF:
Facility ID: 63000002
Status: INACTIVE
Contact: Not reported
Facility Phone: Not reported
Facility Fax: Not reported
Facility Type: Not reported
Facility Email: Not reported
Facility is Open: Not reported
Facility Type: Other
Facility Contact: B RICHARD
County Code: 63
Facility Number: 000002
Staff: Not reported
Active: No
Permit Date: Not reported
Permit Number: Not reported
License Date: / /
License No: Not reported
No Waste: Not reported
Enforcement: Not reported
Exp Letters: Not reported
Operator Name: Not reported
Operator Contact: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Telephone: Not reported
Operator Fax: Not reported
Operator Email: Not reported
Owner Name: ANKERSON RESOURCE SYSTEMS INC.
Owner Contact: Not reported
Attention: B RICHARD ANKERSON
Owner Address: 400 SOUTH BLVD EAST
Owner City,St,Zip: PONTIAC, MI 00000
Owner Telephone: Not reported

Actual:
951 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ANKERSON RESOURCE SYSTEMS INC (Continued)

S102519183

Owner Fax: Not reported
Owner Email: Not reported
District: S.E. Michigan
Section: 04
Permit Applicant: ANKERSON RESOURCE SYSTEMS INC
Permit Applicant Contact: B RICHARD ANKERSON
Permit Applicant Address: 400 SOUTH BLVD EAST
Permit Applicant City,St,Zip: PONTIAC, MI 48054
Permit Applicant Phone: Not reported
Application Type: Private
Liner Information: Not reported
Nature of Wastes Allowed: Not reported
Township: Not reported
Section Number: Not reported
Township Section: Not reported
District: Not reported
Business Type: Not reported
County Description: Not reported
County 2 Description: Not reported
Liner Type: Not reported
Reported Date: Not reported
Amount: 0.00
Financial Instrument: Not reported
Fund Type: Not reported
Issued Date: Not reported
Expires: Not reported
Expiry: Not reported
Licensed: Not reported
Comments: Not reported
Date of Expiry of Current License: Not reported
Acreage Currently Licensed: 0.000
Acres Certified Closed: 0.000
Issue of 1st Construction Permit Date: Not reported
Acres Given in 1st Construction Permit: 0.000
Issue of 2nd Construction Permit Date: Not reported
Acres Given in 2nd Construction Permit: 0.000
Issue of 3rd Construction Permit Date: Not reported
Acres Given in 3rd Construction Permit: 0.000
Restrictive Deed Covenant Filed: Not reported
Perpetual Care Fund Type: Not reported
Perpetual Care Fund Signed: Not reported
Perpetual Care Fund Agreement Signed: Not reported
Groundwater Monitoring System Exists: Not reported
Date landfill Certified Closed: Not reported
Received Waste on or After Oct. 9, 1991: Not reported
Site Monitorable Under Definition of New Rules: Not reported

F26
East
1/4-1/2
0.397 mi.
2095 ft.
GAUKLER STORAGE CO
400 SOUTH BLVD E
PONTIAC, MI 48341
Site 2 of 2 in cluster F

LUST **U003323147**
UST **N/A**

Relative: **LUST:**
Lower Facility ID: 00014737
Source: STATE OF MICHIGAN
Actual: Owner Name: Gaukler Storage Co
951 ft. Owner Address: 400 South Blvd E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAUKLER STORAGE CO (Continued)

U003323147

Owner City,St,Zip: Pontiac, MI 48341-2962
Owner Contact: Not reported
Owner Phone: (248) 858-8000
Country: USA
District: SE Michigan District Office
Site Name: Gaukler Storage Co
Latitude: 42.6193210000
Longitude: -83.2753260000
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-0545-99
Release Date: Jun 9 1999
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Sep 27 1999

UST:

Facility ID: 00014737
Facility Type: CLOSED
Latitude: 42.6193210000
Longitude: -83.2753260000
Owner Name: Gaukler Storage Co
Owner Address: 400 South Blvd E
Owner City,St,Zip: Pontiac, MI 48341-2962
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 858-8000
Contact: GENE STANLEY
Contact Phone: (248) 858-8000
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: Mar 6 1980
Product: Diesel
Remove Date: Apr 9 1999
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Lined Interior
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAUKLER STORAGE CO (Continued)

U003323147

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 5000
Install Date: Mar 6 1980
Product: Gasoline
Remove Date: Jun 9 1999
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,Lined Interior
Impressed Device: No

Tank ID: 3
Tank Status: **Removed from Ground**
Capacity: 5000
Install Date: Mar 6 1980
Product: Gasoline
Remove Date: Jun 9 1999
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,Lined Interior
Impressed Device: No

27
ESE
1/4-1/2
0.422 mi.
2230 ft.

ST JOSEPH MERCY HOSPITAL
44405 WOODWARD AVE
PONTIAC, MI 48341

RCRA-SQG **1000265678**
FINDS **MID067359240**
LUST
UST

Relative:
Higher

RCRA-SQG:

Date form received by agency: 03/01/2002
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Facility address: 44405 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MID067359240
Contact: RODNEY LOSEY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (248) 858-3073
Contact email: Not reported
EPA Region: 05
Land type: Private
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: TRINITY HEALTH
Owner/operator address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

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: SISTERS OF MERCY HEALTH CARE CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
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: NAME NOT REPORTED
Owner/operator address: Not reported
Not reported
Owner/operator country: US
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: TRINITY HEALTH
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: 01/01/1926
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: Unknown
Used oil processor: Unknown
Used oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

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

Waste type: Batteries
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Lamps
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Pesticides
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Thermostats
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 02/05/2002
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Site name: ST JOSEPH MERCY HOSPITAL
Classification: Small Quantity Generator

Date form received by agency: 10/19/2001
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Site name: ST JOSEPH MERCY HOSPITAL
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

Date form received by agency: 05/30/2000
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Classification: Large Quantity Generator

Date form received by agency: 06/25/1996
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Site name: ST JOSEPH MERCY HOSPITAL
Classification: Small Quantity Generator

Date form received by agency: 03/11/1986
Facility name: ST JOSEPH MERCY HOSPITAL / OAKLAND
Site name: ST JOSEPH MERCY HOSPITAL
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
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 - Manifest
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
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: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
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 - Pre-transport
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
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: 10/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/13/1997
Evaluation lead agency: State

Evaluation date: 10/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/13/1997
Evaluation lead agency: State

Evaluation date: 10/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 03/13/1997
Evaluation lead agency: State

Evaluation date: 10/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/13/1997
Evaluation lead agency: State

Evaluation date: 10/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/13/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

Evaluation lead agency: State

FINDS:

Registry ID: 110003602003

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: 00016299
Source: STATE OF MICHIGAN
Owner Name: St Joseph Mercy-Oakland
Owner Address: 44405 Woodward Ave
Owner City,St,Zip: Pontiac, MI 48341-5023
Owner Contact: Not reported
Owner Phone: (248) 858-3000
Country: USA
District: SE Michigan District Office
Site Name: St Joseph Mercy-oakland
Latitude: 42.6152320000
Longitude: -83.2758290000
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-0016-03
Release Date: Jan 10 2003
Substance Released: Diesel
Release Status: Closed
Release Closed Date: May 6 2003

Leak Number: C-0516-02
Release Date: Sep 10 2002
Substance Released: Diesel
Release Status: Closed
Release Closed Date: Feb 10 2003

Leak Number: C-0526-97
Release Date: Jul 9 1997
Substance Released: Diesel
Release Status: Closed
Release Closed Date: Oct 7 1997

Leak Number: C-0555-02
Release Date: Sep 24 2002
Substance Released: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

Release Status: Closed
Release Closed Date: Dec 30 2002

UST:

Facility ID: 00016299
Facility Type: ACTIVE
Latitude: 42.6152320000
Longitude: -83.2758290000
Owner Name: St Joseph Mercy-Oakland
Owner Address: 44405 Woodward Ave
Owner City,St,Zip: Pontiac, MI 48341-5023
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 858-3000
Contact: Gerald R Tilson
Contact Phone: (248) 858-3075
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: B
Tank Status: **Removed from Ground**
Capacity: 2000
Install Date: Apr 25 1967
Product: Diesel
Remove Date: Dec 1 1992
Tank Release Detection: Groundwater Monitoring,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: C
Tank Status: **Removed from Ground**
Capacity: 6000
Install Date: Apr 24 1980
Product: Diesel
Remove Date: Jul 10 1997
Tank Release Detection: Groundwater Monitoring,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: A
Tank Status: **Removed from Ground**
Capacity: 20000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH MERCY HOSPITAL (Continued)

1000265678

Install Date: Apr 25 1967
Product: HEATING OIL
Remove Date: Dec 1 1992
Tank Release Detection: Automatic Tank Gauging,Groundwater Monitoring,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment,Inventory Control,Manual Tank Gauging,Tank Tightness Testing,Vapor Monitoring
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: E
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Jul 1 1997
Product: Diesel
Remove Date: Aug 15 2002
Tank Release Detection: Automatic Tank Gauging,Inter Monitoring Double Walled Tank
Pipe Realease Detection: Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled,Flexible Piping
Piping Type: Suction: No Valve At Tank
Constr Material: Double Walled,Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: D
Tank Status: Currently In Use
Capacity: 10000
Install Date: Sep 16 1992
Product: Diesel
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment,Tank Tightness Testing,Vapor Monitoring
Pipe Realease Detection: Line Tightness Testing
Piping Material: Double Walled
Piping Type: Suction: Valve at Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

28
West
1/4-1/2
0.455 mi.
2402 ft.

PONTIAC STATION #2 PONTIAC FIRE
348 SOUTH BLVD W
PONTIAC, MI 48341

LUST **U003321099**
UST **N/A**

Relative:
Lower

LUST:
Facility ID: 00007475
Source: STATE OF MICHIGAN
Owner Name: City of Pontiac
Owner Address: 47450 Woodward Ave
Owner City,St,Zip: Pontiac, MI 48342-2245
Owner Contact: Not reported
Owner Phone: (248) 857-7611
Country: USA
District: SE Michigan District Office
Site Name: Pontiac Station #2 Pontiac Fire

Actual:
941 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PONTIAC STATION #2 PONTIAC FIRE (Continued)

U003321099

Latitude: 42.6192580000
Longitude: -83.2920300000
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-0198-99
Release Date: Feb 26 1999
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00007475
Facility Type: CLOSED
Latitude: 42.6192580000
Longitude: -83.2920300000
Owner Name: City of Pontiac
Owner Address: 47450 Woodward Ave
Owner City,St,Zip: Pontiac, MI 48342-2245
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 857-7611
Contact: RONALD RAYNER
Contact Phone: (248) 857-7665
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: 550
Install Date: Mar 17 1970
Product: Diesel
Remove Date: Mar 1 1999
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

29
NNW
1/4-1/2
0.463 mi.
2446 ft.

FLO-CO PONTIAC PROPERTY
45700 WOODWARD AVENUE
PONTIAC, MI 48341

BEA **S109345198**
N/A

Relative:
Lower

BEA:

Secondary Address: Not reported
BEA Number: 3993
District: Southeast MI
Date Received: 9/17/2008 12:59:00 AM
Submitter Name: RJ Rosen Properties, L.L.C.
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mitchelf
Division Assigned: Storage Tank Division

Actual:
951 ft.

30
NW
1/2-1
0.523 mi.
2764 ft.

AKZO NOBEL COATINGS INC
120 FRANKLIN ROAD
PONTIAC, MI 48341

SHWS **S107697646**
AIRS **N/A**

Relative:
Lower

SHWS:

Facility ID: 63001092
Facility Status: Evaluation in progress
Source: Paints & Allied Products
SAM Score: 30 out o
SAM Score Date: 1/26/2004
Township: 63
Range: T3N
Section: 10
Quarter: 32
Quarter/Quarter: AD
Pollutants: Not reported

Actual:
929 ft.

AIRS:

State Registration Number: B4145
Naics Code: Not reported
Contact Name: JOHN LINDEMANN
Contact Phone: (248) 253-2531
Contact Address: AKZO NOBEL COATINGS INC
Contact Address 2: 120 FRANKLIN ROAD
Contact City,St,Zip: PONTIAC, MI 48341
Permit Number: 184-06
Date Received: 06/26/06
State Registration Number: B4145
Country: Not reported
RID: Not reported
Application Reason: CONSOLIDATE MANF. PROCESS, SYNTHETIC MINOR OPT-OUT
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AKZO NOBEL COATINGS INC (Continued)

S107697646

TRIID: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
EI Year: Not reported

**31
East
1/2-1
0.948 mi.
5007 ft.**

**Relative:
Lower**

**Actual:
931 ft.**

**GMC TRUCK & COACH DIV PONTIAC EAST
660 S BLVD E
PONTIAC, MI 48053**

**FINDS 1000881766
RCRA-LQG 48058GMCTR82
TRIS
RCRA-TSDF
CORRACTS
CERC-NFRAP
US INST CONTROL
MANIFEST**

FINDS:

Registry ID: 110000404795

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

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.

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.

RCRA-LQG:

Date form received by agency: 02/27/2008

Facility name: GENERAL MOTORS CORPORATION

Facility address: 2100 S OPDYKE RD
PONTIAC, MI 48341

EPA ID: MID005356902

Contact: ROBERT FENN

Contact address: 2100 S OPDYKE RD
PONTIAC, MI 48341

Contact country: Not reported

Contact telephone: (248) 452-2829

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

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: PONTIAC ASSEMBLY CENTER GMVM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

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: 02/25/2002
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS CORPORATION
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: 02/25/2002
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
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: Yes

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

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

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

Waste type: Lamps
Accumulated waste on-site: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Generated waste on-site: Yes

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: Yes

Historical Generators:

Date form received by agency: 08/24/2007

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 03/01/2006

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/27/2006

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 03/01/2004

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/27/2004

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 05/13/2003

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/25/2002

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 12/04/2001

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 04/05/2001

Facility name: GENERAL MOTORS CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/28/2000

Facility name: GENERAL MOTORS CORPORATION

Site name: GM TRUCK GROUP PONTIAC EAST ASSEM.

Classification: Large Quantity Generator

Date form received by agency: 02/26/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST
Classification: Large Quantity Generator

Date form received by agency: 04/19/1996

Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/18/1996

Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990

Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS GROUP
Classification: Large Quantity Generator

Date form received by agency: 11/17/1980

Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2007

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 PENSKEY-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): 1763097.8

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 390

Waste code: D008
Waste name: LEAD
Amount (Lbs): 4880.6

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 3511

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 900

Corrective Action Summary:

Event date: 03/31/1992
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 09/11/1992
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 07/14/1997
Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).

Event date: 06/11/1998
Event: Stabilization Construction Completed

Event date: 09/25/1998
Event: RFI Imposition, Focused data collection required for stabilization evaluation.

Event date: 09/25/1998
Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).

Event date: 12/06/2000
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 12/06/2000
Event: Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 07/20/2001
Event: CA005EE

Event date: 12/19/2002
Event: RFI Approved

Event date: 10/12/2006
Event: Petition For No Further Action Receipt Date

Event date: 12/19/2006
Event: Decision On Petition For No Further Action

Event date: 04/10/2007
Event: CA772PR

Event date: 04/11/2007
Event: CA772PR

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Air Emission Standards - Equipment Leaks
Date violation determined: 03/20/2001
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
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: TSD IS-Air Emission Standards - Tank/Sl/Container
Date violation determined: 03/20/2001
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
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: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
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: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
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 - Manifest
Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
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: 09/30/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Date achieved compliance: 03/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
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 - Manifest
Date violation determined: 09/30/1994
Date achieved compliance: 03/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
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: 08/19/1992
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1992
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: 01/29/1991
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1991
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: 01/29/1991
Date achieved compliance: 04/18/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1991
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: 01/18/1991
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1991
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: 12/03/1990
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
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: 07/06/1990
Date achieved compliance: 04/15/1991
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/28/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 9500
Final penalty amount: 9500
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/06/1990
Date achieved compliance: 04/15/1991
Violation lead agency: EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/18/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 9000
Final penalty amount: 9000
Paid penalty amount: 9000

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/07/1990
Date achieved compliance: 11/06/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/1990
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: 03/07/1990
Date achieved compliance: 11/06/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/1990
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: TSD - Financial Requirements
Date violation determined: 03/31/1989
Date achieved compliance: 05/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/05/1989
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: 09/26/1988
Date achieved compliance: 10/20/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Enforcement action date: 09/12/1988
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 - Financial Requirements
Date violation determined: 08/26/1988
Date achieved compliance: 11/17/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
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: 08/11/1987
Date achieved compliance: 01/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/25/1987
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: TSD - General
Date violation determined: 08/11/1987
Date achieved compliance: 01/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/23/1987
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: TSD - General
Date violation determined: 03/19/1987
Date achieved compliance: 08/25/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

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: 09/19/1986
Date achieved compliance: 10/13/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1986
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: 08/07/1984
Date achieved compliance: 12/04/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1984
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: 03/31/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Air Emission Standards - Equipment Leaks
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/31/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Air Emission Standards - Tank/Sl/Container
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 11/30/2001
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Air Emission Standards - Equipment Leaks
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Air Emission Standards - Tank/Sl/Container

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Air Emission Standards - Equipment Leaks
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 04/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 04/22/1997
Evaluation lead agency: State

Evaluation date: 04/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/22/1997
Evaluation lead agency: State

Evaluation date: 04/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/22/1997
Evaluation lead agency: State

Evaluation date: 04/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/22/1997
Evaluation lead agency: State

Evaluation date: 09/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 03/09/1995
Evaluation lead agency: State

Evaluation date: 09/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/09/1995
Evaluation lead agency: State

Evaluation date: 08/12/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/20/1993
Evaluation lead agency: State

Evaluation date: 05/28/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Evaluation date:	01/29/1991
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	LDR - General
Date achieved compliance:	04/18/1991
Evaluation lead agency:	State
Evaluation date:	01/29/1991
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - General
Date achieved compliance:	04/18/1991
Evaluation lead agency:	State
Evaluation date:	01/18/1991
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - General
Date achieved compliance:	04/18/1991
Evaluation lead agency:	State
Evaluation date:	01/18/1991
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	LDR - General
Date achieved compliance:	04/18/1991
Evaluation lead agency:	State
Evaluation date:	12/03/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	04/18/1991
Evaluation lead agency:	State
Evaluation date:	07/06/1990
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	TSD - General
Date achieved compliance:	04/15/1991
Evaluation lead agency:	EPA
Evaluation date:	06/29/1990
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/07/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	11/06/1990
Evaluation lead agency:	State
Evaluation date:	03/07/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	11/06/1990
Evaluation lead agency:	State
Evaluation date:	03/31/1989
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	TSD - Financial Requirements

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Date achieved compliance: 05/10/1989
Evaluation lead agency: State

Evaluation date: 01/24/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/26/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/20/1988
Evaluation lead agency: State

Evaluation date: 08/26/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/17/1988
Evaluation lead agency: State

Evaluation date: 08/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/12/1988
Evaluation lead agency: State

Evaluation date: 03/19/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/25/1987
Evaluation lead agency: State

Evaluation date: 09/19/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/13/1986
Evaluation lead agency: State

Evaluation date: 04/01/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/02/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/07/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/04/1984
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

CORRACTS:

EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: J-LOT
Actual Date: 04/10/2007
Action: CA772PR
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 04/11/2007
Action: CA772PR
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 06/11/1998
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 07/14/1997
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Area Name: ENTIRE FACILITY
Actual Date: 09/11/1992
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported
EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 09/25/1998
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported
EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 09/25/1998
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported
EPA ID: MID005356902
EPA Region: 5
Area Name: J-LOT
Actual Date: 10/12/2006
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported
EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 12/06/2000
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported
EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Actual Date: 12/06/2000
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 12/19/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 5
Area Name: J-LOT
Actual Date: 12/19/2006
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

CERC-NFRAP:
Site ID: 0502273
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

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

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 05/01/1983
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Date Completed: 11/01/1983
Priority Level: Not reported

Action: HRS PACKAGE
Date Started: Not reported
Date Completed: 11/01/1983
Priority Level: NFRAP: No further Remedial Action planned

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 11/01/1983
Priority Level: NFRAP: No further Remedial Action planned

US INST CONTROL:

EPA ID: MID005356902
Site ID: Not reported
Name: GENERAL MOTORS CORPORATION
Action Name: Not reported
Address: 2100 S OPDYKE RD
PONTIAC, MI 48341

EPA Region: 5
County: OAKLAND
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: 11-Apr-07
Comple. Date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported

NY MANIFEST:

EPA ID: MID005356902
Country: USA
Mailing Name: GENERAL MOTORS
Mailing Contact: STEVEN F JENSEN
Mailing Address: 700 SOUTH BLVD EAST BLDG#43
Mailing Address 2: Not reported
Mailing City: PONTIAC
Mailing State: MI
Mailing Zip: 48341
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 810-456-7367

Document ID: NYB6630093
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY86424Z
Trans2 State ID: Not reported
Generator Ship Date: 941006
Trans1 Recv Date: 941006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941024
Part A Recv Date: 941017
Part B Recv Date: 941102
Generator EPA ID: MID005356902
Trans1 EPA ID: ILD099202681

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	F001 - UNKNOWN
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported
Document ID:	NYB7405821
Manifest Status:	Completed copy
Trans1 State ID:	10210PNY
Trans2 State ID:	Not reported
Generator Ship Date:	951205
Trans1 Recv Date:	951205
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	951207
Part A Recv Date:	960117
Part B Recv Date:	951226
Generator EPA ID:	MID005356902
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSD ID:	NYD049836679
Waste Code:	B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity:	00330
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Mgmt Method Type Code: Not reported

Document ID: NYB8122338
Manifest Status: Completed copy
Trans1 State ID: 11339PNY
Trans2 State ID: Not reported
Generator Ship Date: 950828
Trans1 Recv Date: 950828
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950906
Part A Recv Date: 960716
Part B Recv Date: 950919
Generator EPA ID: MID005356902
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00918
Units: K - Kilograms (2.2 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00918
Units: K - Kilograms (2.2 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB7406739
Manifest Status: Completed copy
Trans1 State ID: NY10210P
Trans2 State ID: Not reported
Generator Ship Date: 960112
Trans1 Recv Date: 960112
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960115
Part A Recv Date: 960215
Part B Recv Date: 960131
Generator EPA ID: MID005356902

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity: 00605
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 011
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB8373069
Manifest Status: Completed copy
Trans1 State ID: 10211PNY
Trans2 State ID: Not reported
Generator Ship Date: 960911
Trans1 Recv Date: 960911
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960913
Part A Recv Date: 961015
Part B Recv Date: 961003
Generator EPA ID: MID005356902
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00125
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00125
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC TRUCK & COACH DIV PONTIAC EAST (Continued)

1000881766

Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

Document ID: NYB9555984
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 03/12/2003
Trans1 Recv Date: 03/12/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005356902
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: 0629746ME
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 03
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

G32
NNW
1/2-1
0.957 mi.
5053 ft.

CITY OF PONTIAC
55 WESSEN STREET
PONTIAC, MI 48341
Site 1 of 2 in cluster G

SHWS **S107793863**
NPDES **N/A**

Relative:
Lower

SHWS:
Facility ID: 63001017
Facility Status: Interim Response in progress
Source: Gas Production & Distribution
SAM Score: 32 out o
SAM Score Date: 2/12/2004

Actual:
932 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF PONTIAC (Continued)

S107793863

Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

MI NPDES:

Permit Number: MIG610023
Permittee PO Box: N
Permittee Email: Not reported
Issue Date: 12/16/2003
Effective Date: 12/16/2003
Expiration Date: 4/1/2008
Permittee Name: City of Pontiac
Permittee Address: 55 Wessen Street
Permittee Addr2: Not reported
Permittee City,St,Zip: Pontiac, MI 48341
Permit Type: COC
Facility Name 2: Not reported
Facility Name 3: Not reported
Facility Name 4: Not reported
Designed Name: Pontiac MS4-Oakland
Latitude: Not reported
Lat Direction: Not reported
Lat Type Code: Not reported
Longitude: Not reported
Lon Direction: Not reported
Lon Type Code: Not reported
Hydrologic Unit Code: 4090003

G33
NNW
1/2-1
0.957 mi.
5053 ft.

CITY GAS WORKS
55 WESSEN STREET
PONTIAC, MI 48341

Manufactured Gas Plants **1008408145**
N/A

Site 2 of 2 in cluster G

Relative:
Lower

Manufactured Gas Plants:

Alternate Name: MRS. L.R. MEDBURY PONTIAC GAS WORKS; PONTIAC LIGHT CO GAS WORKS;
MICHIGAN LIGHT CO; CONSUMERS POWER CO.

Actual:
932 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMFIELD HILLS	S103594527	SHELL DRY WELL 1 TELEGRAPH	1415 TELEGRAPH @ GOLF	48302	SHWS
PONTIAC	8717246	BANK PARKING LOT	BANK PARKING LOT		ERNS
PONTIAC	2007309762	SOUTH BLVD	SOUTH BLVD		ERNS
PONTIAC	2003650655	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	94396097	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	90163330	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	90159360	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	90164074	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	8856416	660 SOUTH BLVD GENERAL MOTORS	660 SOUTH BLVD GENERAL MOTORS		ERNS
PONTIAC	2002619312	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	2002621744	660 SOUTH BLVD	660 SOUTH BLVD		ERNS
PONTIAC	8717355	660 SOUTH BLVD, GM PLANT	660 SOUTH BLVD, GM PLANT		ERNS
PONTIAC	1003834459	GM TRUCK AND BUS PONTIAC CENTRAL	660 S. BLVD. E	48341	SHWS
PONTIAC	2007309756	SOUTH BOULEVARD AND SANFORD CROSSI	SOUTH BOULEVARD AND SANFORD CR		ERNS
PONTIAC	U003758789	FORMER WINTER PROPERTY	560 S BOULEVARD EAST	48341	LUST, UST
PONTIAC	93313361	I-75 FROM DETROIT TO FLINT, 1 MILE	I-75 FROM DETROIT TO FLINT, 1		ERNS
PONTIAC	94386566	GENERAL MOTORS TRUCK PONTIAC CENTR	GENERAL MOTORS TRUCK PONTIAC C		ERNS
PONTIAC	1000331099	SUNOCO INC	7660 HIGHLAND RD	48341	FINDS, RCRA-NonGen
PONTIAC	1000465135	MINIT-LUBE	7585 HIGHLAND RD	48341	FINDS, RCRA-NonGen
PONTIAC	S107135829	HOWLAND AND LUTHER STREETS, VACANT	HOWLAND AND LUTHER STREETS		BROWNFIELDS
PONTIAC	89113305	619 SOUTH OPOYKE ST	619 SOUTH OPOYKE ST		ERNS
PONTIAC	S107135831	WIDETRACK AT WESSON STREET, VACANT	WIDE TRACK AT WESSON STREET		BROWNFIELDS
PONTIAC	S105144543	ASPHALT SPECIALIST INC	1908 WIDE TRACK DRIVE	48342	SHWS, DEL SHWS
PONTIAC	S107135866	SUN VALLEY PROPERTIES	45108 WOODWARD AVENUE (FORMERL	48341	BROWNFIELDS
PONTIAC	U001147877	WOODWARD OFFICE PLAZA	800 WOODWARD AVE	48341	LUST, UST
PONTIAC	U001147975	SPEEDY MUFFLER KING	810 WOODWARD AVE	48341	LUST, UST

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	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	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 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: 06/29/2009	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 07/31/2009	Telephone: N/A
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 52	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	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 41	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	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/09/2009
Number of Days to Update: 19	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	Source: EPA
Date Data Arrived at EDR: 07/01/2009	Telephone: 800-424-9346
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/31/2009
Number of Days to Update: 82	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6271
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 14	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	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 28	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	Source: EPA Region 6
Date Data Arrived at EDR: 08/26/2009	Telephone: 214-665-6597
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 26	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	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 25	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/09/2009	Telephone: 415-972-3372
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 104	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	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	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	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 10
Date Data Arrived at EDR: 08/21/2009	Telephone: 206-553-2857
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 31	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	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/21/2009
Number of Days to Update: 76	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	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 14	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	Source: EPA Region 9
Date Data Arrived at EDR: 06/04/2009	Telephone: 415-972-3368
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 08/17/2009
Number of Days to Update: 109	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	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, Detroit 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 its 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, 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 Transportation, 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 09/10/2009
Number of Days to Update: 25	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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	Source: EPA
Date Data Arrived at EDR: 05/19/2009	Telephone: 202-564-4203
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/14/2009
Number of Days to Update: 125	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2009	Telephone: 202-564-5088
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 07/13/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 05/20/2009	Telephone: 202-566-0500
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/05/2009
Number of Days to Update: 9	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	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/13/2009	Telephone: 301-415-7169
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/21/2009
Number of Days to Update: 70	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/28/2009	Telephone: 202-343-9775
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/28/2009
Number of Days to Update: 55	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	Source: EPA
Date Data Arrived at EDR: 07/28/2009	Telephone: (312) 353-2000
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 09/18/2009
Number of Days to Update: 55	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

© 2009 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1306-2 PCC VALIDATION SOUTH PARKING LOT
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

TARGET PROPERTY COORDINATES

Latitude (North):	42.61900 - 42° 37' 8.4"
Longitude (West):	83.2823 - 83° 16' 56.3"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	312818.8
UTM Y (Meters):	4720817.5
Elevation:	961 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42083-E3 PONTIAC SOUTH, MI
Most Recent Revision:	1997
North Map:	42083-F3 PONTIAC NORTH, MI
Most Recent Revision:	1997

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.

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).

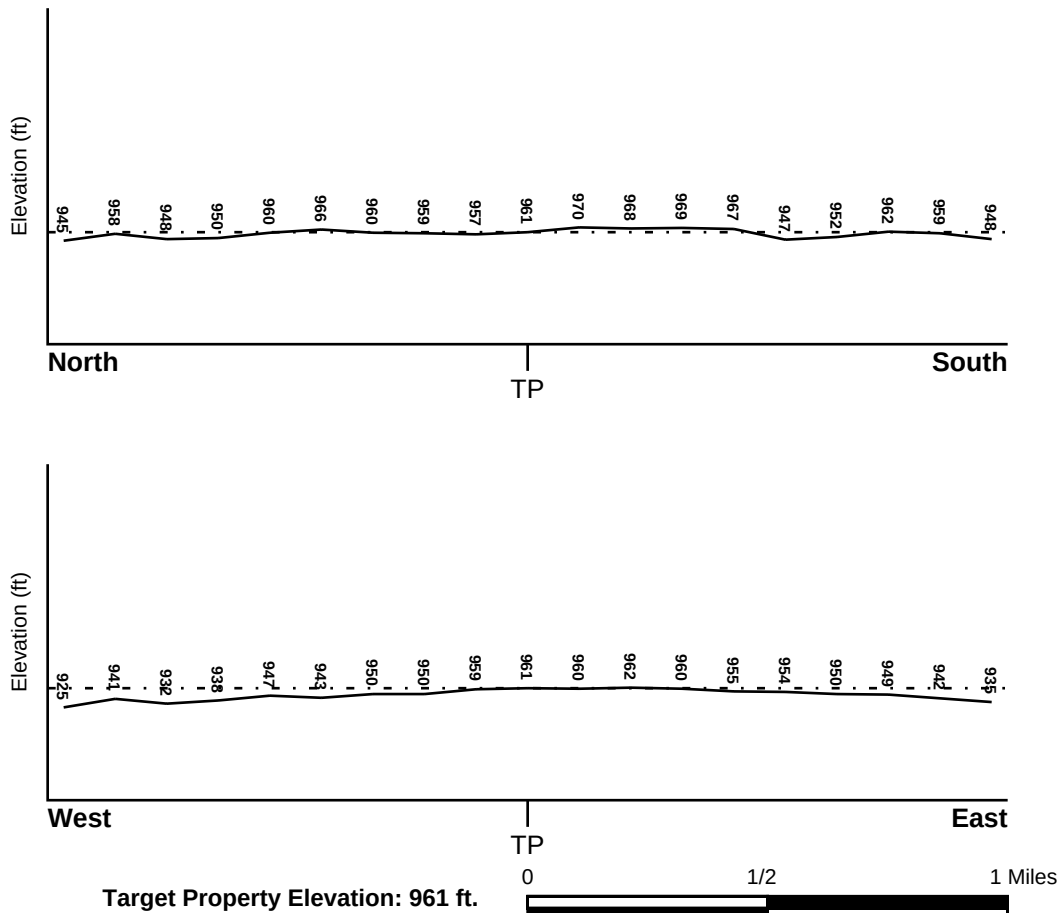
TOPOGRAPHIC INFORMATION

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 NW

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.

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

<u>Target Property County</u>	<u>FEMA Flood</u>
OAKLAND, MI	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2601770010B

Additional Panels in search area: 2601690005B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
PONTIAC SOUTH	<u>Data Coverage</u>
	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.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
3	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>
	1/2 - 1 Mile NNW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©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

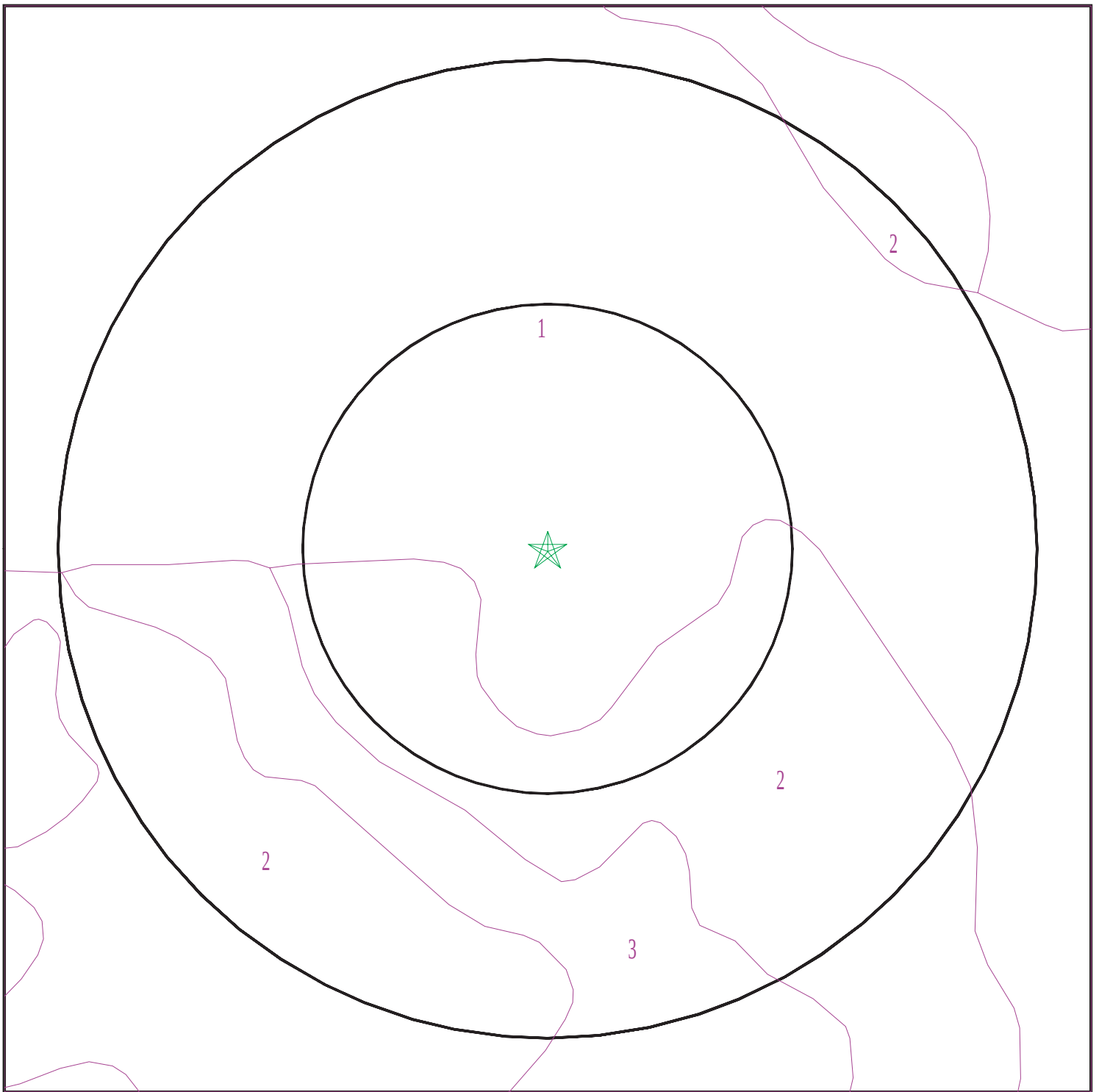
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 (<i>decoded above as Era, System & Series</i>)

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).

SSURGO SOIL MAP - 2601306.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 1306-2 PCC Validation South Parking Lot
ADDRESS: 200 South Boulevard West
Pontiac MI 48341
LAT/LONG: 42.6190 / 83.2823

CLIENT: LFR Inc
CONTACT: Sean Drain
INQUIRY #: 2601306.2s
DATE: September 28, 2009 1:13 pm

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: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 130 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

No Layer Information available.

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

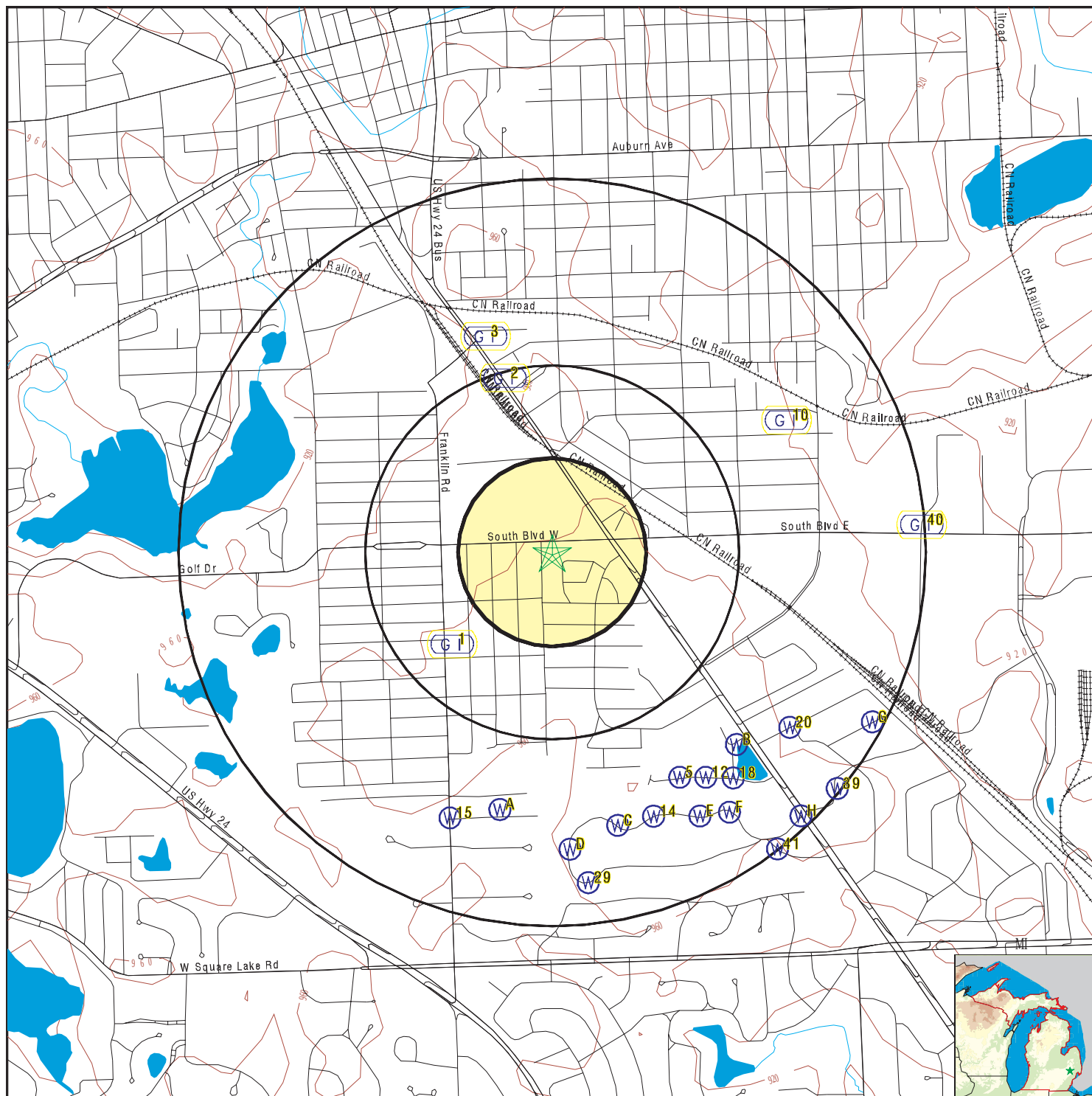
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A4	MI20244876	1/2 - 1 Mile SSW
5	MI20261282	1/2 - 1 Mile SSE
B6	MI20244880	1/2 - 1 Mile SE
B7	MI20244879	1/2 - 1 Mile SE
B8	MI20260415	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A9	MI20244878	1/2 - 1 Mile South
A11	MI20244877	1/2 - 1 Mile South
12	MI20244882	1/2 - 1 Mile SE
C13	MI20244874	1/2 - 1 Mile SSE
14	MI20244870	1/2 - 1 Mile SSE
15	MI20244875	1/2 - 1 Mile SSW
D16	MI20244873	1/2 - 1 Mile South
C17	MI20244872	1/2 - 1 Mile SSE
18	MI20244881	1/2 - 1 Mile SE
E19	MI20244869	1/2 - 1 Mile SSE
20	MI20244861	1/2 - 1 Mile SE
D21	MI20260960	1/2 - 1 Mile South
E22	MI20244868	1/2 - 1 Mile SSE
E23	MI20244867	1/2 - 1 Mile SSE
D24	MI20259540	1/2 - 1 Mile South
F25	MI20244866	1/2 - 1 Mile SE
F26	MI20244865	1/2 - 1 Mile SE
F27	MI20244862	1/2 - 1 Mile SE
F28	MI20244864	1/2 - 1 Mile SE
29	MI20244871	1/2 - 1 Mile South
G30	MI20244846	1/2 - 1 Mile ESE
G31	MI20244848	1/2 - 1 Mile ESE
G32	MI20244847	1/2 - 1 Mile ESE
H33	MI20244883	1/2 - 1 Mile SE
H34	MI20244884	1/2 - 1 Mile SE
G35	MI20244858	1/2 - 1 Mile ESE
G36	MI20244849	1/2 - 1 Mile ESE
G37	MI20244850	1/2 - 1 Mile ESE
G38	MI20244851	1/2 - 1 Mile ESE
39	MI20261704	1/2 - 1 Mile SE
41	MI20244863	1/2 - 1 Mile SE

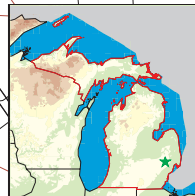
PHYSICAL SETTING SOURCE MAP - 2601306.2s



- 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

0 1/4 1/2 1 Miles



SITE NAME: 1306-2 PCC Validation South Parking Lot
 ADDRESS: 200 South Boulevard West
 Pontiac MI 48341
 LAT/LONG: 42.6190 / 83.2823

CLIENT: LFR Inc
 CONTACT: Sean Drain
 INQUIRY #: 2601306.2s
 DATE: September 28, 2009 1:13 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

3	Site ID:	635150		
NNW	Groundwater Flow:	Not Reported	AQUIFLOW	35290
1/2 - 1 Mile	Shallowest Water Table Depth:	6.36		
Lower	Deepest Water Table Depth:	10.28		
	Average Water Table Depth:	Not Reported		
	Date:	11/21/1994		

A4			MI WELLS	MI20244876
SSW				
1/2 - 1 Mile				
Lower				

Wellid:	63000003900	Import id:	63028004016
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JUDY HUDALLA		
Well addr:	395 FREMONT		
Well depth:	111		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1584
Const date:	1985-11-02 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	107		
Screen to:	111		
Swl:	75		
Test depth:	85		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60960575		
Longitude:	-83.28538983		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	31
Pct aq d:	31	Pct aq r:	0
Pct maq:	14	Pct maq d:	14
Pct maq r:	0	Pct cm:	47
Pct cm d:	47	Pct cm r:	0
Pct pcm:	8	Pct pcm d:	8
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:	6	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	36	A pct aq2:	28

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	72	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:	55
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	55	Pct maq 2:	0
Pct cm 2:	45	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	15	Pct cm 3:	85
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	30	Pct maq 4:	65
Pct cm 4:	5	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:	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:	36		
Horiz Conduct:	27.77785		
Vert Conduct:	.00014		
T2:	1000.0026		
D50plek:	62.6361		

5
SSE
1/2 - 1 Mile
Higher

MI WELLS MI20261282

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000021959	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	YVONNE JACQUES		
Well addr:	55 W. HIGHLAND DR.		
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1926
Const date:	2002-05-30 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	65		
Test depth:	80		
Test hours:	1		
Test rate:	20	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	42.6102817		
Longitude:	-83.27559769		
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:	977	Elev dif:	977
Elev miv:	977	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	35
Pct aq d:	35	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	49
Pct cm d:	49	Pct cm r:	0
Pct pcm:	16	Pct pcm d:	16
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 thickness:	15	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	39	A pct aq2:	54
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	46	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:	0
Pct maq 1:	0	Pct cm 1:	60
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:	70
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	30	Pct na 3:	0
Pct aq 4:	15	Pct maq 4:	0
Pct cm 4:	85	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	75
Pct maq 5:	0	Pct cm 5:	25
Pct pcm 5:	0	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	39		
Horiz Conduct:	53.8462		
Vert Conduct:	.00022		
T2:	2100.0018		
D50plek:	137.07564		

**B6
SE
1/2 - 1 Mile
Higher**

MI WELLS MI20244880

Wellid:	63000003904	Import id:	63028004020
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	DONALD GOCELLA		
Well addr:	234 HADSELL		
Well depth:	147.3		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1979-06-20 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	145.3		
Screen frm:	142		
Screen to:	147		
Swl:	94		
Test depth:	130		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.61159115		
Longitude:	-83.27270803		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	971	Elev dif:	23
Elev miv:	948	Aq code:	Not Reported
Aq flag:	Lithology Problem (Drift under Rock)		
Pct aq d:	0	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:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	41	A pct aq:	68
A pct maq:	0	A pct pcm:	0
A pct cm:	2	A pct na:	29
A thickns2:	53	A pct aq2:	53
A pct maq2:	0	A pct pcm2:	23
A pct cm2:	2	A pct na2:	23
A hit swl:	F	A hit top:	F
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:	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:	30
Pct maq 3:	0	Pct cm 3:	35
Pct pcm 3:	35	Pct na 3:	0
Pct aq 4:	20	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	80
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

**B7
SE
1/2 - 1 Mile
Higher**

MI WELLS MI20244879

Wellid:	63000003903	Import id:	63028004019
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MARY L SCZESNY		
Well addr:	40 HADSELL		
Well depth:	122		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1929
Const date:	1991-12-27 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	108		
Screen frm:	108		
Screen to:	113		
Swl:	100		
Test depth:	122		
Test hours:	1		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61181965		
Longitude:	-83.27219313		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	971	Elev dif:	23
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	24
Pct aq d:	24	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	12
Pct cm d:	12	Pct cm r:	0
Pct pcm:	64	Pct pcm d:	64
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:	13	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	13	A pct aq2:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	0
Pct maq 1:	0	Pct cm 1:	60
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	15	Pct pcm 2:	85
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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	35
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	65	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		

B8
SE
1/2 - 1 Mile
Lower

MI WELLS MI20260415

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000021005	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	12
Owner name:	GHANS & SAHIB MALIK		
Well addr:	1130 SQUARE LAKE ROAD		
Well depth:	88		
Well type:	Irrigation		
Wssn:	0		
Well num:	Not Reported	Driller id:	2053
Const date:	2002-11-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	78		
Screen frm:	78		
Screen to:	88		
Swl:	17		
Test depth:	25		
Test hours:	1		
Test rate:	30	Test methd:	Air
Grouted:	1	Pmp cpcity:	18
Latitude:	42.61124372		
Longitude:	-83.2729562		
Methd coll:	Address Matching-House Number		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	964	Elev dif:	964
Elev miv:	964	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	28
Pct aq d:	28	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	66
Pct cm d:	66	Pct cm r:	0
Pct pcm:	6	Pct pcm d:	6
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:	28	A pct aq:	82
A pct maq:	0	A pct pcm:	18
A pct cm:	0	A pct na:	0
A thickns2:	71	A pct aq2:	35
A pct maq2:	0	A pct pcm2:	7
A pct cm2:	58	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Fine	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:	10
Pct maq 3:	0	Pct cm 3:	90
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	75	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	25
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	N	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

A9 South 1/2 - 1 Mile Lower

MI WELLS MI20244878

Wellid:	63000003902	Import id:	63028004018
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES L WRIGHT		
Well addr:	370 FURSE		
Well depth:	120		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1977-06-16 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	120		
Screen frm:	115		
Screen to:	120		
Swl:	82		
Test depth:	112		
Test hours:	6		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60874735		
Longitude:	-83.28475103		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	27
Pct aq d:	27	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:	73	Pct pcm d:	73
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:	24	A pct aq:	71
A pct maq:	0	A pct pcm:	29
A pct cm:	0	A pct na:	0
A thickns2:	38	A pct aq2:	45
A pct maq2:	0	A pct pcm2:	55
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel & 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:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	15
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	85	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	38		
Horiz Conduct:	22.37063		
Vert Conduct:	.00258		
T2:	850.084		
D50plek:	56.69478		

A11
South
1/2 - 1 Mile
Lower

MI WELLS MI20244877

Wellid:	63000003901	Import id:	63028004017
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES BURNS		
Well addr:	380 FURSE		
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1757
Const date:	1989-10-17 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	45		
Test depth:	85		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60874285		
Longitude:	-83.28496873		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	20
Pct aq d:	20	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	80
Pct cm d:	80	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:	59	A pct aq2:	36

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	64	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	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:	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:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	85
Pct maq 5:	0	Pct cm 5:	15
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:	59		
Horiz Conduct:	106.77973		
Vert Conduct:	.00016		
T2:	6300.0038		
D50plek:	588.93521		

12
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244882

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003908	Import id:	63028004024
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JOHN G KING		
Well addr:	136 HIGHLAND DR		
Well depth:	137		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1981-01-26 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	137.5		
Screen frm:	132		
Screen to:	137		
Swl:	95		
Test depth:	123		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.61028295		
Longitude:	-83.27422743		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	971	Elev dif:	23
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	20
Pct aq d:	20	Pct aq r:	0
Pct maq:	1	Pct maq d:	1
Pct maq r:	0	Pct cm:	9
Pct cm d:	9	Pct cm r:	0
Pct pcm:	29	Pct pcm d:	29
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 thickness:	42	A pct aq:	60
A pct maq:	2	A pct pcm:	0
A pct cm:	0	A pct na:	38
A thickns2:	42	A pct aq2:	60
A pct maq2:	2	A pct pcm2:	0
A pct cm2:	0	A pct na2:	38
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Lithology Unknown
A sc lmod1:	Not Reported	A sc lmaq1:	NA
A sc lpct1:	60	A sc lith2:	Sand
A sc lmod2:	Very Fine	A sc lmaq2:	AQ
A sc lpct2:	40	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	60
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	60	Pct na 3:	40
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	10
Pct maq 5:	10	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	80

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 6:	80	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	20	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		

**C13
SSE
1/2 - 1 Mile
Higher**

MI WELLS MI20244874

Wellid:	63000003898	Import id:	63028004014
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MICHAEL W ROSS		
Well addr:	355 N BERKSHIRE		
Well depth:	137		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	413
Const date:	1992-07-12 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	133		
Screen frm:	133		
Screen to:	137		
Swl:	78		
Test depth:	105		
Test hours:	2		
Test rate:	60	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60862545		
Longitude:	-83.27930003		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	977	Elev dif:	29
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	7
Pct aq d:	7	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	26
Pct cm d:	26	Pct cm r:	0
Pct pcm:	67	Pct pcm d:	67
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:	59	A pct aq2:	17
A pct maq2:	0	A pct pcm2:	83
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	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:	75	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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	59		
Horiz Conduct:	4.24559		
Vert Conduct:	.01204		
T2:	250.49		
D50plek:	27.7623		

14 SSE 1/2 - 1 Mile Higher

MI WELLS MI20244870

Wellid:	63000003894	Import id:	63028004010
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	ROBERT C WILSON		
Well addr:	236 N BERKSHIRE		
Well depth:	138		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	463
Const date:	1990-03-02 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	133		
Screen frm:	133		
Screen to:	138		
Swl:	95		
Test depth:	0		
Test hours:	1		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60877405		
Longitude:	-83.27696503		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	977	Elev dif:	29
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	11
Pct aq d:	11	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	73
Pct cm d:	73	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:	37	A pct aq:	41
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	59
A thickns2:	43	A pct aq2:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	14	A pct na2:	51
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Medium	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:	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:	8	Pct maq 6:	0
Pct cm 6:	4	Pct pcm 6:	0
Pct na 6:	88	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		

15
SSW
1/2 - 1 Mile
Lower

MI WELLS MI20244875

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003899	Import id:	63028004015
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	PERCY E MC CONNER		
Well addr:	1421 FRANKLIN RD		
Well depth:	126		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1980-04-21 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	124		
Screen frm:	121		
Screen to:	126		
Swl:	79		
Test depth:	105		
Test hours:	0		
Test rate:	28	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60870865		
Longitude:	-83.28765193		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	951	Elev dif:	3
Elev miv:	948	Aq code:	Not Reported
Aq flag:	Lithology Problem (Drift under Rock)	Not aq:	0
Pct aq d:	0	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:	-9
D r type:	Not Reported	Spc cpcity:	0
A thickness:	47	A pct aq:	6
A pct maq:	0	A pct pcm:	26
A pct cm:	0	A pct na:	68
A thickns2:	47	A pct aq2:	6
A pct maq2:	0	A pct pcm2:	26
A pct cm2:	0	A pct na2:	68
A hit swl:	T	A hit top:	F
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:	35
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	65
Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	55	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	100
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	15	Pct na 5:	85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

D16 South 1/2 - 1 Mile Lower

MI WELLS MI20244873

Wellid:	63000003897	Import id:	63028004013
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	AWTAR SINGH AJIMAL		
Well addr:	345 S BERKSHIRE		
Well depth:	144.5		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1973-09-11 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	139		
Screen frm:	139		
Screen to:	144.5		
Swl:	105		
Test depth:	1		
Test hours:	1.5		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60795385		
Longitude:	-83.28130813		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	964	Elev dif:	16
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21
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:	40	A pct aq:	15
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	85
A thickns2:	40	A pct aq2:	15
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	85
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Lithology Unknown
A sc lmod1:	Not Reported	A sc lmaq1:	NA
A sc lpct1:	73	A sc lith2:	Lithology Unknown
A sc lmod2:	Not Reported	A sc lmaq2:	NA
A sc lpct2:	27	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:	25	Pct pcm 2:	0
Pct na 2:	75	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	25
Pct pcm 3:	0	Pct na 3:	75
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100
Pct aq 6:	24	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	76	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

C17
SSE
1/2 - 1 Mile
Higher

MI WELLS MI20244872

Wellid:	63000003896	Import id:	63028004012
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	EVERETT POTEET		
Well addr:	275 N BERKSHIRE		
Well depth:	275		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	110
Const date:	1971-01-25 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	271		
Screen frm:	0		
Screen to:	0		
Swl:	96		
Test depth:	130		
Test hours:	6		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60821395		
Longitude:	-83.27840113		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet		
Swl flag:	Not Reported		
Elev dem:	977	Elev dif:	29
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	3
Pct aq d:	3	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:	26	Pct pcm d:	26
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
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:	0	Pct pcm 4:	60
Pct na 4:	40	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	100	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	100
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	100	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	100
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		

18
SE
1/2 - 1 Mile
Lower

MI WELLS MI20244881

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003907	Import id:	63028004023
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	STANLEY GAUFF		
Well addr:	133 HIGHLAND DR		
Well depth:	178		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	140
Const date:	1992-03-04 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	174		
Screen frm:	174		
Screen to:	178		
Swl:	92		
Test depth:	100		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61025675		
Longitude:	-83.27278473		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	961	Elev dif:	13
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	29
Pct aq d:	29	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:	53	Pct pcm d:	53
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 thickness:	11	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	86	A pct aq2:	59
A pct maq2:	0	A pct pcm2:	41
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel & 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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	35
Pct na 2:	65	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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	35
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	65	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	32
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	68	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:	86		
Horiz Conduct:	29.65523		
Vert Conduct:	.02456		
T2:	2550.35		
D50plek:	363.47024		

E19
SSE
1/2 - 1 Mile
Higher

MI WELLS MI20244869

Wellid:	63000003893	Import id:	63028004009
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	GERALD CORKINS		
Well addr:	213 N BERKSHIRE		
Well depth:	160		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	817
Const date:	1969-02-28 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	156		
Screen frm:	156		
Screen to:	160		
Swl:	125		
Test depth:	125		
Test hours:	3		
Test rate:	30	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60881455		
Longitude:	-83.27526413		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	28
Pct aq d:	28	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	41
Pct cm d:	41	Pct cm r:	0
Pct pcm:	31	Pct pcm d:	31
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:	35	A pct aq2:	29
A pct maq2:	0	A pct pcm2:	71
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	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:	50	Pct maq 2:	0
Pct cm 2:	50	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:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	100
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:	100
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	100	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	35		
Horiz Conduct:	28.57857		
Vert Conduct:	.014		
T2:	1000.25		
D50plek:	60.91047		

20
SE
1/2 - 1 Mile
Lower

MI WELLS MI20244861

Wellid:	63000003885	Import id:	63028004001
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	ALVIN E TAYLOR		
Well addr:	135 BLOOMFIELD BD		
Well depth:	125		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1968-07-08 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	120		
Screen frm:	120		
Screen to:	125		
Swl:	100		
Test depth:	121		
Test hours:	2.5		
Test rate:	12	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.61221715		
Longitude:	-83.26982473		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	958	Elev dif:	10
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	34
Pct aq d:	34	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	1
Pct cm d:	1	Pct cm r:	0
Pct pcm:	40	Pct pcm d:	40
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:	25	A pct aq:	96
A pct maq:	0	A pct pcm:	0
A pct cm:	4	A pct na:	0
A thickns2:	25	A pct aq2:	96

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	4	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Medium To 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:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	50	Pct na 3:	50
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	95
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	5
Pct aq 6:	96	Pct maq 6:	0
Pct cm 6:	4	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:	25		
Horiz Conduct:	74		
Vert Conduct:	.0025		
T2:	1850.0001		
D50plek:	77.91476		

D21
South
1/2 - 1 Mile
Lower

MI WELLS MI20260960

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000021608	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	BRUCE LAUNIE		
Well addr:	320 N. BERKSHIRE		
Well depth:	121		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1701
Const date:	2003-04-14 00:00:00.000	Case type:	Steel
Case dia:	4		
Case depth:	117		
Screen frm:	117		
Screen to:	121		
Swl:	84		
Test depth:	100		
Test hours:	1		
Test rate:	35	Test methd:	Bailer
Grouted:	1	Pmp cpcity:	25
Latitude:	42.60740766		
Longitude:	-83.28192865		
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:	958	Elev dif:	958
Elev miv:	958	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	16
Pct aq d:	16	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	41
Pct cm d:	41	Pct cm r:	0
Pct pcm:	43	Pct pcm d:	43
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:	.400000005960464
A thicknes:	19	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	37	A pct aq2:	51
A pct maq2:	0	A pct pcm2:	49
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	50	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:	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:	0
Pct pcm 5:	100	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	37		
Horiz Conduct:	51.35622		
Vert Conduct:	.02055		
T2:	1900.18		
D50plek:	118.27826		

E22
SSE
1/2 - 1 Mile
Higher

MI WELLS MI20244868

Wellid:	63000003892	Import id:	63028004008
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	STANLEY R WINDELER		
Well addr:	194 N BERKSHIRE		
Well depth:	137		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1580
Const date:	1993-09-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	133		
Screen frm:	133		
Screen to:	137		
Swl:	93		
Test depth:	0		
Test hours:	0		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60875115		
Longitude:	-83.27420643		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	61
Pct aq d:	61	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21
Pct cm d:	21	Pct cm r:	0
Pct pcm:	17	Pct pcm d:	17
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:	44	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	44	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:	0
Pct maq 1:	0	Pct cm 1:	65
Pct pcm 1:	35	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	70	Pct pcm 2:	30
Pct na 2:	0	Pct aq 3:	65
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	25	Pct na 3:	10
Pct aq 4:	65	Pct maq 4:	0
Pct cm 4:	10	Pct pcm 4:	25
Pct na 4:	0	Pct aq 5:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	100	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	44		
Horiz Conduct:	100		
Vert Conduct:	100		
T2:	4400		
D50plek:	312.18643		

E23
SSE
1/2 - 1 Mile
Higher

MI WELLS MI20244867

Wellid:	63000003891	Import id:	63028004007
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	CLAYTON & JULIANNE SMITH		
Well addr:	191 N BERKSHIRE		
Well depth:	146		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	414
Const date:	1994-06-15 00:00:00.000	Case type:	Steel-black
Case dia:	5		
Case depth:	146		
Screen frm:	142		
Screen to:	146		
Swl:	95		
Test depth:	95		
Test hours:	2		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60877025		
Longitude:	-83.27413513		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	29
Pct aq d:	29	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:	41	Pct pcm d:	41
Pct pcm r:	0	Pct na:	1
Pct na d:	1	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	36	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:	71

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	29
A pct cm2:	0	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:	75	A sc lith2:	Gravel
A sc lmod2:	Coarse	A sc lmaq2:	AQ
A sc lpct2:	25	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	65	Pct na 1:	5
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	55
Pct na 2:	45	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	100
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	30
Pct na 4:	70	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	60	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	40
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:	37.2552		
Vert Conduct:	.0034		
T2:	1900.015		
D50plek:	163.01877		

D24
South
1/2 - 1 Mile
Higher

MI WELLS MI20259540

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000019982	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	HAUSAIN		
Well addr:	100 N. BERKSHIRE		
Well depth:	163		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2269
Const date:	2000-04-13 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	153		
Screen frm:	153		
Screen to:	163		
Swl:	60		
Test depth:	163		
Test hours:	1		
Test rate:	25	Test methd:	Air
Grouted:	1	Pmp cpcity:	12
Latitude:	42.60712181		
Longitude:	-83.28082921		
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:	961	Elev dif:	961
Elev miv:	961	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	71
Pct aq d:	71	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	27
Pct cm d:	27	Pct cm r:	0
Pct pcm:	2	Pct pcm d:	2
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:	103	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	103	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:	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:	20
Pct pcm 1:	20	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:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	100
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:	103		
Horiz Conduct:	100		
Vert Conduct:	100		
T2:	10300		
D50plek:	1641.7504		

F25
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244866

Wellid:	63000003890	Import id:	63028004006
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	TRONG H DO		
Well addr:	163 N BERKSHIRE		
Well depth:	208		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	613
Const date:	Not Reported	Case type:	Unknown
Case dia:	4		
Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	100		
Test depth:	140		
Test hours:	0		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60903025		
Longitude:	-83.27320523		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	64
Pct aq d:	64	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:	36	Pct pcm d:	36
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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	75	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:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	100
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	60	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	40
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

**F26
SE
1/2 - 1 Mile
Higher**

MI WELLS MI20244865

Wellid:	63000003889	Import id:	63028004005
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MRS JOHN KILLERMAN		
Well addr:	163 N BERKSHIRE		
Well depth:	208		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	127
Const date:	1974-07-17 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	201		
Screen frm:	201		
Screen to:	208		
Swl:	100		
Test depth:	130		
Test hours:	4		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60903025		
Longitude:	-83.27320523		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	64
Pct aq d:	64	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:	36	Pct pcm d:	36
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:	18	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	108	A pct aq2:	81

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	19
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
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:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	75	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:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	100
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	60	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	40
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:	108		
Horiz Conduct:	213.89074		
Vert Conduct:	.05399		
T2:	23100.2		
D50plek:	3718.36279		

F27
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244862

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003886	Import id:	63028004002
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MARK MARZETTI		
Well addr:	170 N BERKSHIRE		
Well depth:	159		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	397
Const date:	1988-05-31 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	130		
Screen frm:	155		
Screen to:	159		
Swl:	70		
Test depth:	120		
Test hours:	3		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60902285		
Longitude:	-83.27304613		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	968	Elev dif:	20
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	37
Pct aq d:	37	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21
Pct cm d:	21	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	6
Pct na d:	6	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	89	A pct aq:	66
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	34
A thickns2:	89	A pct aq2:	66
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	34
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	15	Pct pcm 2:	0
Pct na 2:	85	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:	50	Pct pcm 4:	0
Pct na 4:	50	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	100
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		

F28
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244864

Wellid:	63000003888	Import id:	63028004004
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	HENRY CENDROWSKI		
Well addr:	154 N BERKSHIRE		
Well depth:	151		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1990-07-05 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	146		
Screen frm:	146		
Screen to:	151		
Swl:	84		
Test depth:	100		
Test hours:	0		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60863595		
Longitude:	-83.27247513		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	964	Elev dif:	16
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	11
Pct cm d:	11	Pct cm r:	0
Pct pcm:	57	Pct pcm d:	57
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:	48	A pct aq:	17
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	83
A thickns2:	67	A pct aq2:	12
A pct maq2:	0	A pct pcm2:	28
A pct cm2:	0	A pct na2:	60
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Medium To 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:	5
Pct pcm 1:	95	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	80	Pct pcm 2:	20
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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	12
Pct na 6:	88	Pct aq 7:	28
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	72
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

29
South
1/2 - 1 Mile
Lower

MI WELLS MI20244871

Wellid:	63000003895	Import id:	63028004011
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	GEORGE LATVO		
Well addr:	257 S BERKSHIRE		
Well depth:	126		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1966-12-17 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	122		
Screen frm:	123		
Screen to:	128		
Swl:	106		
Test depth:	116		
Test hours:	8		
Test rate:	15	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60619765		
Longitude:	-83.28039693		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	961	Elev dif:	13
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	6
Pct aq d:	6	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	64
Pct cm d:	64	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:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	20	A pct aq2:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	65	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
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:	0	Pct maq 4:	0
Pct cm 4:	10	Pct pcm 4:	0
Pct na 4:	90	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100
Pct aq 6:	24	Pct maq 6:	0
Pct cm 6:	76	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		

G30
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244846

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003870	Import id:	63028003002
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	IVAN C KOBOSH		
Well addr:	210 HIGHLAND AV		
Well depth:	107		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1757
Const date:	1986-07-29 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	103		
Screen frm:	103		
Screen to:	107		
Swl:	50		
Test depth:	60		
Test hours:	2		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61223205		
Longitude:	-83.26599353		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	44
Pct aq d:	44	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:	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:	0
A thickness:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	57	A pct aq2:	30
A pct maq2:	0	A pct pcm2:	35
A pct cm2:	35	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	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:	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:	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:	0	Pct maq 4:	0
Pct cm 4:	50	Pct pcm 4:	50
Pct na 4:	0	Pct aq 5:	50
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	50	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	57		
Horiz Conduct:	89.47723		
Vert Conduct:	.00028		
T2:	5100.202		
D50plek:	465.38664		

G31
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244848

Wellid:	63000003872	Import id:	63028003004
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	MICHAEL MILLER		
Well addr:	229 HIGHLAND AV		
Well depth:	99		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	127
Const date:	1990-09-13 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	91		
Screen frm:	91		
Screen to:	99		
Swl:	60		
Test depth:	75		
Test hours:	3		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61234455		
Longitude:	-83.26570683		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	9
Pct aq d:	9	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:	66	Pct pcm d:	66
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:	39	A pct aq2:	23
A pct maq2:	0	A pct pcm2:	77
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	75
Pct na 2:	25	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:	0	Pct pcm 4:	100
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	39		
Horiz Conduct:	11.53923		
Vert Conduct:	.0013		
T2:	450.03		
D50plek:	31.89453		

G32
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244847

Wellid:	63000003871	Import id:	63028003003
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	NEW CREEATIONS		
Well addr:	228 HIGHLAND AV		
Well depth:	113		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	140
Const date:	1994-11-23 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	0		
Screen frm:	109		
Screen to:	113		
Swl:	61		
Test depth:	70		
Test hours:	1		
Test rate:	40	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61234455		
Longitude:	-83.26570683		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	20
Pct aq d:	20	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	12
Pct cm d:	12	Pct cm r:	0
Pct pcm:	68	Pct pcm d:	68
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:	23	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	52	A pct aq2:	44

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	56
A pct cm2:	0	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:	0
Pct maq 1:	0	Pct cm 1:	65
Pct pcm 1:	35	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	50
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	50	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:	52		
Horiz Conduct:	44.23635		
Vert Conduct:	.01793		
T2:	2300.29		
D50plek:	199.26819		

H33
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244883

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003909	Import id:	63028004025
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	LYLE H SAWIN		
Well addr:	1640 S WOODWARD		
Well depth:	100		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1975-07-29 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60878665		
Longitude:	-83.26923303		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	964	Elev dif:	16
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	12	Pct maq d:	12
Pct maq r:	0	Pct cm:	74
Pct cm d:	74	Pct cm r:	0
Pct pcm:	10	Pct pcm d:	10
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:	0
Pct maq 1:	60	Pct cm 1:	40
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	50
Pct na 2:	0	Pct aq 3:	20
Pct maq 3:	0	Pct cm 3:	80
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

H34
SE
1/2 - 1 Mile
Higher

MI WELLS MI20244884

Wellid:	63000003912	Import id:	63028004028
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	LYLE H SAWIN		
Well addr:	1640 S WOODWARD		
Well depth:	113		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1975-08-05 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	114		
Screen frm:	110.5		
Screen to:	114		
Swl:	90		
Test depth:	105		
Test hours:	2		
Test rate:	15	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60878665		
Longitude:	-83.26923303		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	964	Elev dif:	16
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	3
Pct aq d:	3	Pct aq r:	0
Pct maq:	11	Pct maq d:	11
Pct maq r:	0	Pct cm:	73
Pct cm d:	73	Pct cm r:	0
Pct pcm:	13	Pct pcm d:	13
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:	3	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	23	A pct aq2:	13
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	87	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
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:	60	Pct cm 1:	40
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	25	Pct pcm 2:	75
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:	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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		

G35
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244858

Wellid:	63000003882	Import id:	63028003015
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	KARL RICHARDSON		
Well addr:	245 HIGHLAND AV		
Well depth:	125		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	140
Const date:	1994-08-22 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	121		
Screen frm:	121		
Screen to:	125		
Swl:	60		
Test depth:	75		
Test hours:	1		
Test rate:	45	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61244465		
Longitude:	-83.26545203		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	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:	58	Pct pcm d:	58
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:	53	A pct aq:	9
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	91
A thickns2:	65	A pct aq2:	8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	18
A pct cm2:	0	A pct na2:	74
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:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
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:	0	Pct pcm 4:	60
Pct na 4:	40	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100
Pct aq 6:	20	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	80	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		

G36
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244849

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003873	Import id:	63028003005
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	LARRY G GARNER		
Well addr:	246 HIGHLAND DR		
Well depth:	120		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1976
Const date:	1998-06-21 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	116		
Screen frm:	116		
Screen to:	120		
Swl:	63		
Test depth:	84		
Test hours:	2		
Test rate:	65	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61245715		
Longitude:	-83.26542023		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	12
Pct cm d:	12	Pct cm r:	0
Pct pcm:	80	Pct pcm d:	80
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 thickness:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	57	A pct aq2:	18
A pct maq2:	0	A pct pcm2:	82
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Medium	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:	70
Pct pcm 1:	30	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
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:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	57		
Horiz Conduct:	8.77275		
Vert Conduct:	.00121		
T2:	500.047		
D50plek:	51.49382		

**G37
ESE
1/2 - 1 Mile
Lower**

MI WELLS MI20244850

Wellid:	63000003874	Import id:	63028003006
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	GORDON F BIRCHARD JR		
Well addr:	268 HIGHLAND AV		
Well depth:	117		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	140
Const date:	1976-05-06 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	113		
Screen frm:	113		
Screen to:	117		
Swl:	63		
Test depth:	75		
Test hours:	1		
Test rate:	40	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61259465		
Longitude:	-83.26506983		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	951	Elev dif:	3
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	85
Pct cm d:	85	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:	54	A pct aq2:	31
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	69	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:	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:	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:	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	54		
Horiz Conduct:	15.74081		
Vert Conduct:	.00015		
T2:	850.0037		
D50plek:	80.55906		

G38
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20244851

Wellid:	63000003875	Import id:	63028003007
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	3
Owner name:	ROBERT SPOONER		
Well addr:	269 HIGHLAND AV		
Well depth:	130		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1607
Const date:	1996-08-21 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	120		
Screen frm:	120		
Screen to:	130		
Swl:	50		
Test depth:	130		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.61259465		
Longitude:	-83.26506983		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	951	Elev dif:	3
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	85
Pct cm d:	85	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:	20	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	80	A pct aq2:	25

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	75	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:	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:	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:	60	Pct maq 6:	0
Pct cm 6:	40	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:	80		
Horiz Conduct:	50.00008		
Vert Conduct:	.00013		
T2:	4000.006		
D50plek:	518.45259		

39
SE
1/2 - 1 Mile
Higher

MI WELLS MI20261704

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000022498	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	Threets		
Well addr:	68 East Berkshire		
Well depth:	140		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1928
Const date:	2002-05-04 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	140		
Screen frm:	136		
Screen to:	140		
Swl:	60		
Test depth:	80		
Test hours:	1		
Test rate:	40	Test methd:	Air
Grouted:	1	Pmp cpcity:	18
Latitude:	42.60984921		
Longitude:	-83.26732914		
Methd coll:	Address Matching-House Number		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	964	Elev dif:	964
Elev miv:	964	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	39
Pct aq d:	39	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	61
Pct cm d:	61	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:	15	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	80	A pct aq2:	25
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	75	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:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	75	Pct maq 2:	0
Pct cm 2:	25	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:	25	Pct maq 4:	0
Pct cm 4:	75	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	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:	80		
Horiz Conduct:	75.00008		
Vert Conduct:	.00013		
T2:	6000.006		
D50plek:	762.33555		

41
SE
1/2 - 1 Mile
Lower

MI WELLS MI20244863

Wellid:	63000003887	Import id:	63028004003
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	ROBERT & JULIE THOMPSON		
Well addr:	71 S BERKSHIRE		
Well depth:	141		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	140
Const date:	1996-07-15 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	133		
Screen frm:	133		
Screen to:	141		
Swl:	76		
Test depth:	90		
Test hours:	1		
Test rate:	40	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60750605		
Longitude:	-83.27046593		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	958	Elev dif:	10
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	33
Pct aq d:	33	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	36
Pct cm d:	36	Pct cm r:	0
Pct pcm:	31	Pct pcm d:	31
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:	39	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	65	A pct aq2:	60
A pct maq2:	0	A pct pcm2:	6
A pct cm2:	34	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:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	35	Pct maq 2:	0
Pct cm 2:	45	Pct pcm 2:	20
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:	0	Pct pcm 4:	100
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:	92	Pct maq 6:	0
Pct cm 6:	8	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	65		
Horiz Conduct:	60.00065		
Vert Conduct:	.00029		
T2:	3900.0422		
D50plek:	411.2321		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for OAKLAND County: 2

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 OAKLAND COUNTY, MI

Number of sites tested: 61

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.189 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.539 pCi/L	93%	7%	0%

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.

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 IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

© 2009 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX D

Photograph Log



Photograph #1

Description of Photograph:

View across the north side of the Site from the west side.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #2

Description of Photograph:

View across the Site from the northwest side.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #3

Description of Photograph:

View of the center portion of the parking lot on the west side of the Site.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #4

Description of Photograph:

Looking west across the Site at the center portion of the parking lot.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #5

Description of Photograph:

View of the power lines going through the central portion of the Site.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #6

Description of Photograph:

View of the natural vegetation on the southern portion of the Site.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #7

Description of Photograph:

Looking north across the northern parking lot.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #8

Description of Photograph:

View of the northerly adjacent property.

Site Location:

200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:

Morgan Vogt

Date of Photograph:

October 20, 2009



Photograph #9

Description of Photograph:
View of the easterly adjacent properties.

Site Location:
200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:
Morgan Vogt

Date of Photograph:
October 20, 2009



Photograph #10

Description of Photograph:
View of the westerly adjacent properties.

Site Location:
200 South Boulevard West
Pontiac, Michigan

Photograph Taken By:
Morgan Vogt

Date of Photograph:
October 20, 2009

APPENDIX E

Qualifications of Environmental Professionals

STEPHEN P. MCCARTHY

Senior Associate Scientist

asbestos management
industrial hygiene
environmental investigations
environmental site assessments

As Director of Site Assessments at LFR Inc. (LFR) Braintree, Massachusetts office, Mr. McCarthy is responsible for the technical supervision of all personnel performing Phase I Environmental Site Assessments (ESAs). His responsibilities include technical oversight, logistics, scheduling and cost control, interface with clients and regulatory agencies, quality control of environmental assessments conducted within the branch and conducting Phase I ESAs throughout the United States.

With over 20 years of experience in the environmental consulting field, Mr. McCarthy has provided his technical expertise on a wide-range of projects for property owners, financial institutions, school departments, governmental agencies and hospitals. Mr. McCarthy has conducted environmental assessments on commercial/retail, residential and industrial properties in accordance with the American Society for Testing and Materials (ASTM) standard practice for Environmental Site Assessments E 1527 and client specific scopes of work. In addition, Mr. McCarthy has conducted asbestos identification surveys, prepared Operations and Maintenance programs, developed asbestos abatement technical specifications, monitored removal of asbestos-containing materials, performed indoor air quality investigations, managed the removal of underground petroleum storage tanks and prepared Spill Prevention, Control and Countermeasure (SPCC) plans.

EDUCATION

B.A. History, Providence College, 1986

REPRESENTATIVE EXPERIENCE

- **Various Properties (Client Confidential), Nationwide.** As Project Manager, Mr. McCarthy was responsible for the overall project management of multi-site/multi-state environmental assessment projects. These projects ranged in size from a single site up to 36 different sites located across the United States. Mr. McCarthy was responsible for project scheduling, cost control, technical oversight and review of all final reports prior to issuance to ensure they complied with ASTM standards and client specific requirements.
- **NationsBank, Dallas, TX.** As Project Manager, Mr. McCarthy was responsible for the overall project management of the performance of 50 Phase I ESAs of bank buildings located throughout the State of Texas within a six-week time frame. The ESAs consisted of inspections of current site operations and a reconnaissance of abutting/adjacent properties, historical research and review of federal, state and local regulatory records.
- **NationsBank, Corsicana, TX.** Performed a Phase I ESAs on three tracts of land in downtown Corsicana, TX. Project involved a detailed historical research on former uses of the tracts of

land revealed numerous suspect underground storage tank (UST) locations. Designed and coordinated performance of a geophysical survey on the three tracts of land to identify the likely presence of USTs to aid in the preparation of the scope of work for a Phase II subsurface investigation. The geophysical survey consisted of the use of a combination of electromagnetic induction (EM31) and ground magnetics. Based upon the findings of the geophysical survey, prepared a scope of work and cost estimates for the performance of the subsurface investigation.

- **NCNB Texas National Bank, Dallas, TX.** Provided asbestos identification surveys on 110 buildings containing over 8 million square feet of space located throughout the state of Texas. Responsibilities consisted of design of the survey strategy, on-site inspection and collection of bulk material samples, assessment of asbestos-containing materials, interpretation of data and preparation of final reports. Project included preparation of recommendations for further action at each facility, if warranted, and associated cost estimates.
- **First Republic Bank, Dallas, TX.** Managed a \$2 million dollar asbestos abatement project at an occupied high rise office building. Responsibilities included project design, specification preparation, conducting pre-bid conferences, collection and analysis of air samples, daily inspections of abatement contractor's work practices and consultation with owner's representative on all aspects of the abatement project.
- **First Republic Bank, Dallas, TX.** Performed an asbestos-containing material survey of the 50-story, 1.8 million square foot, First Republic Bank complex in Dallas, Texas. Responsibilities consisted of design of the survey strategy, overall management of the five person survey team, on-site inspection and collection of bulk material samples, assessment of asbestos-containing materials, interpretation of data and preparation of a final report.
- **NationsBank, Dallas, TX.** Coordinated the emergency removal of four underground storage tanks, which were uncovered during construction of a highly publicized branch bank facility. Successfully coordinated with state regulatory officials and a tank removal contractor for the removal of the USTs within 48 hours of detection so as to not impede bank construction. Performed project oversight which included preparation of a health and safety plan, collection of appropriate soil samples from the tank excavation, interpretation of analytical data and preparation of the tank closure report for submission to state regulatory officials.
- **Spill Prevention Control and Countermeasures (SPCC) Plans, NYNEX, various locations throughout New England.** Performed facility inspections and prepared SPCC plans in compliance with regulations of the Environmental Protection Agency (EPA) for various NYNEX facilities located throughout New England.

SEMINARS/COURSES

Hazardous Waste Operations (OSHA 40-hour)

Asbestos Inspector Refresher Course

Asbestos Management Planner Refresher Course

Asbestos Contractors/Supervisor Course

Inspecting Buildings for Asbestos-Containing Materials, Environmental Sciences Inc.,

Managing Asbestos in Buildings, Environmental Sciences Inc.,

Microscopical Identification of Asbestos, Microne Research Institute

Sampling & Evaluating Airborne Asbestos Dust (582), NIOSH

Transport and Fate of Contaminants in the Subsurface, U.S. Environmental Protection Agency
(U.S. EPA)

REGISTRATIONS/CERTIFICATIONS

Asbestos Management Planner, Certificate No. 9915171368104

Asbestos Inspector, Certificate No. 9915051068104

PROFESSIONAL HISTORY

LFR Inc., Senior Associate Scientist, 1995 to present

Recon Environmental, Operations Manager, Dallas, TX, 1988 to 1995

Recon Environmental, Project Manager, 1986 to 1988

MORGAN L. VOGT

Senior Staff Geologist

*Soil and Groundwater Investigations
Underground Storage Tank Removal Oversight
Phase I and Phase II Environmental Site Assessments
Site Remediation
NEPA Compliance
Asbestos Building Inspector*

Ms. Vogt is a Senior Staff Geologist in LFR Inc.'s (LFR) Elgin, Illinois office. She has comprehensive experience in the field of geology and environmental geosciences, including Phase I and Phase II Environmental Site Assessments (ESAs), soil and groundwater monitoring, oversight of underground storage tank (UST) removal, site remediation including soil removal and soil vapor extraction (SVE) systems, National Environmental Policy Act (NEPA) compliance on roadway and water system construction and improvements, and inspecting properties for suspect asbestos-containing building materials (ACBMs).

EDUCATION

New Mexico State University: M.S. Geology, 2005

Truman State University: B.A. Biology, 2002

REPRESENTATIVE EXPERIENCE

- **Phase I Environmental Site Assessments**
Performed over 80 Phase I ESAs for various commercial clients and government agencies in Illinois, Indiana, Missouri, Michigan, Ohio, Tennessee, Georgia, West Virginia, New Mexico, Texas, and Arizona. Properties have included vacant properties, agricultural properties, commercial/retail properties, government buildings, and industrial/manufacturing plants. Phase I ESAs completed in accordance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiries (AAI) rule and the American Society for Testing and Materials (ASTM) E-1527-05 standard.
- **Phase II Environmental Site Assessments**
Managed Phase II sampling projects for various clients in Illinois, Indiana, New Mexico, Texas, and Arizona. Soil and groundwater investigations have been completed on vacant properties, agricultural properties, commercial/retail properties, industrial/manufacturing plants, and government properties. The investigations were completed to assess concentrations of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), concentrations of arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver, polychlorinated biphenyls (PCBs), and herbicides/pesticides.
- **Underground Storage Tank Investigations**
Oversight of the removal of USTs at sites in Illinois, New Mexico, Texas, and Arizona. Collected soil and groundwater confirmation samples as needed to demonstrate compliance with applicable regulations.

- **Soil and Groundwater Monitoring**

Oversaw the installation of monitoring wells at various sites in Illinois, Indiana, New Mexico, Texas and Arizona, including collecting soil samples, documenting soil boring lithology, drafting soil boring diagrams and monitoring well completion diagrams, and writing minimum site assessment reports. Performed groundwater monitoring, including collecting water samples, measuring depth to groundwater, gauging wells for non-aqueous phase hydrocarbon liquid (NAPL), drafting potentiometric surfaces and contaminant maps, and writing groundwater monitoring reports.

- **Site Remediation**

Experience performing SVE pilot testing, drafting conceptual remediation plans for SVE systems, and monitoring SVE systems at various sites in New Mexico. Additionally, oversaw the removal of contaminated soil and collected confirmatory soil samples at various sites in Illinois, New Mexico, Texas and Arizona.

- **NEPA Compliance**

Experience performing Federal agency consultations for NEPA compliance on environmental engineering projects in New Mexico and Arizona, such as roadway and water system construction and improvements. Wrote numerous NEPA reports for various funding agencies, including the United States Environmental Protection Agency (USEPA), the United States Department of Agriculture Rural Development (USDA RD), and the Border Environment Cooperation Commission (BECC).

- **Asbestos Inspections**

Performed asbestos inspection surveys in conjunction with Phase I ESAs at various sites in Illinois, Indiana, Missouri, Michigan, Ohio, Tennessee, Georgia, West Virginia, New Mexico, Texas, and Arizona. Performed site walk-through of multiple buildings in Illinois and Indiana to identify and collect suspected ACBMs, along with logging their locations, conditions, and quantities.

CERTIFICATIONS

40-Hour OSHA Health and Safety Training per 29 CFR 1910.120

24-Hour Asbestos Building Inspector per EPA 40 CFR 763

PROFESSIONAL HISTORY

LFR Inc., Senior Staff Geologist, 2008 – Present

Watterson Environmental Group, Environmental Specialist, 2008

Souder, Miller & Associates, Staff Geoscientist, 2006 – 2008

New Mexico State University, NSF GK-12 Director, 2005 – 2006

New Mexico State University, NSF GK-12 Fellow, 2004 – 2005

New Mexico State University, Geology Teaching Assistant, 2003 – 2004

Institute of Tectonic Studies, Research Assistant, 2002 – 2003

Argonne National Laboratory, Waste Management Intern, 1998 – 2002