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Infrastructure, environment, buildings

May 25, 2010 BN015317.0022

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

Subject: Phase I Environmental Site Assessment
MLC ID 11121
MLC Pontiac Fiero Plant
Pontiac, Michigan 48340

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 ARCADIS personnel and a review of available and pertinent background information.

ARCADIS 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

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Phase I Environmental Site Assessment
MLC ID 1121
Pontiac Fiero Plant
900 Baldwin Avenue
Pontiac, Michigan 48340

May 25, 2010
ARCADIS Project No. BN015317.0022

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

Prepared by
ARCADIS U.S., Inc.
194 Forbes Road
Braintree, Massachusetts 02184

The environmental assessment described herein was conducted by the undersigned, of ARCADIS-US, Inc. ARCADIS's investigation consisted solely of the activities described in the Introduction of this report, in accordance with ARCADIS 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

Todd Aebie
Project Geologist

Report Reviewed By:

for

Richard G. Kowalski, CPG, LSP, CHMM
Principal Geologist

EXECUTIVE SUMMARY

ARCADIS U.S., Inc. (ARCADIS) performed a Phase I Environmental Site Assessment (ESA) of the property located at 900 Baldwin Avenue, Pontiac, Oakland County, Michigan (the Site). The purpose of the Phase I ESA was 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.

The Site currently consists of a 1.4 million square-foot automobile assembly building, asphalt-paved parking areas, and vegetated landscaped areas consisting of approximately 81 acres of land. The Site is currently unoccupied and the assembly building has been idled. The Fiero operational area was the southwestern portion of the General Motors (GM) Pontiac North Campus which consists of approximately 595 acres of property and numerous buildings. The Fiero operational area site also includes a parking lot and a triangular parcel of land on the opposite (west) side of Baldwin Ave between W. Kennett Road and W. Tennyson Ave and a narrow strip of land south of the plant adjacent to Portland Street. General Motors Corporation has recently filed for Chapter 11 bankruptcy and has been renamed as Motors Liquidation Company (MLC). Therefore, MLC is the current owner of the subject Site.

Based on the historical sources reviewed, the Site consisted of unimproved land as of 1907. Construction of the original Plant 17 (Fisher Body plant) occurred in the 1920s, with approximately 19 additions being constructed through 1983. The Fisher Body plant originally supplied closed-type automobile bodies to the Oakland Motor Car Company, and later to the Pontiac Motor Division located to the east of the Fiero plant. The three major components of body construction that occurred at the Fisher Body plant were: metal fabrication, soft trim fabrication, and body assembly. The body assembly process included lead soldering, painting, and metal finishing operations. In 1942, the plant was stripped of automobile production equipment and converted to defense production, consisting mainly of the production of the 90-mm Army antiaircraft gun and the 5-inch Navy gun mount. Between the years of 1959 to 1961, a modernization and expansion program created a two-line assembly system. In 1983, the Pontiac Motor Division retooled the plant to produce the Fiero. The plant was subsequently idled in 1988, and officially closed in 1991.

In October 2001 the US EPA and GM entered into a Voluntary Corrective Action Agreement for the GM Pontiac North Campus. The agreement called for GM to work independently and voluntarily to investigate and, as necessary, stabilize and remediate releases of hazardous waste or hazardous constituents at or from the property in accordance with RCRA and relevant US EPA corrective action guidance documents.

A RCRA Facility Investigation (RFI) was completed by ENCORE in April 2002. Nine Areas of Interest (AOIs) on the Fiero portion of the Pontiac North Campus were concluded to require no further action (NFA) in the Current Conditions Report, but six AOIs were investigated in the RFI and included: the wastewater collection sumps in the basement of the powerhouse (AOI F-7), the former paint sludge storage area (AOI F-8), the coal storage area for the powerhouse (AOI F-12), the former oily pea gravel, concrete and debris area (AOI F-13), the fuel aboveground storage tank (AST) area for the powerhouse (AOI F-14) and the oil/solvent catch basin (AOI F-15).

ARCADIS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 900 Baldwin Avenue, Oakland County, Pontiac, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed the following RECs associated with the Site:

- The presence of railroad tracks on the east portion of the Site is considered a REC since various unknown materials were transported on the tracks and potential impacts from releases are unknown. In addition, railroad ties were typically preserved with creosote, which over time has the potential for impacting the surrounding surfaces. A pile of railroad ties is also located on the Site.

- The oil/solvent catch basin (AOI F-15) would be a REC if the soils in this area were exposed, or if the site uses or conditions were changed in some way to increase exposure to these soils.

- The presence of the GM Pontiac North campus property adjacent the Site to the east is a REC due to several ongoing investigations and remediation taking place and the potential that this property may have an environmental impact on the Site. However, the on-going groundwater monitoring program for the Pontiac North campus already includes the sampling and analysis of monitoring wells on the Site.

- Roof materials on a portion of the old manufacturing roof are impacted with lead materials, which have been proposed to be removed in a Corrective Measures Proposal.

- Several storm sewers have been found to be impacted with PCBs, Metal, SVOCs, and VOCs, which have been proposed to be cleaned in a Corrective Measures Proposal.

The following are considered environmental concerns:

- The presence of piping insulation which was labeled as containing asbestos or possibly containing asbestos related materials.

- The possible presence of lead based paint on the structural steel and other painted portions of the building

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1.0 INTRODUCTION

ARCADIS-US, Inc. (ARCADIS) performed a Phase I Environmental Site Assessment (ESA) of the property located at 900 Baldwin Avenue, Pontiac, Oakland County, Michigan (the "Site"). The Site consists of approximately 81 acres of land and includes an approximately 1,400,000-square feet two-story manufacturing/office building. The Site is currently vacant and was once a part of the larger GM Pontiac North Campus that included many manufacturing buildings on more than 595-acres of land.

1.1 Purpose

Motors Liquidation Company (the Client) requested that ARCADIS 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 an ARCADIS representative.

1.2 Detailed Scope of Services

The Phase I ESA conducted by ARCADIS 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 and recommendations

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. ARCADIS 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 ARCADIS 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 ARCADIS relied upon any information prepared by other parties not under contract to ARCADIS, ARCADIS 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 ARCADIS'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. ARCADIS'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.

ARCADIS, 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 (MLC). 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 900 Baldwin Avenue, Pontiac, Oakland County, Michigan. The Site is located primarily on the east side of Baldwin Avenue, North of Kenneth Road and south of Tennyson Avenue.

Based on information obtained from the Oakland County Commercial and Industrial Profile, the Site is identified by Parcel ID 14-20-201-001 and legal description is as follows: T3N, R10E, SEC 17 & 20 PART OF SE ¼ OF SEC 17 7 PART OF NE ¼ OF SEC20 SD PARCEL BEING BOUNDED ON S BY KENNETH RD, ON E BY PO & N RR R/W, ON N BY TENNYSON AVE & ON W BY BALDWIN AVE, ALSO VAC PART OF TENNYSON AVE OF 'BALDWIN PARK' ADJ TO SAME 39.01A.

Refer to Figure 1 for map showing the Site location.

2.2 Site and Vicinity General Characteristics

The Site is generally a rectangular-shaped tract of land that is situated in a mixed industrial/commercial/residential area. The Site is located in Oakland County and is within the City Limits of Pontiac. The industrial properties are concentrated along the east of the Site, east of the railroad tracks, with residential areas situated to the north, south and west of the Site. Commercial properties are adjacent to the west, northwest and southwest of the Site along Baldwin Avenue.

2.3 Current Use of the Site

The Site currently is unoccupied. It was most recently used as a warehouse.

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

The Site is improved with a 1,400,000-square feet, two-story manufacturing/assembly building with offices. The Site building is comprised of approximately 90% manufacturing areas and 10% office area. The building has had limited use over the past few years. Since MLC took over the property, activities at the Site have mainly consisted of cleaning out the remainder of the stored equipment and parts GM left behind in the Site. The building is monitored 24 hours, seven days a week by security.

The Site reconnaissance activities were performed on Friday April 23, 2010. All areas of the Site were available for inspection during the Site visit.

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 Department of Public Works and Utilities.

2.4.3 Heating/Cooling Systems

According to previous reports, DTE Energy (Detroit Edison and MichCon) provides electricity and Consumers Power Company supplies natural gas to the Site. The building was heated by the onsite powerhouse owned and operated by DTE.

2.4.4 Solid Waste Disposal

Although the Site is closed, a limited amount of solid waste is still being generated at the Site. In addition, up-keep, maintenance, and decommissioning activities of the building continue to generate solid waste at the Site.

2.5 Current Uses of Adjoining Properties

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

- The Site is abutted to the north by Tennyson Avenue, which is mainly comprised of residential properties. Some commercial properties are located near the major intersections.
- The Site is abutted to the west by Baldwin Avenue. West of Baldwin Avenue is a large employee parking lot.

- The Site is abutted to the south by West and East Kenneth Road along with Owen Street. The employee parking lot and grassy area is bounded by West Kenneth Road while the remainder of the Site is bounded by East Kenneth Road and Owen Street. The Site is also bounded by the DTE Energy Facility to the south of the Site.
- The Site is abutted to the east by the Canadian National Railroad tracks, which are currently owned by MLC. East of the railroad tracks is the General Motors Assembly Complex also known as the Pontiac North Campus.

3.0 USER-PROVIDED INFORMATION

The following items regarding the Site were requested by ARCADIS to the Client's representative. The questionnaire was sent to Mr. Bob Hare, the MLC Supervisor for the facility. The completed questionnaire has not yet been received. Upon receipt of the questionnaire, ARCADIS will issue an addendum letter if any responses within the questionnaire alter the finding of this Phase I ESA.

3.1 Title Records

Title records were not provided to ARCADIS for review.

3.2 Environmental Liens or Activity and Use Limitations

Mr. Bob 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:** Unknown.
- 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:** Yes, see Corrective Action documents for Site.

3.3 Specialized Knowledge

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

- Do they 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, this information was provided. Thorough history available in Corrective Action Current Conditions Report.

- Are they 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? **Answer:** Yes, previous environmental reports have been provided.
- Do they know the past uses of the property? **Answer:** Yes, this information was provided.
- Do they know of specific chemicals that are present or once were present at the property? **Answer:** Yes, this information was provided.
- Do they know of spills or other chemical releases that have taken place at the property? **Answer:** Unknown.
- Do they know of any environmental cleanups that have taken place at the property? **Answer:** Yes, remedial actions were completed in 1989 in relation to the closure of four underground storage tanks, as presented in the Current Conditions Repport.
- Do they know if any fill materials have been imported to the Site? **Answer**: Unknown.
- Do they know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown.
- Do they know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown.
- Do they 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. Hare was asked the following question as part of the assessment:

- Based on your 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:** Yes, previous environmental reports have been provided.

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 Commercial and Industrial Property Profile, the Site was owned by General Motors Corporation.

General Motors Corporation has recently filed for Chapter 11 bankruptcy and has been renamed as Motors Liquidation Company (MLC). MLC is the current owner of the subject Site.

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

Previous environmental reports/documents for the Site included:

- Current Conditions Report, Pontiac North Campus, Volume I of IV, by Encore, dated January 30, 2001.
- RCRA Facility Investigation (RFI) Work Plan, Addendum No. 13, FIERO (PLANT 17) SEWER AND SUBSURFACE INVESTIGATIONS, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; September 24, 2004, by Encore.
- Corrective Measures Proposal, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; November 26, 2003, by Encore.
- RCRA Facility Investigation (RFI) Report, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; MID 005356910, MID 085470102, MID 005356886, MID 076331289, April 29, 2002, by Encore.
- Supplemental RCRA Facility Investigation (RFI), Report No. 1, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan, MID 005356910, MID 085470102, MID 005356886, MID 076331289, November 26, 2003, by Encore.

Encore, with guidance from the US EPA, has performed a series of investigations at the Site and at the surrounding GM facilities located on the contiguous Pontiac North Campus. The following table summarizes the "Areas of Interest" (AOI) identified during the course of the RCRA Investigations that have current or on-going corrective measures. The following paragraphs summarize the investigation reports in greater detail and were excerpted from the above reports.

SWMU/AOI ID	Description	Corrective Measures
AOI F-7	Powerhouse Basement Sumps	Not included as part of this Phase I
AOI F-8	Paint Sludge Storage Area - Located north of Building 17 - The concrete pad is 12 by 24 ft and is unbermed - It is covered with a corrugated roof	No Further Action (NFA) - Industrial
AOI F-12	Coal Storage Area - Located southeast of the Powerhouse - This area was used for stockpiling coal for the Powerhouse - Reported solvents added to coal to increase BTU	NFA – Industrial
AOI F-13	Oily Pea Gravel, Concrete, and Debris Area - Located at the northeast corner of Plant 17 - The oily material was removed in February 1996	NFA – Industrial
AOI F-14	Fuel AST Area - Located west of the low-pressure fly ash storage silos - The original locations of the ASTs did not have secondary containment - AST's were moved in 1998 to their current location - The area includes 3 ASTs: 1,000-gal diesel tank (relocated), 300-gal diesel tank (removed), and a 560-gal gasoline tank (removed) - Current 1,000-gal diesel tank has a secondary containment No documented releases	NFA - Industrial
AOI F-15	Fuel AST Area: Oil/Solvent Catch Basin - Located in the Fiero Loading dock - Contents of catch basin was an oil sludge - Catch basin cleaned and inspected	NFA – Industrial

The six AOIs identified at the Site have been extensively investigated by ENCORE and CRA. Additional details of the historical investigations of these areas are summarized below:

- **AOI #F-7 – POWERHOUSE BASEMENT SUMPS**
  AOI #F-7 are a series of sumps within the powerhouse which collect industrial wastewater and water from indoor and outdoor collection drains and transfer the water to the adjacent wastewater treatment plant prior to discharge. The sumps are not part of the property transfer and are thus not being included. However, the results of a risk evaluation of the soil and groundwater data from this location indicate that this area does not pose an unacceptable health risk, therefore, no further action was required.

- **AOI #8 – FORMER PAINT SLUDGE STORAGE AREA**
  AOI #F-8 is located north of the former paint and mixing building. The former paint sludge storage area is approx. 12 by 24 feet and consists of a concrete pad covered by a corrugated metal roof. There are no berms surrounding the area. The area was used between 1983 and 1988 to manage drums of non-hazardous paint sludge and sludge from filter waste bonderite. There have been no reported releases from the pad. The pad has since been used to store road salt. The results of soil and groundwater laboratory analyses for VOCs, SVOCs, PCBs, and metals do not indicate that a release occurred in this area. Therefore, no further action/ investigation was warranted for this area.

- **AOI # F-12 COAL STORAGE AREA**
  AOI # F-12 is the coal storage area located south of the powerhouse. It has been reported that waste solvents were added to the coal to increase the BTU value of the coal. The soil and groundwater data from AOI F-12 do not indicate that a release has occurred to soils or groundwater in this location. Concentrations of constituents detected in soil and groundwater do not exceed the applicable Part 201 screening criteria. Therefore, no further action/investigation was warranted for this area.

- **AOI #F-13 FORMER OILY PEA GRAVEL, CONCRETE, AND DEBRIS**
  AOI F-13 consists of an area that formerly contained oily pea gravel, concrete, and debris, located south of the assembly plant scale, at the northeast corner of Plant 17. This area is considered an AOI because of the historical presence of oily material. The oily material was removed in February 1996; however, there is no documentation describing these removal activities, nor does any analytical data exist pertaining to the soils below the excavation. Three soil borings were completed within the footprint of the previously excavated soils to determine residual soil quality. The soil samples were submitted for laboratory analysis for VOCs, SVOCs, PCBs, and inorganics. The concentrations of constituents detected in the soil boring samples collected from AOI F-13 do not exceed industrial screening criteria. Therefore, no further action or investigation was warranted for this area.

- **AOI # F-14 – FUEL AST AREA**
  AOI F-14 consists of a fuel AST area located west of the low-pressure fly ash storage silos. The fuel AST area was considered an AOI because of the materials (diesel fuel and gasoline) stored in the ASTs. The 300-gallon diesel fuel AST and 560-gallon gasoline AST have been removed. The 1,000- gallon diesel fuel AST is still in use and is located within a secondary containment area. There have been no documented releases from any of these ASTs; however, there is no documentation of closure activities for the removal of the ASTs

  The scope of the field investigations at AOI F-14 involved collection of soil samples to determine whether a potential release in excess of industrial screening criteria has occurred from the fuel AST area. Two soil borings were completed adjacent to the location of the ASTs. The samples were submitted for laboratory analysis for BTEX, SVOCs, and lead. The concentrations of constituents detected in the soil boring samples from AOI F-14 do not exceed industrial screening criteria. Therefore, no further action or investigation was warranted for this area.

- **AOI # F-15 – OIL/SOLVENT CATCH BASIN**
  AOI F-15 is a catch basin that is located in the south loading dock at Fiero Plant 17. Petroleum-like odors were reported emanating from the catch basin. The oil/solvent catch basin was cleaned and inspected during RFI activities. Materials within the catch basin included oil and sludge containing chlorinated solvents. The catch basin showed evidence of pitting and cracking, and was stained throughout. Based on the inspection, soil and groundwater samples were collected to determine whether a potential release exceeding industrial screening criteria has occurred from the oil/solvent catch basin.

  Two soil borings were completed in the area. One boring was completed adjacent (downgradient) to the catch basin, while another boring was completed beneath the bottom of the catch basin to determine whether the soil had been impacted by contents of the catch basin. The downgradient soil boring was completed as a monitoring well. The soil samples were submitted for laboratory analysis for VOCs, SVOCs, PCBs, and inorganics. The concentrations of constituents detected in the soil borings from AOI F-15 exceeded the Industrial Soil Volatilization to Indoor Air Inhalation Criteria (ISVIC) for tetrachloroethene (PCE) and 1,1-dichloroethene. However, the concentrations of constituents detected in the supplemental RFI field investigation soil boring samples did not exceed the screening criteria. Two rounds of groundwater sampling was completed from one monitoring well. The groundwater samples were submitted for laboratory analysis for VOCs, SVOCs, PCBs, and inorganics. The concentrations of constituents detected in the groundwater samples did not exceed the industrial screening criteria. The RFI soil data from AOI F-15 indicated that a release was identified based on the presence of PCE in the soil at concentrations greater than the screening criteria. However, the area is paved and there are no exposure pathways. Therefore, it was concluded that the concentrations of 1,1-dichloroethene and tetrachloroethene in soil at AOI F-15do not pose an unacceptable risk and no further action was required other than to properly abandon the catch basin.

4.1.2 Historic Map Review

ARCADIS contracted Environmental Data Resources, Inc. (EDR) to conduct a Sanborn Fire Insurance (Sanborn) map search for the Site. ARCADIS reviewed historical Sanborn maps provided by EDR for the years 1924, 1950 and 1970. (Appendix B).

The 1924 Sanborn map depicts the Site as improved with the primary factory building surrounded by eight auxiliary buildings.

- Factory Building: is identified. The main portion of the factory building is listed as woodworking and assembly. The northern portion of the building is a dry kiln for drying wood. Railroad spurs are located along the eastern and southeastern portion of the plant. A water tower and furnace building with coal bins and a 200,000 gallon reservoir is noted on the southeastern portion of the Site. A portion of the building on the northern side is listed as a sheet metal work. Adjacent properties to the south and southeast are shown as residential.

The 1950 Sanborn map identifies major changes which have taken place at the Site.

- The Site has changed in appearance. The main focus of the shop appears to have changed from wood working to lacquer finishing and metal assembly. The factory appears to produce trim and auto body pieces for car assembly. There are several lacquer spraying and drying areas, metal shops, parts storage, assembly and welding areas, along with a power/boiler shop, rail spurs and train shed. The adjacent areas to the north, south and west are listed as residential. A building labeled as the "Universal Oil Seal Company" is shown to the southwest of the property.

The 1970 historical Sanborn map depicts the Site and surrounding area similar to the 1950 historical Sanborn map.

- Additional development has occurred on the surrounding properties, and some changes have been made to the interior of the building as operations at the Site changed over the years. Additional rail spurs are noted on the Site along with an above ground conveyor belt to the assembly facility to the east of the Site.

Based on the information obtained from the historical records reviewed, it appears that either historical and/or current recognized environmental conditions are present at the Site. Refer to Section 7.0 for a discussion of the RECs and HRECs identified during the course of ARCADISs investigation.

4.1.3 Aerial Photograph Review

ARCADIS reviewed historical aerial photographs provided by EDR for the years 1937, 1940, 1949, 1957, 1964, 1972, 1980, 1993, 2000, and 2005.

Year 1937: EDR Aerial Photograph

The 1937 Aerial Photograph depicts the Site as developed with the main factory building and several smaller structures immediately to the south of the factory building. A parking lot area is located on the northwest portion of the Site. Railroad tracks are depicted east of the main factory building on the Site. Rail car spur is noted entering site form the south and rail car storage is noted on the western portion of the Site. A long pipe is noted extending from a west adjacent building to the main factory building on the Site.

The surrounding properties to the north appear to be undergoing development. Property to the west and south are undergoing development also. A larger building is noted to the southwest of the site. On the adjacent property to the east, a portion of the GM Facility is present along with railroad tracks.

Year 1940: EDR Aerial Photograph

The 1940 Aerial Photograph depicts the Site and surrounding area similar to the 1937 photograph. A coal stockpile is noted on the southern portion of the Site to fuel the existing power plant onsite. Additional residential development is noted to the north, west and south of the Site.

Year 1949: EDR Aerial Photograph

The 1949 Aerial Photograph depicts the Site as improved with the main factory building. Several smaller buildings are noted on the southeast portion of the Site, next to the main building. The northwest portion of the Site is used as a parking lot along with the property west of the Site west of Baldwin Ave. A railroad track is depicted entering the Site from the south. It appears that there is material storage located south of the Site, and that a portion of the property to the southeast of the Site has been cleared. The area which appears to have been cleared (to expand the coal stockpile) included removal of the existing road which was present.

Additional development has occurred to the north, south, and west of the Site. It appears that the adjacent GM property has material storage located across the railroad tracks from the Site.

Year 1957: EDR Aerial Photograph

The 1957 Aerial Photograph depicts greater detail as to the activities at the Site. The cleared area to the south is being used for a larger coal stockpile for the power plant onsite. Smoke can be seen from the stacks at the Site. Additional expansion has occurred on the northwest portion of the Site, with the addition of newer buildings connected to the main facility. The parking lot area to the west of the Site and west of Baldwin Avenue has been expanded. It appears that materials are being stored south of the main building and near the railroad spur.

Additional development has occurred on the adjacent GM facility to the east of the Site. Larger aboveground tanks appear to be present west of the building and along the railroad tracks. There is additional development to the north, south, and west of the Site.

Year 1964: EDR Aerial Photograph

The 1964 Aerial Photograph shows the Site similar to the 1957Aerial Photograph. There is additional piping and structures present on the roof of the main building. The surrounding areas to the north, south and west are depicted similar to their appearances in the 1957 Aerial Photograph with additional residential development taking place. The east adjacent property has been improved with an additional large industrial building with paved parking lots and addition rail spurs. Additional aboveground tanks are present on the adjacent GM facility property to the east of the Site. Additional vehicle parking is noted to the south of the Site across Kenneth Road.

Year 1972: EDR Aerial Photograph

The 1972 Aerial Photograph depicts the Site similar to the 1964 Aerial Photograph. Additional parking is noted south of the Site, and more structures are present on the roof of the building.

Year 1988: EDR Aerial Photograph

The 1980 Aerial Photograph depicts the Site similar to the 1980 aerial photograph, except for an addition has been added along the west side of the factory building. The previously identified railroad tracks on the west portion of the Site are no longer visible. The surrounding area is depicted similar to the 1980 photograph except for an industrial structure southeast of the Site.

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

4.1.4 City Directories

ARCADIS contracted EDR to conduct a City Directory search for the Site and surrounding area. EDR reviewed city directories for the Site and the surrounding properties every five years between 1922 and 2010, as available. The City Directory information indicated that listings were found with the Site address, 900 Baldwin Avenue, Pontiac Michigan, for the years 1939, 1945, 1952, 1957, 1962, 1973, 1978, 1983, and 1988. The Site address listings included:

- 1939: - Fisher Body (auto body mfrs.)
- 1945: - Fisher Body Pontiac Division (auto body mfrs.)
- 1952: - Fisher Body Division of GMC (auto body mfrs.)
- 1957: - Fisher Body Division of GMC (auto body mfrs.)
- 1962: - Fisher Body Division of GMC (auto body mfrs.)
- 1973: - Fisher Body Division of GMC, GFM-Prophet Co., and JE Green Plbg. & Htg.
- 1978: - Fisher Body Division, GFM-Prophet Co., James Utley, Inc., United Auto Workers
- 1983: - AB MYR. Sheet Metal., Fisher Body Div., Flack, Inc., GFM-Prophet Co., Hoyt Brumm & Link, Industrial Mechanical, Inc., Pulte Construction Co., Sylvan Plumbing & Heating, Walbridge & Associates, Zack Co.
- 1988: - GFM-Prophet co., Pyrpower Corp.

The EDR report identified the following occupants for adjacent property addresses. Listed dates and properties may be of interest, any remaining listings of occupants on adjacent properties have been noted in the review but may not be of considerable interest:

- 867 Baldwin Avenue
    - Year 1957 – Graham's Pure Oil
    - Year 1952 – Graham & Cain Filing Station
    - Year 1931 – Harry Daimler Filing Station

- 921 Baldwin Avenue
  - 1962 – Sani-Klean Dry Cleaners
  - 1952 – Greene's Veteran Cleaners Clo.
- 981 Baldwin Avenue
  - 1983 – Ultrapak Inc.
  - 1957 – Whitmore Garage (auto repair)
- 988 Baldwin Avenue
  - 2010 – Northgate Auto
  - 2002 – Northgage Auto
  - 1998 – Northgage Auto
  - 1993 – Northgage Auto

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.

Year 1907 Pontiac Quadrangle

The 1907 topographic map is a 15-minute series map depicts the Site as primarily unimproved land. The Pontiac Orchard Railroad is shown on the topographic map along with Baldwin Ave. The Site appears undeveloped with little development in the area.

Year 1943 Pontiac North Quadrangle

The 1943 topographic map is a 7.5-minute series map and shows the Site as developed. The Site has a large building shown which is bounded by Baldwin Ave to the west, Kenneth Road to the south, railroad tracks on the eastern portion, and Tennyson Ave. to the north. There is extensive residential development to the north, west, and south of the Site. The property to the east, a large building, a GM Assembly Facility is shown. The Site has a railroad spur coming into the Site from the south.

Year 1952 Pontiac North Quadrangle

The 1952 topographic map depicts the Site similar to the 1943 topographic map. Extensive development has occurred on the adjacent and surrounding properties, especially to the east. The GM Assembly Facility to the east has expanded and additional buildings are present. Additional development is noted in the residential areas to the north, west, and south. The area surrounding the Site is more developed.

Year 1968 Pontiac North Quadrangle

The 1968 topographic map depicts the Site itself as primarily similar to the 1952 topographic map. The building is depicted as having some expansion towards the south and some of the existing city roads may have been removed for the expansion of the facility.

Year 1973 Pontiac North Quadrangle

The 1973 topographic map, photo-revised from 1968, depicts the Site as similar to the 1968 map, except that there is additional development primarily noted on the adjacent property to the east. The GM Facility to the east has additions added to the main building. The surrounding areas to the north, west, and south all have additional development depicted.

Year 1983 Pontiac North Quadrangle

The 1983 topographic map, photo-revised from the 1968 topographic map, shows that the site building has an addition on the northwest corner. In addition, the property to the west of the Site, north of Kenneth Road appears to have the structures removed in preparation of the employee parking lot which is currently present at the Site. Additional development is noted on the adjacent GM property to the east.

Year 1997 Pontiac North Quadrangle

The 1997 topographic map shows the Site very similar to the current site layout, as it appeared during the Site visit. Since the 1983 topographic map, not many changes have been noted to the Site structure or the adjacent properties.

The EDR Topographic Map report is included in Appendix B.

4.1.6 Building/Planning Departments

The City of Pontiac requires a Freedom of Information Act (FOIA) request to access the municipal building files for the Site. ARCADIS submitted a FOIA request to the City of Pontiac Building Department and has not received a response as of the date of this report. If a response is received after this Phase I ESA report is issued, an addendum letter will be issued if the information obtained alters the findings of this report, otherwise the information will be maintained in ARCADIS project files.

Limited building information is maintained on the Oakland County Property Assessor website. ARCADIS accessed the Commercial and Industrial Property Profile on the Oakland County website to review available records on file for the Site. The records included a site map, building information, property photographs, and the commercial and industrial property profile.

The Site is zoned as 301 Industrial IMP (Industrial Imp.). The Site is not located within the FEMA Floodplain designated areas.

4.1.7 Additional Record Sources

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

4.1.8 Summary of Historical Information

Operations began at the Fiero facility in 1925 as the GMC Fisher Body Plant. This Plant supplied closed-type automotive bodies for the Oakland Motor Car Company, located at the Site. In 1932, the Oakland Motor Car Company became the Pontiac Motor Division. In 1935, the original GMC Fisher Body Plant, located at the Site, combined operations with the GMC Fisher Body Pontiac Plant with operations consisting of metal fabrication, soft trim fabrication, and body assembly. In 1942, operations at the Fiero facility converted to defense production work, which included production of military vehicle parts. The facility was modernized to a two-line automotive assembly operation from 1959 to 1961. In August 1982, the facility ceased operations, and the Pontiac Motor Division took possession of the Site and renamed it Fiero. From 1983 to 1988, the Pontiac Fiero was assembled in Plant 17 on a one-car assembly line. The plant was divided into a body shop, chassis department, paint shop, and trim department. Fiero assembly operations ceased in August 1988. Since 1988, the facility has been used for various non-production purposes, including storage and prototyping.

Current and historical wastes generated from car assembly at Fiero may have included scrap metal, metalworking fluids and oils (petroleum-based, oil-water emulsions, or synthetic emulsions), paints, paint solvents, and plasticizers. A wastewater treatment plant was in operation at the Site from 1973 to 1983 and managed wastewater, wastewater treatment sludge, paint sludge, and bonderite sludge. The plant was demolished and the area of the former wastewater treatment plant was paved over as a driveway.

GM submitted a Notification of Hazardous Waste Activity (U.S. EPA Form 8700-12) on August 8, 1980 and a Resource Conservation and Recovery Act (RCRA) Part A Permit Application on November 11, 1980. The Part A Permit Application listed the GMC Fisher Body Division Pontiac as a treatment, storage, and disposal (TSD) facility. The permit cited processes requiring container storage (S01), tank storage (S02), tank treatment (T01), and other treatment (T04). In the June 1985 revision to the Part A Permit Application, the name of the facility was changed to CPC Pontiac Fiero Assembly Plant of GMC.

A discussion of the Interim Status Units for this site is provided below.

Container Storage

The container storage interim status unit was located outside Plant 17 in the southwest driveway adjacent to the railroad tracks. The container storage area had an 18,700-gallon capacity and was used to store F001, F002, F007, F008, F003, F005, F010, F011, F017, and D001 wastes. GM removed all waste codes except D001 waste in the June 1985 Part A Permit Application revision. GM received clean closure for the container storage area in February 1988 from Michigan Department of Environmental Quality (MDEQ). A new container storage area was constructed on the south side of the storage dock of the assembly plant to replace the former container storage area. The new area had the same storage capacity as the former area and was used to store D001, F001, and F003 wastes. A closure report for the new container storage area was submitted in January 1995 by RUST; however, GM has not received official notification of clean closure from the MDEQ.

Tank Storage and Treatment

In the November 1980 Part A Permit Application, the interim status units for tank storage (600,000 gallon capacity), tank treatment (768,000 gallons per day [gpd] capacity), and other treatment (3,501,600 gpd capacity) were associated with the WWTP. The November 1980 Part A permit application cited 384,000 gpd wastewater treatment sludge dewatering, 3,110,400 gpd paint sludge dewatering, and 86,400 gpd bonderite sludge dewatering in the “other treatment” (T04) treatment category. The WWTP stored and/or treated F018, F006, F009, F017, and D002 wastes. The tank storage, tank treatment, and other treatment processes associated with the WWTP were removed from the Part A Permit Application in June 1985 due to the January 4, 1985 RCRA Amendments.

A new interim status (IM) unit for tank storage was included in the June 1985 Part A Permit Application revision. The interim status unit was the waste purge thinner underground storage tank (UST), located north of Plant 17 and west of the paint mix building. The unit had a capacity of 12,000 gallons and was used to store D001 waste. The waste category was changed to F005 waste in the February 1986 Part A Permit Application revision.

A closure report for the waste purge thinner UST was submitted in January 1995 by RUST; however, GM has not received official notification of clean closure from the MDEQ.

Current Operational Status or Land Use of Site

In 1997, the plant was reinstated, and is currently used for the storage of prototype parts and other non-production related activities. DTE Energy has purchased and is operating the Powerhouse (but only leasing the land).

4.2 Historical Use Information on Adjoining Properties

The properties adjacent the Site to the east was historically a part of the GM Pontiac North Campus that included several manufacturing buildings and associated structures on more than 595 acres. Industrial operations at these properties began in 1927 and were contiguous with the on-site production of vehicles. Subsequent automobile manufacturing operations were expanded to the west and south onto adjacent properties. Areas to the north and west primarily remained residential in nature, although GM has expanded and taken over portions of adjacent properties to assist in the manufacturing process. Property to the immediate south of the Site has been incorporated into the Fiero Site. South of the site is primarily residential and commercial in nature.

4.3 Physical Setting

4.3.1 Geology

4.3.1.1 Surface Features

Information regarding the regional and Site specific geology was obtained from EDR and prior Site investigations.

According to the EDR topographic information (Pontiac North, MI USGS Quadrangle Map), the Site elevation is approximately 977 feet. Topographically, the Site is flat due to extensive grading activities conducted during the development of the manufacturing complex. The general area has a gradual surface gradient that slopes downwards to the west-southwest.

4.3.1.2 Subsurface Features

According to EDR the soil component name for soils below the Site is Urban Land. Soil surface texture was not reported. The soil drainage class in the region is not reported and the hydric status is unknown.

Continental glaciers advanced into this area of Michigan at least twice, once in each of the last two glacial stages of the Illinoian and Wisconsinan glaciers of the Pleistocene epoch. During the Wisconsinan stage, ice sheets of the Huron-Erie glacial lobe advanced from the southeast across the area of the Site. During the advance and retreat of this ice sheet, a series of end moraines (Fort Wayne, Defiance, and Birmingham) and a thick sequence of ground moraine (glacial till) composed of clay, silt, and rock fragments were deposited in this area. As the ice sheet retreated to the southeast, large volumes of meltwater formed glacial Lake Maumee between the Fort Wayne Moraine and the retreating glacier. The ice again advanced, forming the Defiance Moraine, and subsequently retreated, forming glacial Lake Arkona. As the ice advanced yet again from the east, the Birmingham Moraine was formed. Pleistocene glaciation deposited glacial drift in a thickness of over 400 feet in parts of Oakland County. The buried bedrock surface is highly irregular. The Site is located in an area that is part of the lake plain of southeastern Michigan, formed by lakes that were ancestral to the present Great Lakes. Dunes, offshore bars, and lake-bottom sands, silts, and clays associated with the lakes are found in Oakland County.

Bedrock

Underlying the soils are the bedrock deposits classified as Paleozoic Era, Mississippian System and Osagean and Kinderhookian Series which are in stratigraphic sequence.

Oakland County is located along the southeast side of the Michigan Basin, a "bowl-like" feature in which the sedimentary rocks dip inward from all directions toward the center of the Lower Peninsula of Michigan. The Coldwater Shale, of Early Mississippian age, is the first bedrock formation encountered in the area. The shale is primarily gray to dark gray. Other lithologies within this unit include red fossiliferous or non-fossiliferous shale, carbonate (limestone or dolomite), siltstone, and sandstone. Total thickness of the Coldwater Shale in the vicinity of the Site may be up to 1,300 feet (Westjohn and Weaver, 1996). Located beneath the Coldwater Shale are sedimentary formations of the Berea Sandstone - Bedford Shale unit.

4.3.2 Hydrology

4.3.2.1 Surface Water

Within the Site boundaries, surface water drainage is controlled by building and paved area drainage patterns. Storm water from the roofs of Site structures is directed through roof drains and downspouts to exterior Site surfaces or through underground piping to the storm sewer system. The majority of the site is paved or under roof, therefore a majority of the storm water runoff from exterior Site surfaces enters into catch basins that discharge to the storm sewer system. There are two storm water discharge points from the Site. The storm water outfalls from the Site are:

- Fiero Outfall 001 to Harris Lake;
- Fiero Outfall 002 to Osmun Lake via Augusta Drain;

Regarding local surface water drainage, the nearest surface water bodies to the Site are Harris Lake, Terry Lake, and Osmun Lake, which are approximately 600 to 3,200 feet southwest to west of the Site. These lakes discharge into the Clinton River, which is located approximately 5,200 feet south of the Site. On a regional scale, the Site is located within the Clinton River watershed, which includes an area of approximately 760 square miles within Oakland and Macomb counties. The Clinton River discharges into Lake St. Clair (approximately 25 miles to the east), which is used as a municipal water supply for the City of Detroit and surrounding communities, including the City of Pontiac.

4.3.2.2 Groundwater

Based on the Geocheck® Addendum to the EDR Radius Map Report, groundwater flows to the south and southeast towards the Clinton River and depth to groundwater ranges from 17 to 125 feet below ground level (bgl) depending on which aquifer is being encountered. Regional groundwater flow is typically to the south and east corresponding in general to flow within the Clinton River watershed. Water-bearing formations exist in both the unconsolidated and bedrock formations. In the Site area, four distinct water-bearing units are identified: unconfined water table aquifer, glacial aquifer, sand and gravel outwash aquifer and bedrock aquifer. Each is described below.

Unconfined water table zone
The upper glacial deposits (till and glacio-lacustrine) of the area contain an unconfined water table influenced by seasonal precipitation, local drainage patterns, and topography. The water table is located at a depth of approximately 10 to 30 feet below ground surface. The unconfined water table zone is not used for water supply purposes. The use of this zone as a potable supply is generally prohibited by Michigan Department of Public Health regulations (Part 127 of Act 368 [Groundwater Quality Control], 1978) because it is at a depth of less than 25 feet.

Glacial zone
The regional glacial till is extensive, both laterally and vertically. The glacial till moraines consist of poorly stratified clays, sand, and gravel that are not laterally continuous. This material does not transmit large quantities of water, and as a result, water-bearing zones within this unit are not considered significant aquifers. However, in some areas, glacial outwash underlies the moraine material. In the vicinity of the Site, the outwash appears in a more complex, bedded sequence with the moraine. It is within these interbedded layers of outwash that larger quantities of water can be yielded over longer periods of time.

Sand and gravel outwash zone
The regional sand and gravel aquifer is composed of glacial outwash that generally consists of beds of well sorted sand and gravel. This regional aquifer unit underlies the glacial till and the interbedded local outwash aquifers described above at a depth of approximately 150 feet. This unit is considered the most important aquifer in the region because it provides storage for large quantities of water that can be used for both residential and industrial supplies.

Bedrock zone
On a regional basis, the Coldwater Shale and Bedford Shale are commonly considered nonproductive aquifers, typically yielding only small amounts of water. However, on a local basis, within parts of the region, the Coldwater Shale contains beds of sandstone. This occasional sandstone layer and the Berea Sandstone (where present) yield enough water for residential use. A more abundant water supply is found at greater depths but its use is impractical due to depth and significant increases in mineral content.

4.4 Standard Environmental Record Sources – Federal and State

ARCADIS 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 (mile)	Site	0 – 1/8 mile	1/8 – ¼ mile	¼ - ½ mile	½ - 1 mile	> 1 MILE
NPL (National Priority List)	1.00	No	0	0	0	0	0
Proposed NPL	1.00	No	0	0	0	0	0
NPL LIENS (Federal Superfund Liens)	TP	No	NR	NR	NR	NR	NR
Delisted NPL	1.00	No	0	0	0	0	0
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System)	0.500	No	0	0	0	NR	NR
FEDERAL FACILITY	1.00	No	0	0	0	0	NR
CERCLIS-NFRAP (No Further Remedial Action Planned)	0.500	Yes	0	0	0	NR	NR
RCRA CORRACTS (Corrective Action Report)	1.00	Yes	0	0	0	1	0

Database	Search Radius (mile)	Site	0 – 1/8 mile	1/8 – ¼ mile	¼ - ½ mile	½ - 1 mile	> 1 MILE
RCRA TSDF (Transporters, Storage, and Disposal Facilities)	0.500	Yes	0	0	0	NR	NR
RCRA Generators	0.500	Yes	0	1	0	NR	NR
US ENG CONTROLS (Engineering Controls Site List)	0.500	No	0	0	0	NR	NR
US INST CONTROL (Sites with Institutional Controls)	0.500	No	0	0	0	NR	NR
SHWS (Contaminated Sites)	1.00	No	0	0	0	0	NR
State & Tribal SWF/LF (Solid Waste Facilities Database)	0.500	No	0	0	0	0	NR
State & Tribal LUST (Leaking Underground Storage Tank Sites)	0.500	No	0	0	5	NR	NR
State & Tribal USTs (Underground Storage Tanks)	0.250	Yes	0	0	NR	NR	NR
State ASTs (Aboveground Storage Tanks)	0.250	No	0	0	NR	NR	NR
HIST LF (Inactive Solid Waste Facilities)	0.500	No	0	0	0	NR	NR
LIENS (Lien List)	TP	No	0	NR	NR	NR	NR
FINDS	TP	Yes	NR	NR	NR	NR	NR
Financial Assurance	TP	Yes	NR	NR	NR	NR	NR
AIRS (Permit and Emissions Inventory Data)	TP	No	0	NR	NR	NR	NR
BEA (Baseline Environmental Assessment Database)	0.500 mile	No	0	0	2	NR	NR

4.4.1 Site

The Site was identified on the following federal and/or state regulatory databases searched by EDR: Federal: CERC-NFRAP, RCRA-TSDF, RCRA-LQG, CORRACTS, RCRA-SQG, RCRA-NonGen, FINDS, and Financial Assurance along with being noted on the State UST and LUST databases.

GM Pontiac Fiero Assembly Plant (the Site) is listed at 900 Baldwin Avenue in Pontiac, Michigan. The RCRA-SQG database listing provides the registration numbers as 1012180767 and MIK614342962. The data base shows a change in ownership status from General Motors to Motors Liquidation Corporation in July 2009.

The other federal databases listed CERC-NFRAP, RCRA-TSDF, RCRA-LQG, RCRA-NonGen, and FINDS have registration numbers as 1000109581 and MID005356910. Several written informal violations are noted, along with a RFA completed (4/14/1992).

The state UST database was searched. The facility has an ID number of U003321777. The database shows that 3 tanks were removed. Status unreported.

PPG Industries, Inc. is also listed at the Site at 900 Baldwin Avenue in Pontiac, Michigan. It has a RCRA-NonGen Number 1000119668 and MID981961816 and a FINDS number of 110008452165. No violations or issues were noted on the EDR Database Report for PPG Industries.

4.4.2 Federal Environmental Record Sources

EDR identified seven facilities within the applicable radius for the Federal databases searched. The databases identified include: CERCLIS-NFRAP, CORRACTS, RCRA-LQG, RCRA-CESQG, RCRA-TSDF, US INST CONTROLS, RCRA-NonGen, AIRS, DRYCLEANERS, and BEA. Information in this section was obtained from EDR.

Wardrobe Cleaners is listed at 1038 Baldwin Avenue, between 0.125 and 0.250 miles north-northwest of the Site. The facility is listed on the RCRA-CESQG, FINDS, and DRYCLEANERS databases with ID numbers 100192171 and MID017321258 with no violations noted.

Vinyl Sash of Pontiac is listed at 1065 Baldwin Avenue, between 0.125 and 0.250 miles north-northwest of the Site. The facility is listed on the RCRA-CESQG and FINDS databases with ID numbers 100865467 and MI0000052662 with no violations noted.

GMC Pontiac Motor Division is listed at One Pontiac Plaza, between 0.500 and 1.0 miles to the north-northeast. The facility is listed on the CERCLIS-NFRAP, CORRACTS, RCRA-LQG, RCRA-TSDF, MANIFEST, FINDS, and FINANCIAL ASSURANCE databases. The listed ID numbers are 1000128106 and MID005356886. The facility had a RFA completed on 5/17/1990 which determined an RFI was needed. An RFI was completed on 9/27/1991 with an assignment of a low corrective action priority. Stabilization measures were implemented on 7/23/1996 which included capping, fencing and deed restrictions. On 9/29/2004 a determination was made that the migration of contaminated groundwater is under control and monitoring will continue. The facility has had numerous written informal violations noted, but all appear to have achieved compliance.

Based on the inferred groundwater gradient and flow direction at the Site, it appears none of the identified properties on the federal and/or state regulatory databases within a 1/8 of mile of the Site present an environmental concern except for the east-northeast GMC Pontiac Motor Division facility which is located upgradient of the Site.

Therefore, based on ARCADIS's review of the EDR Radius Map report it appears known or suspect environmental concerns are present associated with the east adjacent property. The environmental concerns identified during the course of this investigation are discussed in detail in Section 7.0. 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 identified eight facilities within the applicable radius for the State and Tribal databases searched. The databases identified include: LIENS, MANIFEST, UST, LUST, and HIST LF. Information in this section was obtained from EDR.

Baldwin Mini Mart is listed at 720 Baldwin Avenue, between 0.250 and 0.500 miles south of the Site. The facility is listed on the LUST and UST databases with ID number U003160766. The site has 6 tanks removed and currently has 5 tanks in operation. A release of gasoline was reported on 8/20/1992 and the status is currently open.

UHAULS #754-67 is listed at 30 East Montcalm, between 0.250 and 0.500 miles south of the Site. The facility is listed on the LUST and UST databases with ID number U002302719. The site has 2 tanks removed and none reportedly in operation currently. A release of used oil was reported on 8/12/1993 and the status is currently open.

Rite-Aid #4302 is listed at 1186 Baldwin Road, between 0.250 and 0.500 miles north of the Site. The facility is listed on the BEA databases with ID number S109416755. The facility is listed on the BEA database with BEA number 4092 and in the category of different hazardous substance(s).

Adlers Service Inc., is listed at 1186 Baldwin Road, between 0.250 and 0.500 miles north of the Site. The facility is listed on the LUST and UST databases with ID number U000261729. The facility had three releases reported, 5/29/2007 – gasoline; 9/10/1999 – unknown substance; and 8/1/1990 - release substance not reported. The status of all three releases is currently open. The site has had seven tanks removed.

Adlers Service Inc., is listed at 1186 Baldwin Road, between 0.250 and 0.500 miles north of the Site. The facility is listed on the BROWNFIELDS databases with ID number S107136006. The status is listed as PLP.

Adlers Service Inc., is listed at 1186 Baldwin Road, between 0.250 and 0.500 miles north of the Site. The facility is listed on the BEA database with BEA number 3712 and in the category of different hazardous substance(s).

Hubert Distributors, Inc., is listed at 125 East Columbia, between 0.250 and 0.500 miles north-northeast of the Site. The facility is listed on the LUST databases with ID number U002302568. The facility had a release reported, 9/26/1995 – diesel fuel. The status of the releases is currently closed.

Columbia Avenue Pontiac is listed at 130 East Columbia, between 0.250 and 0.500 miles north-northeast of the Site. The facility is listed on the LUST databases with ID number S105213395. The facility had two releases reported, 1/28/1991 – release substance not reported; and 1/28/1991 – release substance not reported. The status of the releases is currently closed. The site has had one tank removed.

Based on the inferred groundwater gradient and flow direction at the Site, it appears none of the identified properties listed above on the federal and/or state regulatory databases within a 1/8 of mile represent an environmental concern to the Site.

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

4.4.4 Orphan Summary

ARCADIS 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. Six of the 14 facilities listed in the Orphan summary appear to be located within the Approximate Minimum Search Distance for the above-referenced Federal and State regulatory databases.

Several of the properties are listed on the BEA, SHWS, and SPILLS databases and do not appear to present a concern to the Site.

4.5 Additional Environmental Records Sources

4.5.1 Local Fire Department

ARCADIS submitted a FOIA request to the City of Pontiac Fire Department on April 26, 2010. To date, no response has been received.

4.5.2 Local Health Department

ARCADIS submitted a FOIA request to the Oakland County Health Department requesting to review all drill well, septic tank, drinking water, and other environmental records. To date, the Oakland County Health Department has not responded to the request.

4.5.3 Michigan Department of Environmental Quality

ARCADIS searched the MDEQ (now known as MDNRE) - Underground and Leaking Underground Storage Tank databases on the MDEQ Website. The Site was listed on the Underground Storage Tank database as having 4 USTs. None of the tanks were listed as leaking. These tanks were listed under the address 900 Baldwin Avenue, Pontiac, MI. The tanks were identified in previous reports as being located on the Site. The tanks in the following table were listed on the Underground Storage Tank database.

Tank ID	Capacity (gallons)	Tank Status	Installation Date	Contents	Installation Removed
1	8,000	Removed from Ground	April 29, 1966	Hazardous substance	July 3, 1989
2	8,000	Removed from Ground	April 29, 1966	Hazardous substance , cello solve Acetate,1	July 1, 1989
3	12,000	Removed from Ground	April 29, 1965	Hazardous substance 2-Butanne,7	July 1, 1989
4	1,000	Removed from Ground	April 30, 1983	Not reported	July 3, 1989

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Moriah Bloom and Holly Burger of ARCADIS visited the Site on April 23, 2010. The weather at the time of ARCADIS' investigation was cool and sunny, with a temperature of approximately 65 degrees Fahrenheit. ARCADIS inspected accessible areas of the Site buildings and the exterior grounds.

ARCADIS had no access limitations to the Site, however, the roof and pits were not fully inspected due to access issues/safety and water in some of the pits.

5.2 Current Site Use

The Site currently consists of a 1.4 million-square foot building, asphalt-paved parking areas, and vegetated landscaped areas. The Site is currently a vacant manufacturing plant with administrative offices and supporting areas.

5.3 Site Observations

5.3.1 Underground Storage Tanks (USTs)

ARCADIS did not observe fill pipes, vent pipes or other evidence of USTs on the Site. There are no USTs currently at the Site.

Historically, 4 USTs were located at the Site associated manufacture of automobile parts and assembly. These USTs have been removed from the ground according to the MDEQ Underground Storage Tank database. Refer to Section 4.1.1 for a discussion and Section 4.5.3 for a complete table of the USTs formerly located at the Site.

The possibility does exist that there is an oil/water separator along the northwest portion of the plant building.

5.3.2 Aboveground Storage Tanks (ASTs)

ARCADIS observed several AST's at the Site. It is unclear that the AST's observed at the Site may or may not still contain materials within the tanks. It appeared that the tanks were empty but all could not be confirmed. Several of the AST's did have secondary containment, but some of the tanks did not. Some of the ASTs are associated with former manufacturing equipment at the Site. Several of the tanks had staining near them indicating past spills or leaks.

5.3.3 Hazardous Substance and Petroleum Use

ARCADIS did not observe any hazardous substances at the Site. Petroleum products were observed at the Site including oils, greases, hydraulic fluids, diesel and gasoline. One 55-gallon drum was labeled as "waste hydraulic oil-dated 3/22/2010". A gasoline AST and several gas cans were noted. Some of the equipment still on-site appeared to be leaking "oily" materials. The hydraulic lift near the southwest portion of the Site was rusty and stained.

5.3.4 Unlabeled Drums/Containers

ARCADIS observed several unlabeled drums or containers at the Siteincluding a 55-gallon drum labeled as "waste hydraulic oil-dated 3/22/2010", several gasoline containers, several poly-drums, and other containers of differing sizes. There were steel "gas cylinders" observed in an area outside of the northern portion of the plant. It is unknown whether the cylinders were full or empty at the time of the Site visit.

5.3.5 Stained Soil or Pavement

ARCADIS did not observe any staining at the exterior of the Site; which would be considered as an indication of an environmental issue due to the former operation at the plant. There is staining on the interior floors of the assembly plant from the past operations at the Site

5.3.6 Stains or Corrosion

There was significant rust staining in several areas within the main manufacturing building. A majority of the stains and corrosion are found near equipment and near doors and outside walls. The concrete and wooden flooring was observed in relatively good condition throughout the manufacturing building.

5.3.7 Stressed Vegetation

ARCADIS did not observe evidence of stressed vegetation due to environmental factors related to the past operation of the plant.

5.3.8 Polychlorinated Biphenyls (PCBs)

ARCADIS did not observe any possible PCB containing equipment at the Site. Due to the age of the building and the operations which were present, there is a strong possibility that PCBs were present within the building at the Site. Some of the ongoing environmental remediation is focused on the cleaning of storm water sewers at the plant which have concentrations of PCBs above clean-up criteria.

5.3.9 Solid Waste/Dumping

Although the Site is closed, minimal solid waste is generated on-site associated with property up-keep. Additional solid waste will be generated as the Site is being decommissioned.

5.3.10 Site Drainage

Stormwater at the Site flows to storm drains located throughout the facility. The storm drains flow to the Oakland County Sewer System which then flow towards the south-southwest to surface water lakes in the area.

5.3.11 Pits, Ponds, Lagoons and Pools of Liquid

ARCADIS observed pits and pools of liquid on the Site. There are pits throughout the facility and pools of liquids on the floor of the main building due to leaks in the roof and leaks from piping and equipment. Some of the pits were observed to contain water at the time of the Site inspection. There may be an oil/water separator located on the Site near the northern portion of the building as evidenced by manhole lids.

5.3.12 Wastewater

Wastewater is discharged to the municipal sanitary sewer system. There is a wastewater treatment facility on the adjacent GM North Campus property where industrial wastewater was treated prior to discharge to the sanitary sewer system.

5.3.13 Wells

ARCADIS did not observe dry wells, irrigation wells, and injection wells at the Site. From prior investigations, the Site does have existing monitoring wells and evidence of past soil borings conducted at the Site. Monitoring wells were observed in know Areas of Interest (AOIs) which are currently or have undergone investigations.

5.3.14 Septic Systems

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

5.3.15 Odors

ARCADIS did not note readily noticeable strong, pungent, or noxious odors at the time of the site visit associated with the past operations at the plant.

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

ARCADIS provided a questionnaire to Mr. Bob Hare, Site Manager for MLC. The completed questionnaire is presented in Appendix A.

6.2 Site Occupants

The Site was unoccupied except for security which patrols the facility.

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 other site personnel were interviewed during the course 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

ARCADIS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 900 Baldwin Avenue, Oakland County, Pontiac, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report.

This assessment has revealed the following RECs associated with the Site:

- ARCADIS's review of historical aerial photographs and topographic maps indicate that a series of railroad tracks are located on the east portions of the Site. The plant is serviced by a railroad spur. Various unknown materials were transported on the tracks and potential impacts from releases are unknown. In addition, railroad ties were typically preserved with creosote, which over time has the potential for impacting the surrounding surfaces. A pile of railroad ties is located on the Site.

- The properties adjacent the Site to the east, were historically parts of the GM Pontiac North campus that over the years has included many building and varied operations. Several ongoing investigations are taking place on the adjacent property to the east. Due to the proximity of the Site to this adjacent property, the potential does exist that the adjacent property to the east may have an environmental impact to the Site.

- The oil/solvent catch basin (AOI F-15) would be a REC if the soils in this area were exposed, or if the site uses or conditions were changed in some way to increase exposure to these soils.

- Roof materials on a portion of the old manufacturing roof are impacted with lead materials, which have been proposed to be removed in a Corrective Measures Proposal.

- Several storm sewers have been found to be impacted with PCBs, Metal, SVOCs, and VOCs, which have been proposed to be cleaned in a Corrective Measures Proposal.

7.2 Historical Recognized Environmental Conditions

This assessment revealed the following historical REC (HREC) associated with the site.

- The former presence of four USTs on the Site, removed in 1989 are considered an historical REC. Remedial actions were completed in association with the closure of these tanks and a RCRA Closure Report was submitted for one of the USTs.

7.3 De Minimis Conditions

De minimis environmental conditions at the Site include the following:

- De minimis surface staining was observed on floor areas of the manufacturing portions of the building

- De minimis amounts of surface staining were observed on parking lots and driveways at the Site.

- There is minor oil staining of the asphalt and concrete in loading/unloading ramps for trucks and within the ballast in the railroad.

- In several of the maintenance areas within the building, minor staining was observed on the floor areas near work benches and some of the flammable cabinets and near equipment.

8.0 CONCLUSIONS

ARCADIS performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 900 Baldwin Avenue, Oakland County, Pontiac, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report.

This assessment has revealed the following RECs associated with the Site:

- The presence of railroad tracks on the east portion of the Site is considered a REC since various unknown materials were transported on the tracks and potential impacts from releases are unknown. In addition, railroad ties were typically preserved with creosote, which over time has the potential for impacting the surrounding surfaces. A pile of railroad ties is also located on the Site.

- The oil/solvent catch basin (AOI F-15) would be a REC if the soils in this area were exposed, or if the site uses or conditions were changed in some way to increase exposure to these soils.

- The presence of the GM Pontiac North campus property adjacent the Site to the east is a REC due to several ongoing investigations and remediation taking place and the potential that this property may have an environmental impact on the Site. However, the on-going groundwater monitoring program for the Pontiac North campus already includes the sampling and analysis of monitoring wells on the Site.

- Roof materials on a portion of the old manufacturing roof are impacted with lead materials, which have been proposed to be removed in a Corrective Measures Proposal.

- Several storm sewers have been found to be impacted with PCBs, Metal, SVOCs, and VOCs, which have been proposed to be cleaned in a Corrective Measures Proposal.

The following are considered business environmental concerns:

- The presence of piping insulation which was labeled as containing asbestos or possibly containing asbestos related materials.

- The possible presence of lead based paint on the structural steel and other painted portions of the building

9.0 DEVIATIONS/DATA GAPS

The inability to identify the date of first use of the Site for agricultural purposes represents a data gap. Also, several of the historic database record searches did have greater than 5 year data gaps. Due to the known historic use of the Site, it is the opinion of ARCADIS that this data gap is not significant and does not affect our ability to render the foregoing conclusion.

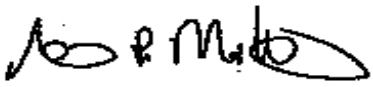
10.0 ADDITIONAL SERVICES

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

11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

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.

Douglas M. Lindsay, PG, LSP
Senior Geologist

 for

Richard G. Kowalski, CPG, LSP, CHMM
Principal Geologist

12.0 REFERENCES

City of Pontiac

- Fire Department

Oakland County

- Health Department
- Commercial and Industrial Property Profile (http://www.oakgov.com/accessok/products/cip.html)

State of Michigan

- Michigan Department of Natural Resources and Environment Storage Tank Unit
- Michigan Department of Natural Resources and Environment Underground Storage Tank and Leaking Underground Storage Tank Database

Reports, Plans and Other Documents Reviewed:

EDR:

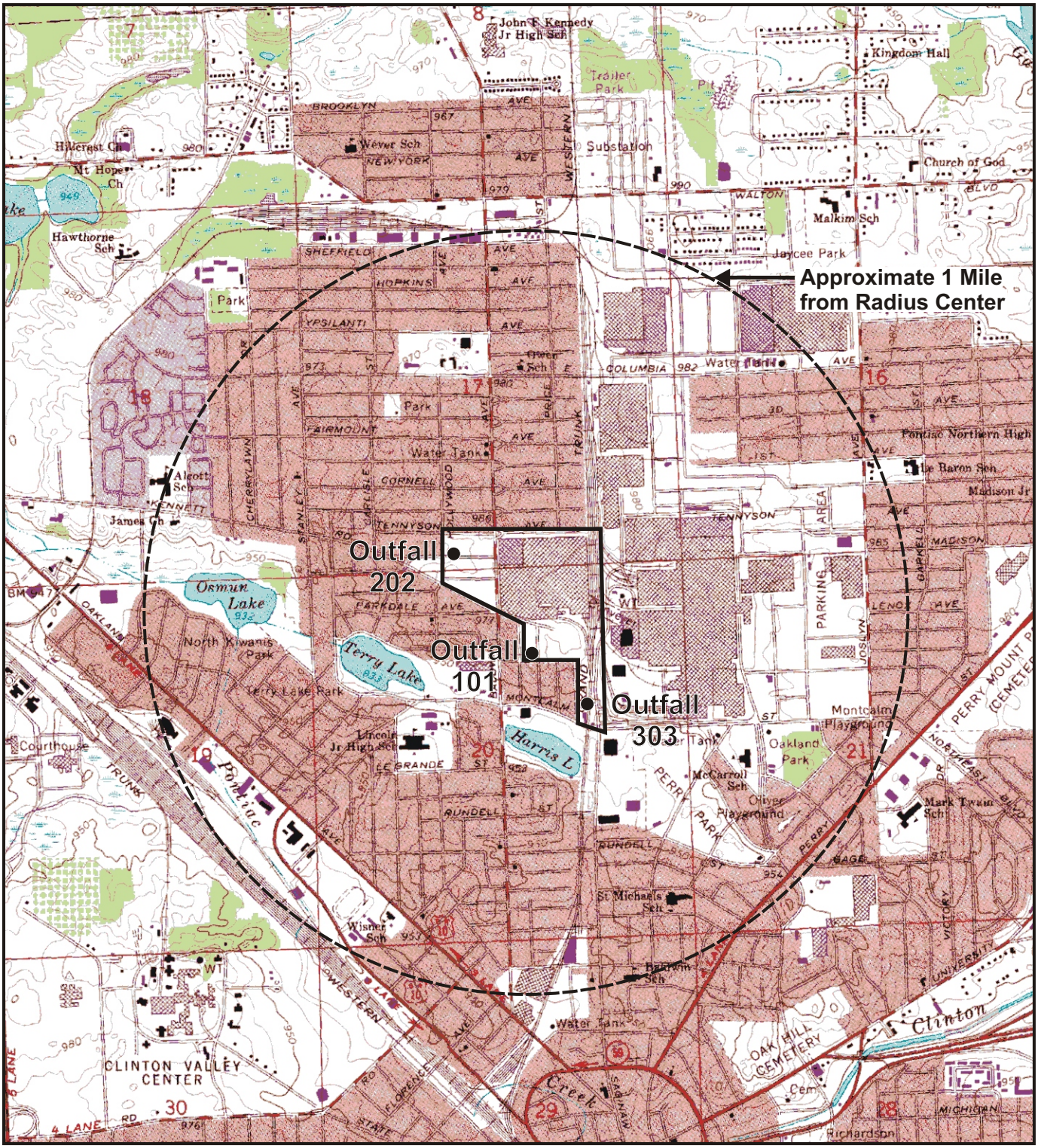
- *The EDR Aerial Photo Decade Package*, Inquiry Number 2752984.5, April 26, 2010, MLC Fiero Plant, 900 Baldwin Avenue, Pontiac, MI 48340.
- *The EDR Radius Map with GeoCheck*, Inquiry Number 2752984.2s, April 22, 2010, MLC Fiero Plant, 900 Baldwin Avenue, Pontiac, MI 48340.
- *The EDR Sanborn Map Report*, Inquiry Number 2752984.3, April 22, 2010, MLC Fiero Plant, 900 Baldwin Avenue, Pontiac, MI 48340.
- *The EDR Topographic Map Report*, Inquiry Number 2752984.4, April 22, 2010, MLC Fiero Plant, 900 Baldwin Avenue, Pontiac, MI 48340.
- *The EDR City Directory Abstract*, Inquiry Number 2752984.5, April 27, 2010, MLC Fiero Plant, 900 Baldwin Avenue, Pontiac, MI 48340

Previous Environmental Reports Reviewed:

- Current Conditions Report, Pontiac North Campus, Volume I of IV, by Encore, dated January 30, 2001.
- RCRA Facility Investigation (RFI) Work Plan, Addendum No. 13, FIERO (PLANT 17) SEWER AND SUBSURFACE INVESTIGATIONS, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; September 24, 2004, by Encore.
- Corrective Measures Proposal, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; November 26, 2003, by Encore.
- RCRA Facility Investigation (RFI) Report, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan; MID 005356910, MID 085470102, MID 005356886, MID 076331289, April 29, 2002, by Encore.

- Supplemental RCRA Facility Investigation (RFI), Report No. 1, Pontiac North Campus, General Motors Corporation, Pontiac, Michigan, MID 005356910, MID 085470102, MID 005356886, MID 076331289, November 26, 2003, by Encore
- Site Location Map, by Encore
- Remediation Cost Estimate Summary, ARCADIS, dated October 27, 2009.

FIGURES



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., PONTIAC NORTH, MICHIGAN, 1968, PHOTOREVISED 1983.

2000' 0 2000'

Approximate Scale: 1" = 2000'

Area Enlargement

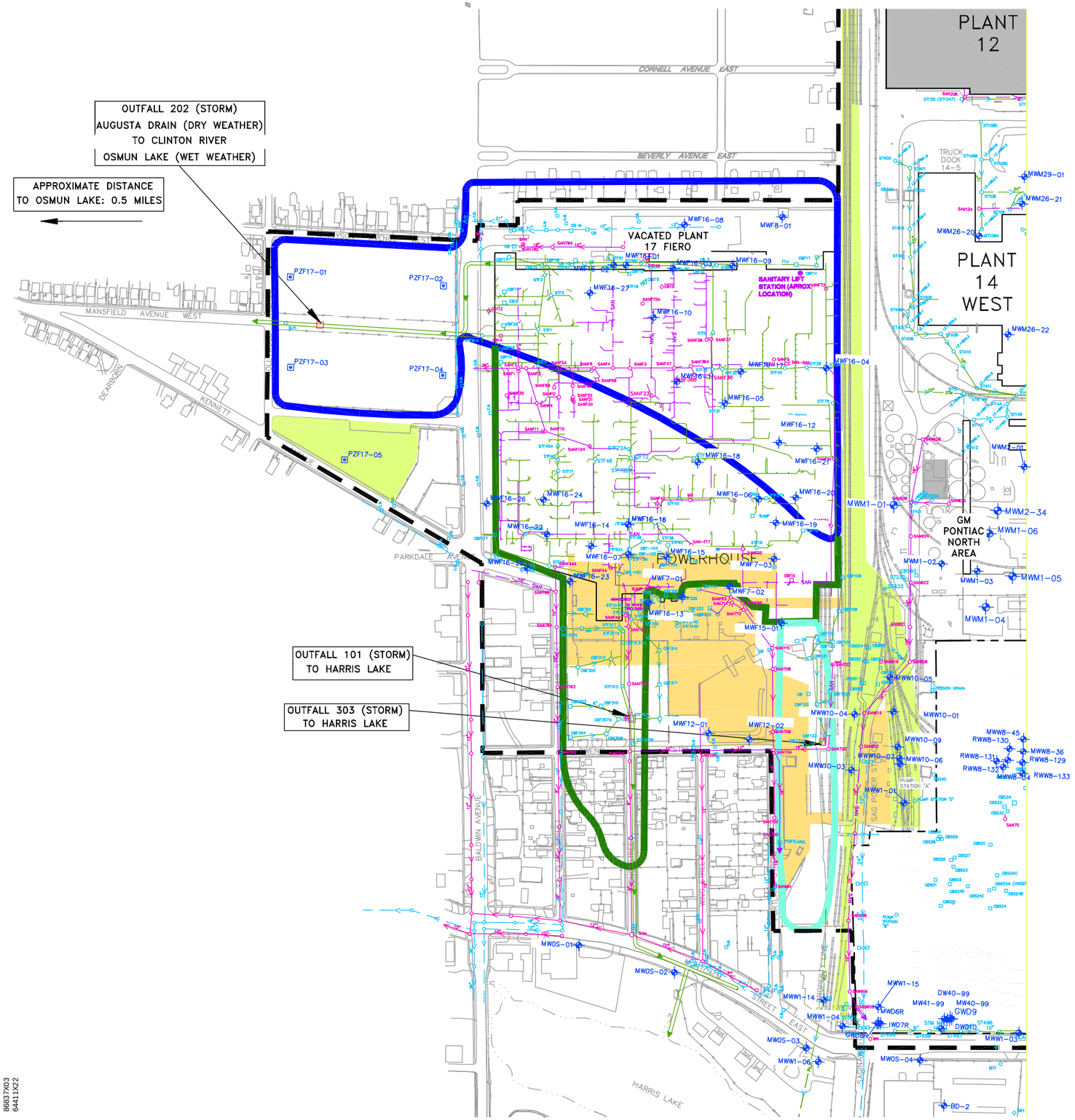
MOTORS LIQUIDATION COMPANY - FIERO PLANT, PONTIAC, MICHIGAN

SITE LOCATION MAP

ARCADIS

FIGURE 1

03/30/2010 SYRACUSE, NY-ENV/CAD-141, DJHOWES
B0064411/0001/00015/CDR/64411N01.CDR



LEGEND:

- FENCE LINE
- USPS PROPERTY BOUNDARY
- NOT SURVEYED STM — STORM SEWER – LOCATION NOT SURVEYED
- STM — SITE STORM SEWER – LOCATION BASED ON INFORMATION SUPPLIED BY GM
- STM — SITE STORM SEWER – LOCATION BASED ON ACTUAL FIELD VERIFICATION: CLEANED AND TELEVISED
- STM — SITE STORM SEWER – LOCATION BASED ON INFORMATION SUPPLIED BY GM: TELEVISED ONLY
- SAN — SANITARY SEWER – LOCATION BASED ON SURVEY DATA AND INFORMATION SUPPLIED BY GM
- OUTFALL 101 BASIN
- OUTFALL 202 BASIN
- OUTFALL 303 BASIN
- JUNCTION CHAMBER
- SLATED FOR DEMOLITION
- SIGNIFICANT GREEN SPACE
- APPROXIMATE AREA OF POWERHOUSE (3rd PARTY LEASE AGREEMENT PENDING)
- OUTFALL SAMPLING POINT
- BUILDING PERIMETER
- MONITORING WELL LOCATION

NOTES:

1. BASE MAP INFORMATION PROVIDED BY CONESTOGA–ROVERS & ASSOCIATES, FROM A FIGURE ENTITLED "STORM AND SANITARY SEWER BASE MAP", FILE NAME 17316-18(PRES001)GN-WA001, DATED 11/04/2004, AT A SCALE OF 1"=300'.
2. * = UNDER CITY OF PONTIAC.
3. ALL SURFACES (ASPHALT, CONCRETE, OR EXISTING STRUCTURES) OTHER THAN GREEN SPACE ARE CONSIDERED TO BE IMPERVIOUS.

0 200' 400'
GRAPHIC SCALE

MOTORS LIQUIDATION COMPANY
FIERO PLANT
900 BALDWIN AVENUE, PONTIAC, MICHIGAN
NPDES PERMIT APPLICATION

SITE DIAGRAM

ARCADIS

FIGURE 2

CITY:BRIGHTON DIV/GROUP:141 DB:ADF LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\BRIGHTON\ACT\B0064411\0001\0015\dwg\64411B01.dwg LAYOUT: 2SAVED: 3/24/2010 4:40 PM ACADVER: 17.1S (LMS TECH) PAGESETUP: ---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/30/2010 9:51 AM BY: FOX, AARON
XREFS: IMAGES: PROJECTNAME: ---
64411X20 64411N01.tif
86837X02
86837X03
64411X22

APPENDIX A

User Questionnaire

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Infrastructure, environment, buildings

Phase I Environmental Site Assessment Questionnaire

(User Provided Information Questionnaire)

Date: May 10, 2010
Site Name: Former Fiero Assembly Your Name: Robert W. Hare
Site Location: Pontiac, MI Your Title: Project Manager
Relationship to Site: ☐ Owner ☐ Occupant ☐ Purchaser ☒ Other

Length of Time Associated with Site: 5 Years

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

1. Do you have a title document prepared for the Site? ☐ Yes ☒ No

   If yes, please provide a copy to ARCADIS.

2. 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: _____

   _____

3. 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: See Corrective Action Documents _____

   _____

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781.356.2211 f
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Braintree, Massachusetts 02184
Offices Nationwide
www.ifr.com

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4. 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: Thorough history available in Corrective Action Current Conditions Report

5. 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 ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: See Corrective Action documents

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

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: See Corrective Action Documents

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

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: See Corrective Action Documents

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

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: See Corrective Action Documents

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Infrastructure, environment, buildings

e) Do you know if any fill material has been imported to the Site?

☐ Yes ☐ No ☒ Unknown ☐ N/A

If Yes, please explain: _____

_____

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

☒ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Site was the subject of a Supreme Court case related to impact of rain water coming into contact with copper gutters and flashing on the roof. _____

7. 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: _____

_____

8. 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: _____

_____

9. 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: See Corrective Action documents. _____

_____

ARCADIS
Infrastructure, environment, buildings

10. 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: _____

_____

11. Have any of the following documents been prepared for the Site and, if so, can copies be provided to ARCADIS:

- Environmental site assessment reports ☐ Yes ☐ No ☒ Copies available
- Environmental compliance audit reports ☐ Yes ☐ No ☒ Copies available
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits) ☐ Yes ☐ No ☒ Copies available
- Registrations for underground storage tanks (USTs) and/or above ground storage tanks (ASTs) ☐ Yes ☒ No ☐ Copies available
- Registrations for underground injection systems ☐ Yes ☒ No ☐ Copies available
- Material safety data sheets ☐ Yes ☒ No ☐ Copies available
- Community right-to-know plan ☐ Yes ☒ No ☐ Copies available
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc. ☐ Yes ☒ No ☐ Copies available
- Reports regarding hydrogeologic conditions on the Site or in the surrounding area
  ☒ Yes ☐ No ☐ Copies available
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Site or relating to environmental liens encumbering the Site ☐ Yes ☒ No ☐ Copies available
- Hazardous waste generator notices or reports ☐ Yes ☐ No ☒ Copies available
- Risk assessments ☐ Yes ☐ No ☒ Copies available
- Recorded Activity and Use Limitations (e.g. deed restriction, asphalt cap)
  ☐ Yes ☐ No ☒ Copies available

ARCADIS appreciates your assistance on this project.

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Offices Nationwide

APPENDIX B

Historical Research Documentation

Aerial Photographs

MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Inquiry Number: 2752984.5
April 26, 2010

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

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.

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with any questions or comments.

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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 April 26, 2010

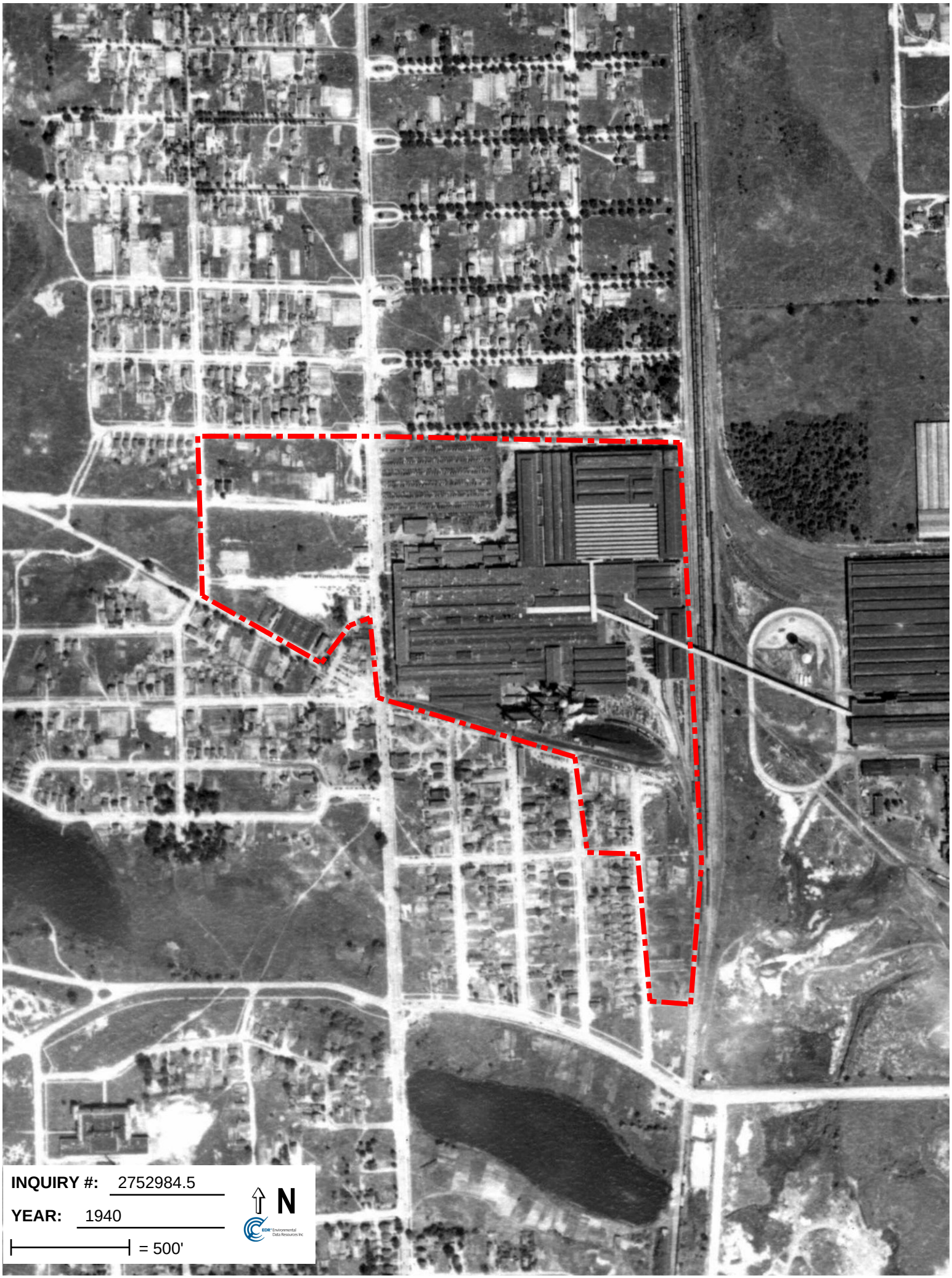
Target Property:

900 Baldwin Avenue

Pontiac, MI 48340

Year	***Scale***	***Details***	***Source***
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
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	ASCS
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980 Best Copy Available from original source	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 #: 2752984.5
YEAR: 1937
= 500'
N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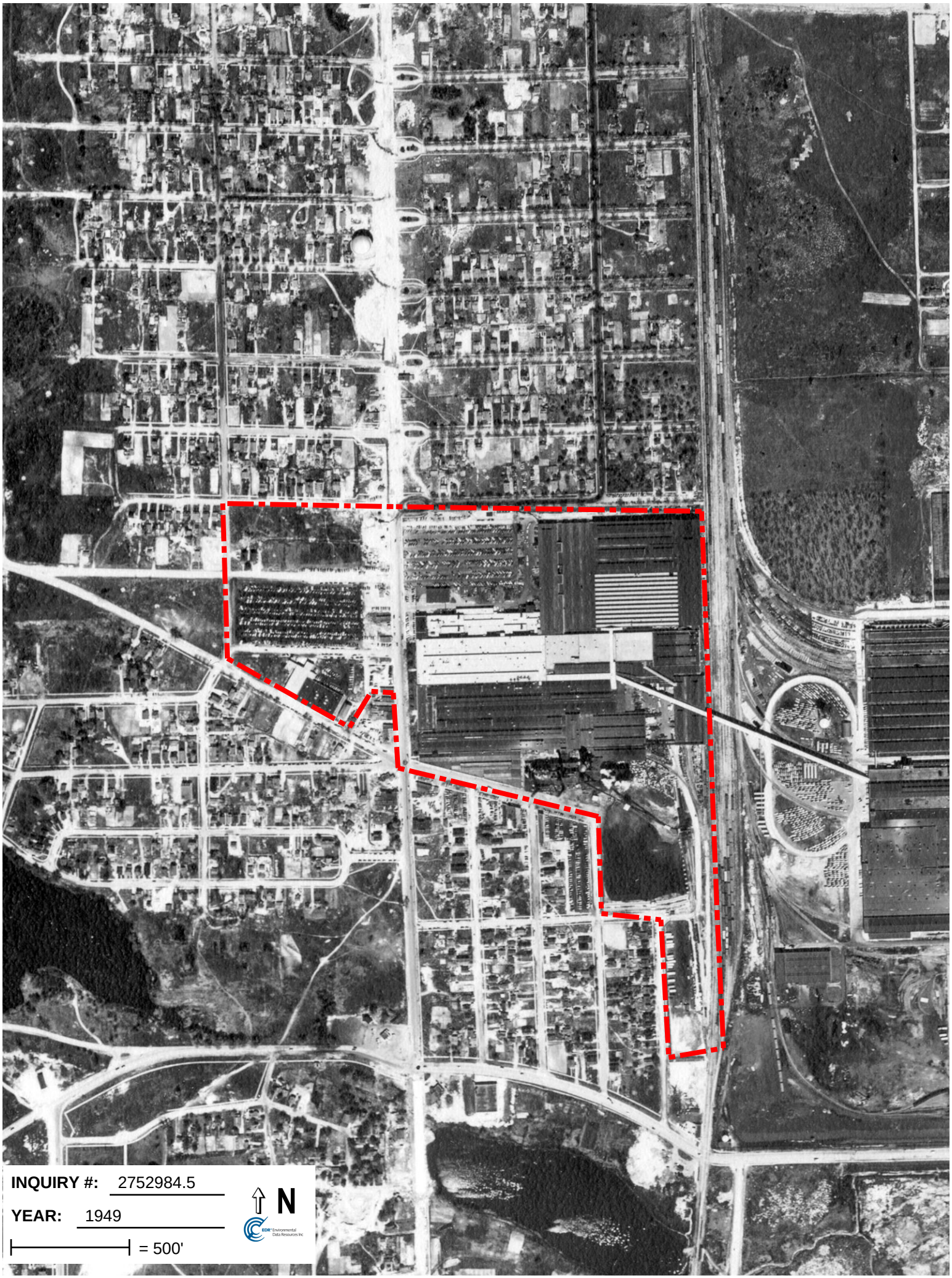
YEAR: 1940
= 500'
N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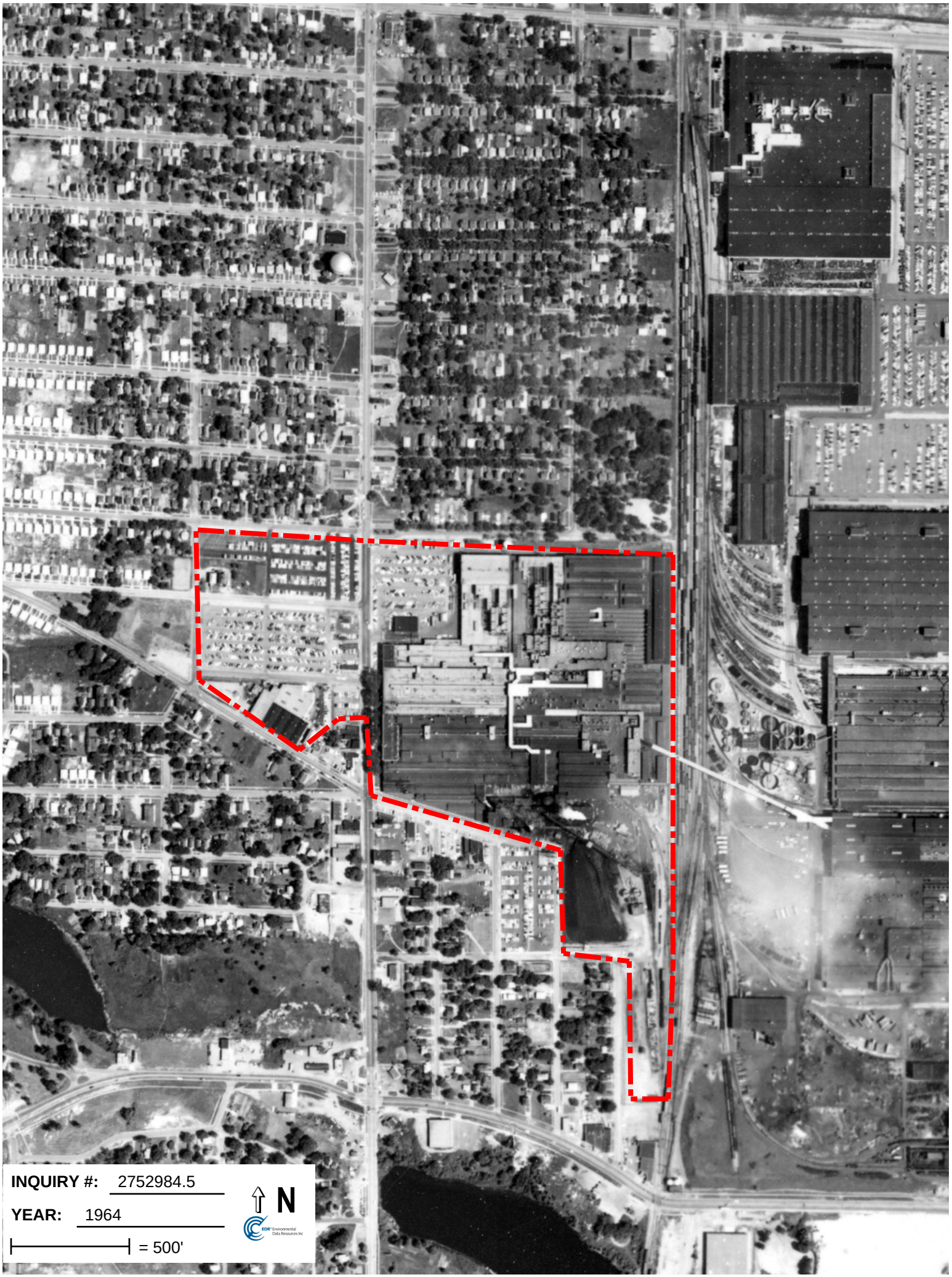
= 500'
N

INQUIRY #: 2752984.5
YEAR: 1957
= 500'
N
EDR Environmental Data Resources Inc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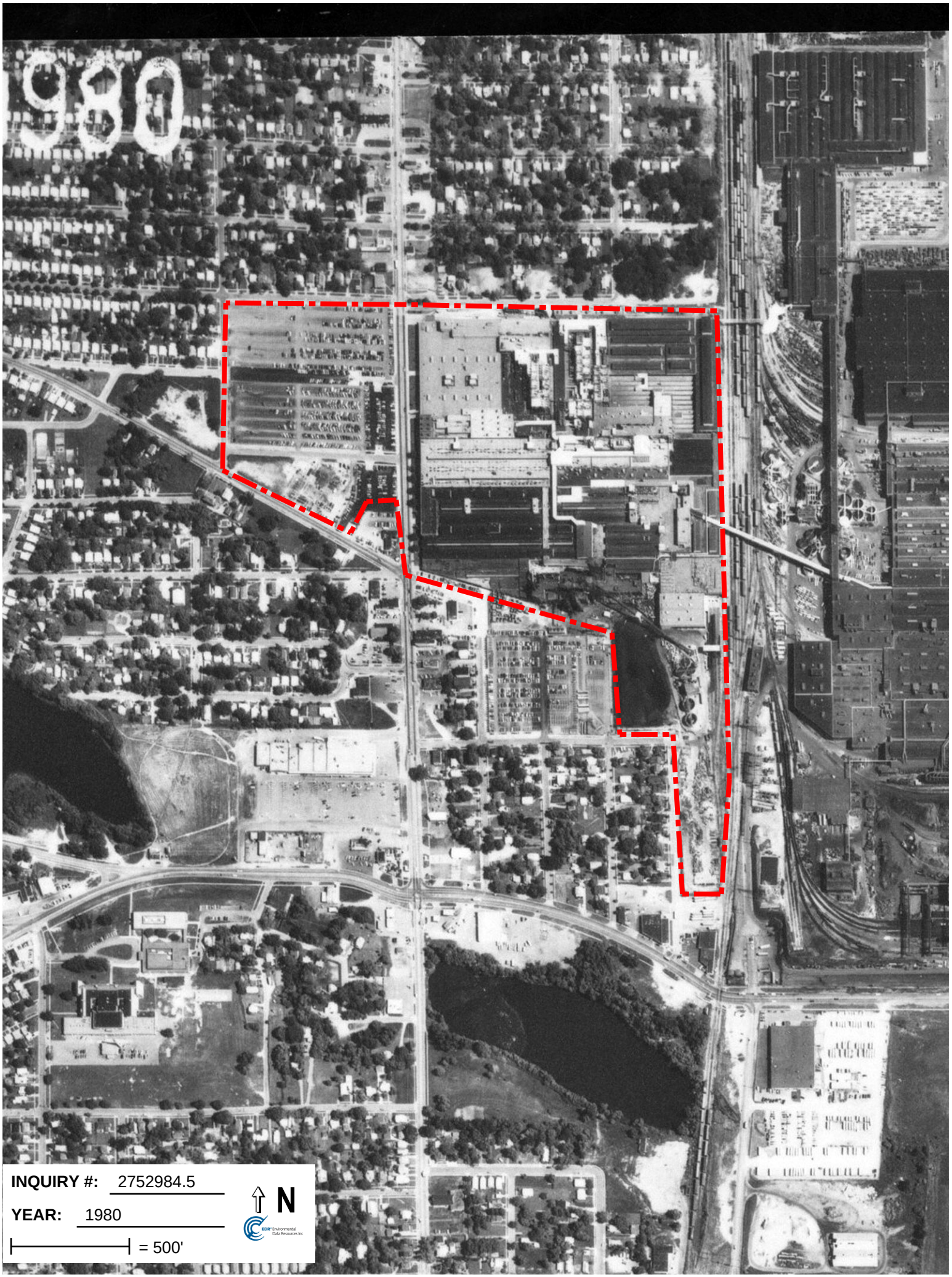
= 500'
N

INQUIRY #: 2752984.5
YEAR: 1972
= 600'
N


1980
INQUIRY #: 2752984.5
YEAR: 1980
= 500'
N

INQUIRY #: 2752984.5
YEAR: 1993
= 600'
N

INQUIRY #: 2752984.5
YEAR: 2000
= 500'
N

INQUIRY #: 2752984.5
YEAR: 2005
= 604'
N

Sanborn Maps

MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Inquiry Number: 2752984.3
April 22, 2010

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Certified Sanborn® Map Report

4/22/10

Site Name:
MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Client Name:
ARCADIS U.S., Inc.
28550 Cabot Drive
Novi, MI 48377

EDR Inquiry # 2752984.3

Contact: Moriah Bloom

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ARCADIS U.S., 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: MLC Fiero Plant
Address: 900 Baldwin Avenue
City, State, Zip: Pontiac, MI 48340
Cross Street:
P.O. # LFR Phase I for MLC Fiero Site
Project: NA
Certification # 5FDA-4155-B2E3

Maps Provided:

1970
1950
1924

Sanborn® Library search results
Certification # 5FDA-4155-B2E3

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

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

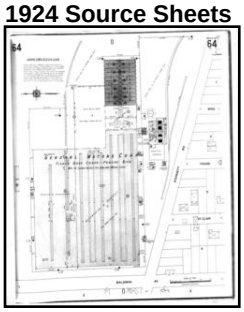
1970 Source Sheets

Volume 1, Sheet 64

1950 Source Sheets

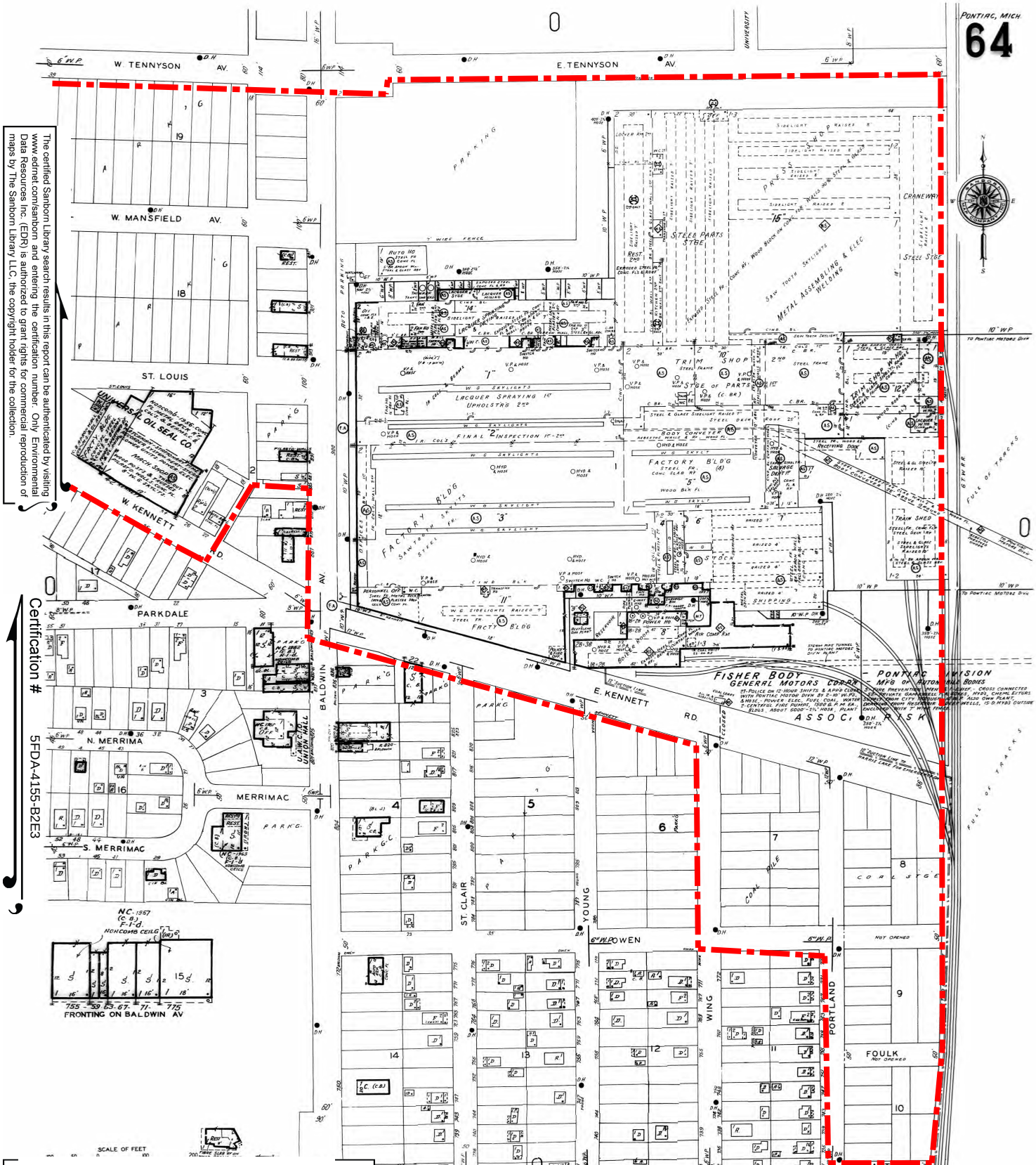
Volume 1, Sheet 64

1924 Source Sheets



Volume 1, Sheet 64

1970 Certified Sanborn Map



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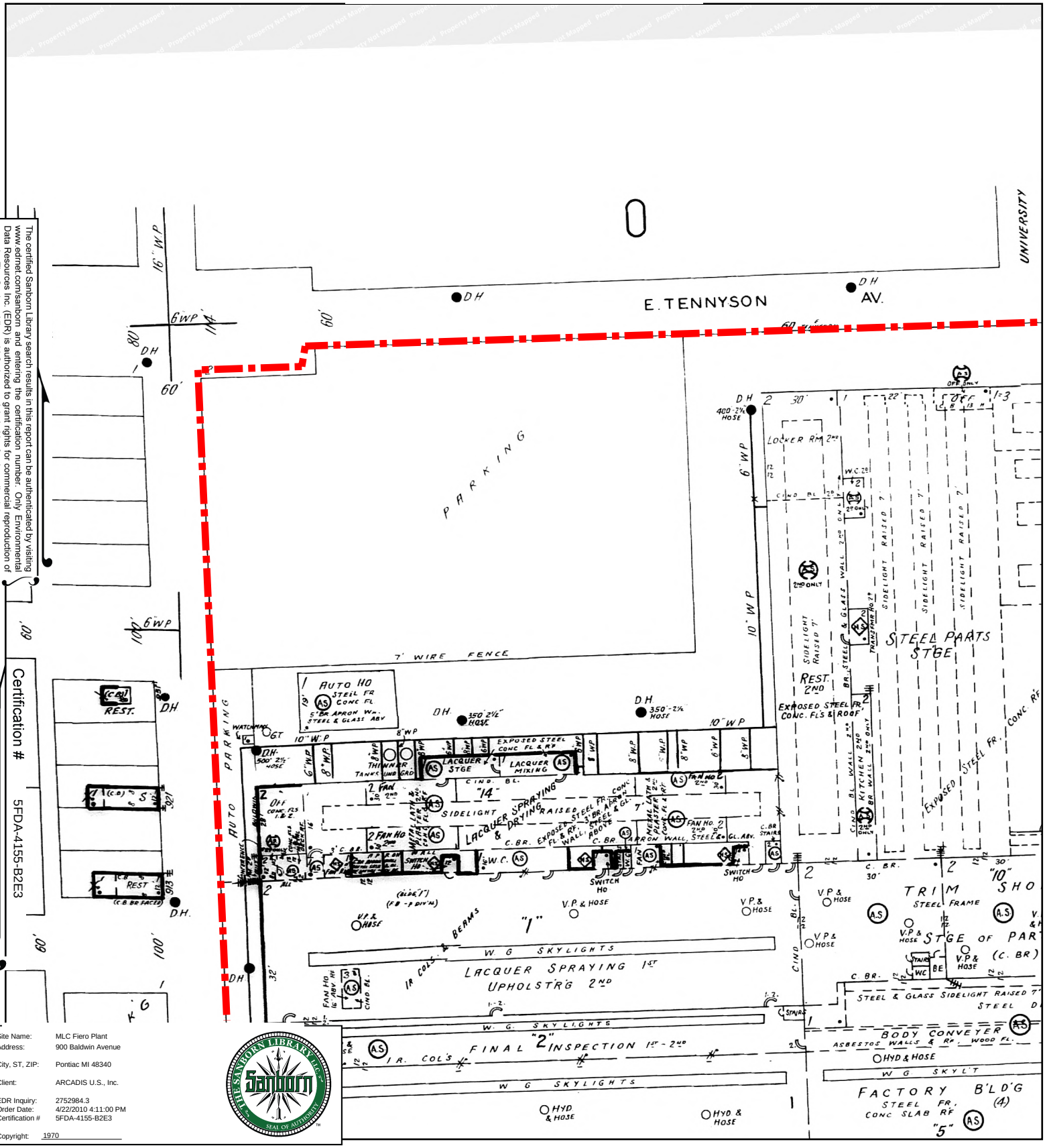
Certification # 5FDA-4155-B2E3

Site Name:	MLC Fiero Plant
Address:	900 Baldwin Avenue
City, ST, ZIP:	Pontiac MI 48340
Client:	ARCADIS U.S., Inc.
EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3

Copyright: 1970

1970 Certified Sanborn Map



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EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3
Copyright:	1970

THE SANBORN LIBRARY LLC Sanborn SEAL OF AUTHENTICITY

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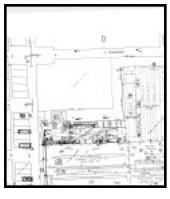
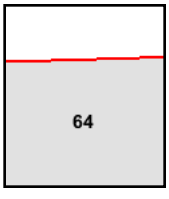
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

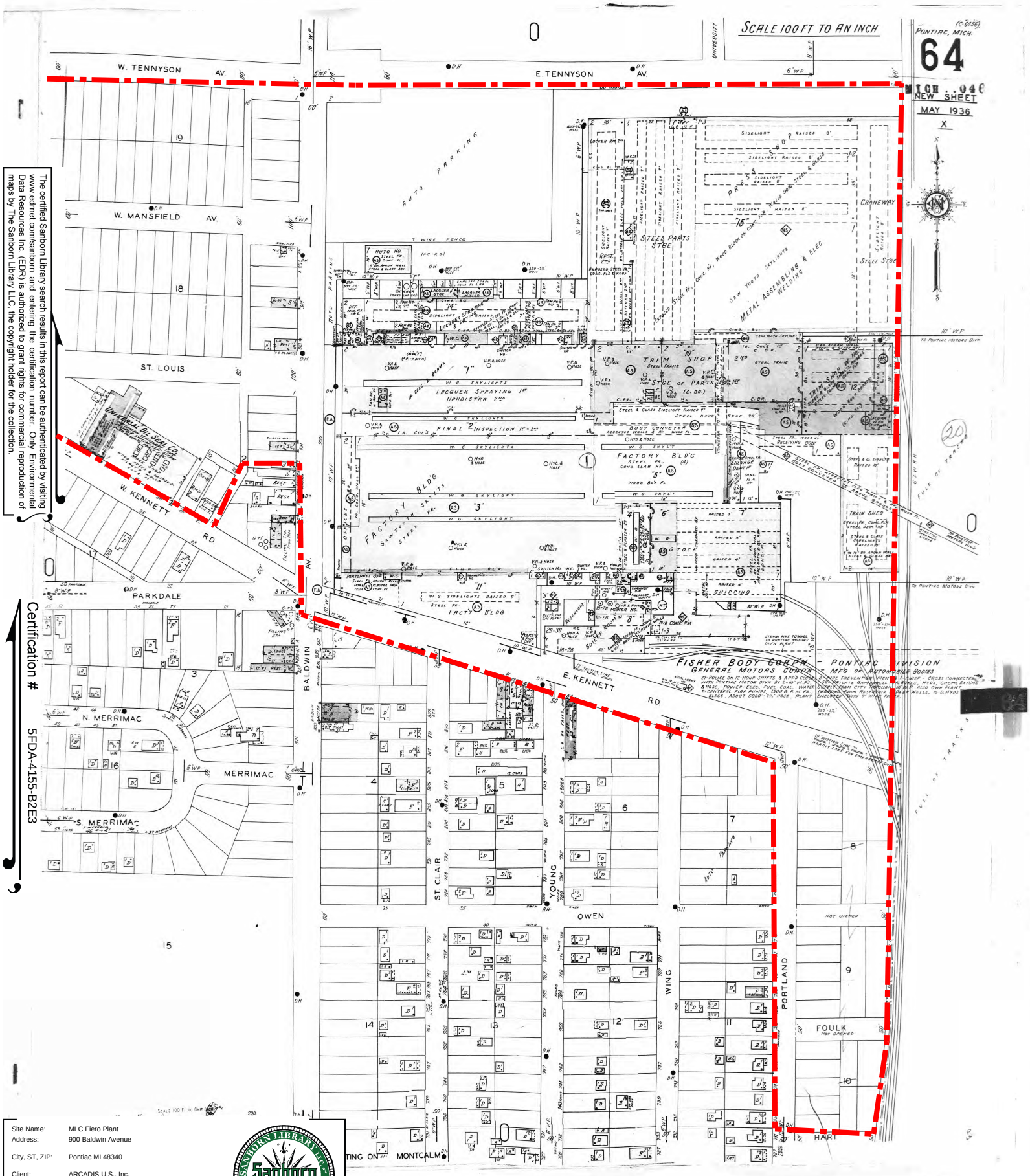




Volume 1, Sheet 64

N

1950 Certified Sanborn Map



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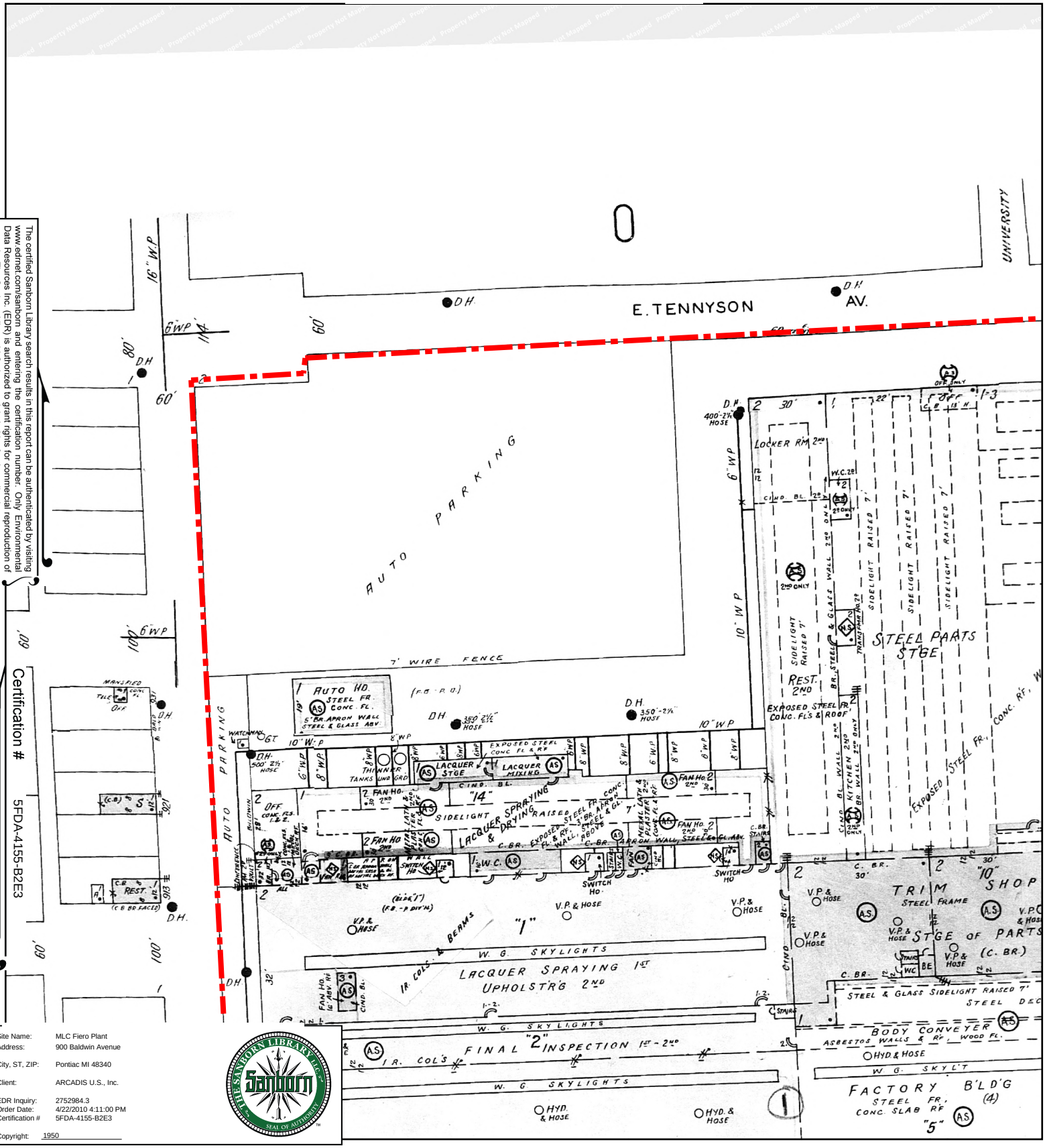
Certification # 5FDA-4155-B2E3

Site Name:	MLC Fiero Plant
Address:	900 Baldwin Avenue
City, ST, ZIP:	Pontiac MI 48340
Client:	ARCADIS U.S., Inc.
EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3
Copyright:	1950

THE SANBORN LIBRARY LLC Sanborn SEAL OF AUTHENTICITY

1950 Certified Sanborn Map



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Site Name:	MLC Fiero Plant
Address:	900 Baldwin Avenue
City, ST, ZIP:	Pontiac MI 48340
Client:	ARCADIS U.S., Inc.
EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3
Copyright:	1950

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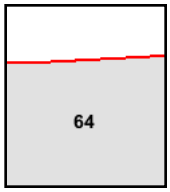
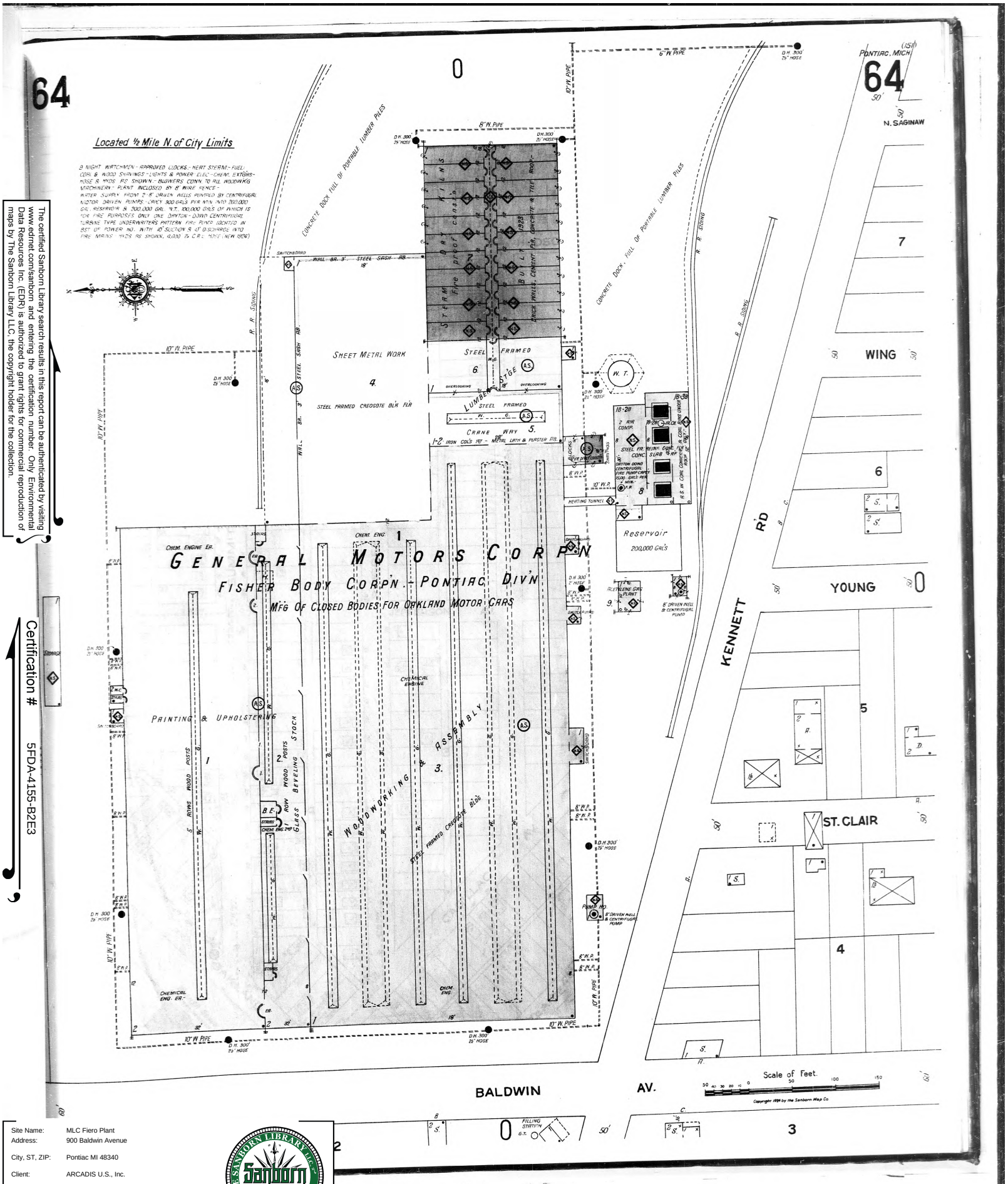


Volume 1, Sheet 64

1924 Certified Sanborn Map



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Certification # 5FDA-4155-B2E3

Site Name:	MLC Fiero Plant
Address:	900 Baldwin Avenue
City, ST, ZIP:	Pontiac MI 48340
Client:	ARCADIS U.S., Inc.
EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3
Copyright:	1924

1924 Certified Sanborn Map

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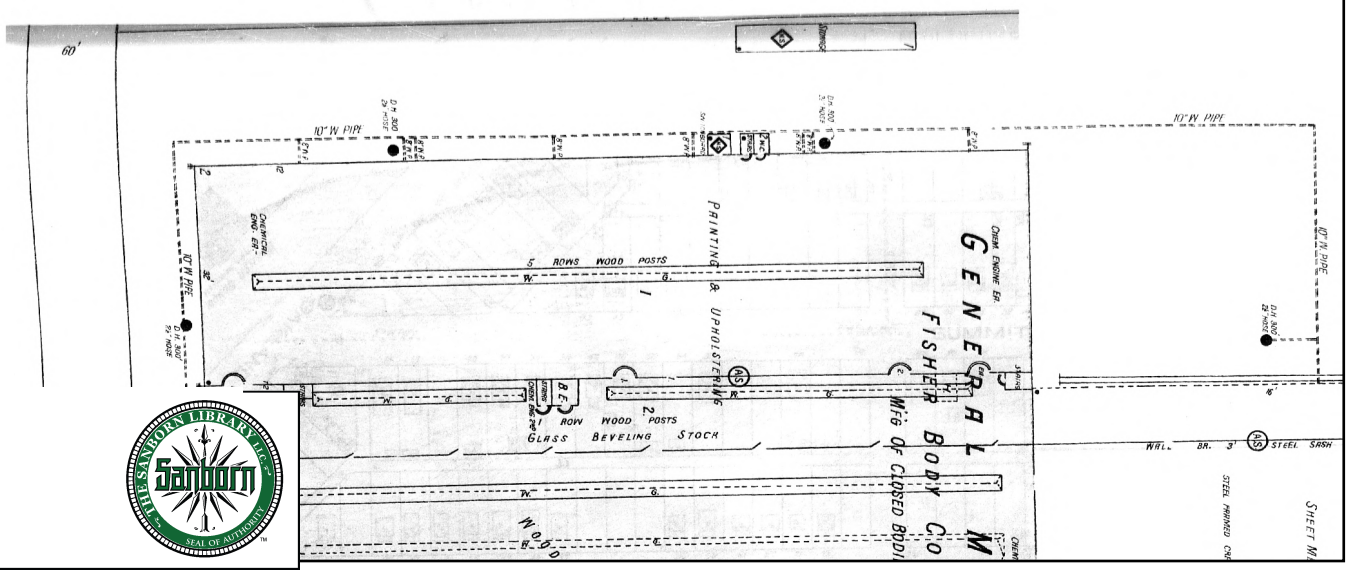
Certification # 5FDA-4155-B2E3



Site Name:	MLC Fiero Plant
Address:	900 Baldwin Avenue
City, ST, ZIP:	Pontiac MI 48340
Client:	ARCADIS U.S., Inc.
EDR Inquiry:	2752984.3
Order Date:	4/22/2010 4:11:00 PM
Certification #	5FDA-4155-B2E3
Copyright:	1924

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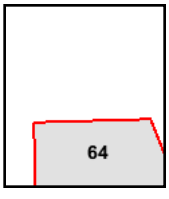
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 64

N

City Directory Abstract

MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Inquiry Number: 2752984.6
April 27, 2010

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

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.

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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.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2010	Bresser's Criss-Cross Directory	-	X	X	-
2006	Bresser's Criss-Cross Directory	-	X	X	-
2002	Bresser's Criss-Cross Directory	-	X	X	-
1998	Bresser's Criss-Cross Directory	-	X	X	-
1993	Bresser's Criss-Cross Directory	-	X	X	-
1988	Bresser's Criss-Cross Directory	X	X	X	-
1983	Bresser's Criss-Cross Directory	X	X	X	-
1978	Bresser's Criss-Cross Directory	X	X	X	-
1973	Bresser's Criss-Cross Directory	X	X	X	-
1962	Polk's City Directory	X	X	X	-
1957	Polk's City Directory	X	X	X	-
1952	Polk's City Directory	X	X	X	-
1945	Polk's City Directory	X	X	X	-
1939	Polk's City Directory	X	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

900 Baldwin Avenue
Pontiac, MI 48340

FINDINGS DETAIL

Target Property research detail.

Year	*Uses*	*Source*
1988	GFM-Prophet Co.	Bresser's Criss-Cross Directory
	Pyropower Corp.	Bresser's Criss-Cross Directory
1983	AB Myr. Sheet Mtl.	Bresser's Criss-Cross Directory
	Fisher Body Div.	Bresser's Criss-Cross Directory
	Flakt, Inc.	Bresser's Criss-Cross Directory
	GFM-Prophet Co.	Bresser's Criss-Cross Directory
	Hoyt Brumm & Link	Bresser's Criss-Cross Directory
	Industrial Mechanical, Inc.	Bresser's Criss-Cross Directory
	Pulte Construction Co.	Bresser's Criss-Cross Directory
	Sylvan Plumbing & Heating	Bresser's Criss-Cross Directory
	Walbridge & Associates	Bresser's Criss-Cross Directory
	Zack Co.	Bresser's Criss-Cross Directory
1978	Fisher Body Division	Bresser's Criss-Cross Directory
	GFM-Prophet Co.	Bresser's Criss-Cross Directory
	James Utley, Inc.	Bresser's Criss-Cross Directory
	United Auto Workers	Bresser's Criss-Cross Directory
1973	Fisher Body Division GMC	Bresser's Criss-Cross Directory
	GFM-Prophet Co.	Bresser's Criss-Cross Directory
	JE Green Plbg. & Htg.	Bresser's Criss-Cross Directory
1962	Fisher Body Division GMC (auto body mfrs.)	Polk's City Directory
1957	Fisher Body Division GMC (auto body mfrs.)	Polk's City Directory
1952	Fisher Body Division GMC (auto body mfrs.)	Polk's City Directory
1945	Fisher Body Pontiac Div. (auto body mfrs.)	Polk's City Directory
1939	Fisher Body (auto body mfrs.)	Polk's City Directory

FINDINGS

ADJOINING PROPERTY DETAIL

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

Baldwin Avenue

Baldwin Avenue

Year	*Uses*	*Source*
2010	-No Other Addresses Listed Between W. Kennett Rd. & St. Louis Ave.	Bresser's Criss-Cross Directory
	-No Other Addresses Listed Between W. Tennyson Ave. & E. Beverly Ave.	Bresser's Criss-Cross Directory
2006	-No Other Addresses Listed Between W. Kennett Rd. & St. Louis Ave.	Bresser's Criss-Cross Directory
2002	-No Other Addresses Listed Between W. Kennett Rd. & St. Louis Ave.	Bresser's Criss-Cross Directory
1998	-No Other Addresses Listed Between W. Kennett Rd. & St. Louis Ave.	Bresser's Criss-Cross Directory
1927	-No Other Addresses Listed Beyond 300 Block Baldwin Avenue	Polk's City Directory
1922	-All Addresses Beyond 381 Baldwin Avenue are Unnumbered	Polk's City Directory

867 Baldwin Avenue

Year	*Uses*	*Source*
2010	Residential	Bresser's Criss-Cross Directory
1962	Gave's Grill (stge.)	Polk's City Directory
1957	Graham's Pure Oil	Polk's City Directory
1952	Graham & Cain (filling station)	Polk's City Directory
1931	Harry Daimler (filling station)	Polk's City Directory

875 Baldwin Avenue

Year	*Uses*	*Source*
2010	Ventura Lounge	Bresser's Criss-Cross Directory
2006	Ventura Lounge	Bresser's Criss-Cross Directory
2002	Ventura Lounge	Bresser's Criss-Cross Directory
1998	Ventura Lounge	Bresser's Criss-Cross Directory
1988	Ventura Lounge	Bresser's Criss-Cross Directory
1983	No Return	Bresser's Criss-Cross Directory
1978	No Return	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Gave's Grill (restr.)	Polk's City Directory

FINDINGS

Year	Uses	Source
1957	Gave's Grill (restr.)	Polk's City Directory
1952	Belmont (restr.)	Polk's City Directory
1945	Belmont (restr.)	Polk's City Directory
1939	Pullman Lunch	Polk's City Directory
1931	Yeramian & Kambourian (restr.)	Polk's City Directory

879 Baldwin Avenue

Year	Uses	Source
1962	Baldwin Bar (tavern)	Polk's City Directory
1957	Baldwin Restaurant	Polk's City Directory
1952	Baldwin Restaurant	Polk's City Directory
1945	Baldwin Restaurant	Polk's City Directory
1939	Baldwin Lunch	Polk's City Directory
1931	Baldwin Lunch	Polk's City Directory

879 1/2 Baldwin Avenue

Year	Uses	Source
1962	Vacant	Polk's City Directory
1957	Vacant	Polk's City Directory
1952	Residential	Polk's City Directory

883 Baldwin Avenue

Year	Uses	Source
1962	Vacant	Polk's City Directory
1957	D & E Tavern	Polk's City Directory
1952	American Restaurant	Polk's City Directory
1945	American Restaurant	Polk's City Directory
1939	American Restaurant	Polk's City Directory
1931	Vacant	Polk's City Directory

883 1/2 Baldwin Avenue

Year	Uses	Source
1962	Vacant	Polk's City Directory
1957	Vacant	Polk's City Directory
1952	Residential	Polk's City Directory

885 Baldwin Avenue

Year	Uses	Source
1993	No Return	Bresser's Criss-Cross Directory
1988	No Return	Bresser's Criss-Cross Directory

FINDINGS

Year	Uses	Source
1983	No Return	Bresser's Criss-Cross Directory
1978	No Return	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Pullman's Recreation Billiards	Polk's City Directory
1957	D & E Tavern	Polk's City Directory
1952	George Hampton (barber)	Polk's City Directory
1945	Isaac Brown (barber)	Polk's City Directory
	Pullman Recreation	Polk's City Directory
1939	Michael Criss (barber)	Polk's City Directory
	Pullman Pool Room	Polk's City Directory
1931	Pullman Lunch	Polk's City Directory

887 Baldwin Avenue

Year	Uses	Source
1957	Pullman Recreation (billiards)	Polk's City Directory
1952	Pullman Recreation (billiards)	Polk's City Directory
1931	Gus Perazzo (billiards)	Polk's City Directory

891 Baldwin Avenue

Year	Uses	Source
1962	Dona's Restaurant	Polk's City Directory
1957	Dona's Restaurant	Polk's City Directory
1952	Vacant	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	Oakland Dairy	Polk's City Directory
1931	International Grocery & Meat Market	Polk's City Directory

913 Baldwin Avenue

Year	Uses	Source
1993	No Return	Bresser's Criss-Cross Directory
1988	No Return	Bresser's Criss-Cross Directory
1983	No Return	Bresser's Criss-Cross Directory
1978	No Return	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory
1962	Henry's Bar (tavern)	Polk's City Directory
1957	John's Bar	Polk's City Directory
1952	John's Bar (tavern)	Polk's City Directory
1945	John Ponushis (restr.)	Polk's City Directory
1939	John Ponushis (restr.)	Polk's City Directory

FINDINGS

Year	Uses	Source
1931	Criss Bros. (restr.)	Polk's City Directory

915 Baldwin Avenue

Year	Uses	Source
1993	No Return	Bresser's Criss-Cross Directory

921 Baldwin Avenue

Year	Uses	Source
1962	Sani-Klean Dry Cleaners	Polk's City Directory
1957	No Return	Polk's City Directory
1952	Greene's Veteran Cleaners Clo.	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	John Karamanis (billiards)	Polk's City Directory
1931	Louis Howell (barber & malt)	Polk's City Directory
	Paddy's Sign Shop	Polk's City Directory

931 Baldwin Avenue

Year	Uses	Source
1973	Katcha's Dairy Trt.	Bresser's Criss-Cross Directory
1962	Baldwin Lunch (restr.)	Polk's City Directory
1957	Shamrock Milk Depot	Polk's City Directory
1952	Shamrock Creamery	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	Vacant	Polk's City Directory

940 Baldwin Avenue

Year	Uses	Source
1945	Residential	Polk's City Directory

956 Baldwin Avenue

Year	Uses	Source
1993	No Return	Bresser's Criss-Cross Directory
1988	No Return	Bresser's Criss-Cross Directory
1983	No Return	Bresser's Criss-Cross Directory
1978	No Return	Bresser's Criss-Cross Directory
1973	No Return	Bresser's Criss-Cross Directory

975 Baldwin Avenue

Year	Uses	Source
2010	Charlie's Roost	Bresser's Criss-Cross Directory

FINDINGS

Year	Uses	Source
2006	Charlie's Roost	Bresser's Criss-Cross Directory
2002	Charlie's Roost	Bresser's Criss-Cross Directory
1998	Charlie's Roost	Bresser's Criss-Cross Directory
1988	Chief Pontiac Fed.	Bresser's Criss-Cross Directory
1983	Body Crafter Fed. Cr.	Bresser's Criss-Cross Directory
1978	Body Crafter Fed. Cr.	Bresser's Criss-Cross Directory
1973	Body Crafters Union	Bresser's Criss-Cross Directory
1962	Spotlite Building Co. (contrs.)	Polk's City Directory
1957	Ridgeway Real Estate	Polk's City Directory
1952	Harold Blackwood (real estate & ins.)	Polk's City Directory
1945	Harold Blackwood (real estate & ins.)	Polk's City Directory
1939	Harold Blackwood (real estate & ins.)	Polk's City Directory

981 Baldwin Avenue

Year	Uses	Source
1983	Ultrapak, Inc.	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	Whittemore Garage (auto repair)	Polk's City Directory
1952	Vacant	Polk's City Directory

988 Baldwin Avenue

Year	Uses	Source
2010	Northgate Auto	Bresser's Criss-Cross Directory
2006	No Return	Bresser's Criss-Cross Directory
2002	Northgage Auto	Bresser's Criss-Cross Directory
1998	Northgage Auto	Bresser's Criss-Cross Directory
1993	Northgage Auto	Bresser's Criss-Cross Directory
1988	Auto Workers Ins.	Bresser's Criss-Cross Directory
	Diamond Ins. Agency	Bresser's Criss-Cross Directory
1983	Auto Workers Ins.	Bresser's Criss-Cross Directory
1978	Auto Workers Ins.	Bresser's Criss-Cross Directory
1973	Farmers Insurance Group	Bresser's Criss-Cross Directory

989 Baldwin Avenue

Year	Uses	Source
2006	Residential	Bresser's Criss-Cross Directory

es Baldwin Avenue

Year	Uses	Source
1931	Fisher Body (auto body mfrs.)	Polk's City Directory

FINDINGS

Year	Uses	Source
1927	Fisher Body Corp. (auto bodies)	Polk's City Directory

St. Louis Ave.

St. Louis Ave.

Year	Uses	Source
2010	-No Intersecting Addresses Determined	Bresser's Criss-Cross Directory
2006	-No Intersecting Addresses Determined	Bresser's Criss-Cross Directory
2002	-No Intersecting Addresses Determined	Bresser's Criss-Cross Directory
1962	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1957	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1952	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1945	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1939	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1931	-No Addresses Listed on St. Louis Ave.	Polk's City Directory
1927	-No Addresses Listed on St. Louis Ave.	Polk's City Directory

W. Tennyson Ave.

24 W. Tennyson Ave.

Year	Uses	Source
2010	Solutions to Recovery	Bresser's Criss-Cross Directory
2006	Residential	Bresser's Criss-Cross Directory
2002	Residential	Bresser's Criss-Cross Directory
1993	No Return	Bresser's Criss-Cross Directory
1988	No Return	Bresser's Criss-Cross Directory
1983	No Return	Bresser's Criss-Cross Directory
1978	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

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	Street Not Listed in Research Source
St. Louis Ave.	1998, 1993, 1988, 1983, 1978, 1973, 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	Address Not Listed in Research Source
900 Baldwin Avenue	2010, 2006, 2002, 1998, 1993, 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	Address Not Listed in Research Source
Baldwin Avenue	No Years Found
St. Louis Ave.	No Years Found
24 W. Tennyson Ave.	1998, 1927, 1922
867 Baldwin Avenue	2006, 2002, 1998, 1993, 1988, 1983, 1978, 1973, 1945, 1939, 1927, 1922
875 Baldwin Avenue	1993, 1927, 1922
879 1/2 Baldwin Avenue	1945, 1939, 1931, 1927, 1922
879 Baldwin Avenue	1927, 1922
883 1/2 Baldwin Avenue	1945, 1939, 1931, 1927, 1922
883 Baldwin Avenue	1927, 1922
885 Baldwin Avenue	1927, 1922
887 Baldwin Avenue	1945, 1939, 1927, 1922
891 Baldwin Avenue	1927, 1922
913 Baldwin Avenue	1927, 1922
915 Baldwin Avenue	1988, 1983, 1978, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
921 Baldwin Avenue	1927, 1922
931 Baldwin Avenue	1931, 1927, 1922

FINDINGS

Address Researched	Address Not Listed in Research Source
940 Baldwin Avenue	1939, 1931, 1927, 1922
956 Baldwin Avenue	1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
975 Baldwin Avenue	1993, 1931, 1927, 1922
981 Baldwin Avenue	1978, 1973, 1945, 1939, 1931, 1927, 1922
988 Baldwin Avenue	1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
989 Baldwin Avenue	2002, 1998, 1993, 1988, 1983, 1978, 1973, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
es Baldwin Avenue	1922

Topographic Maps

MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Inquiry Number: 2752984.4
April 22, 2010

The EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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

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
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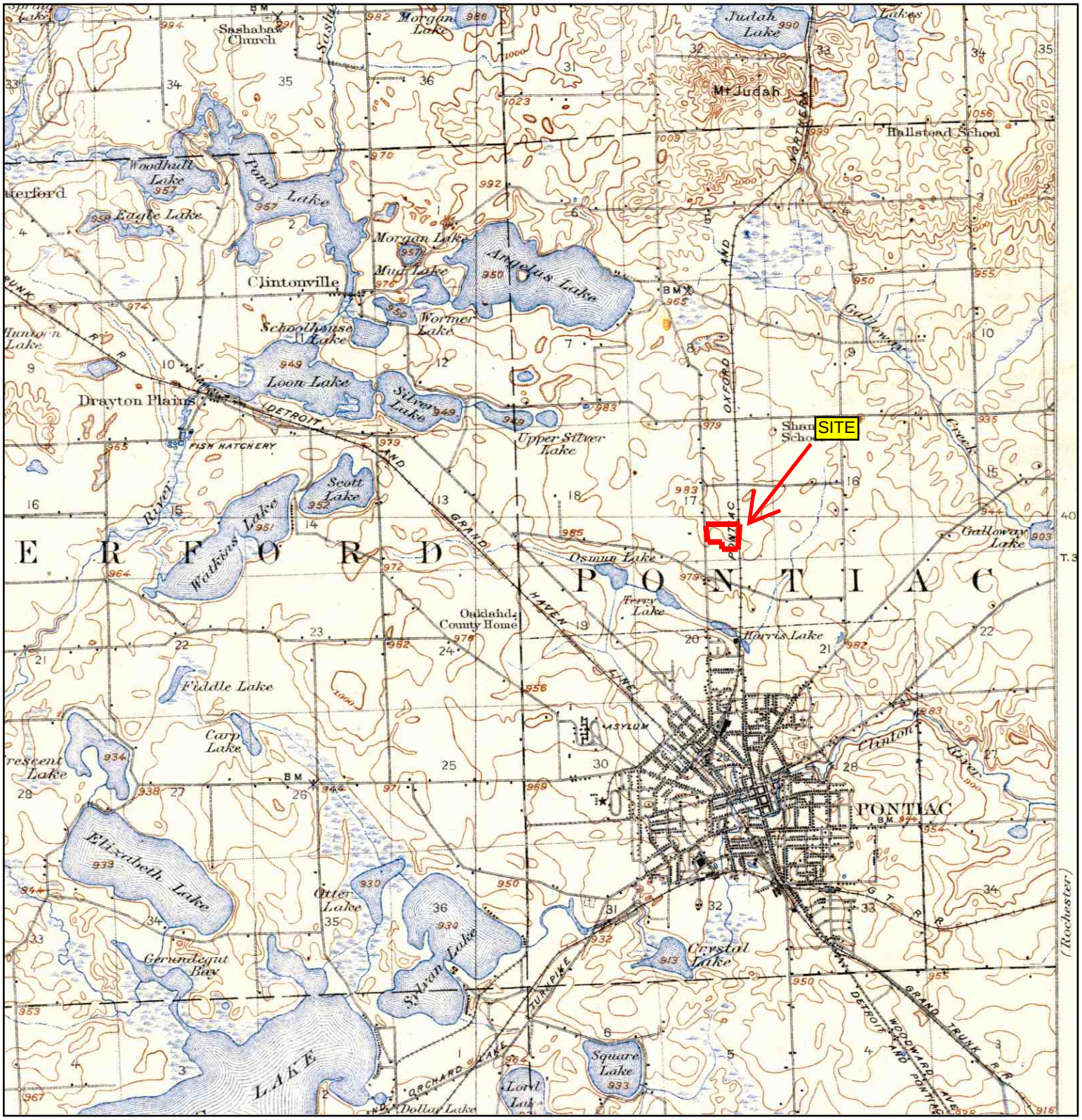
Historical Topographic Map

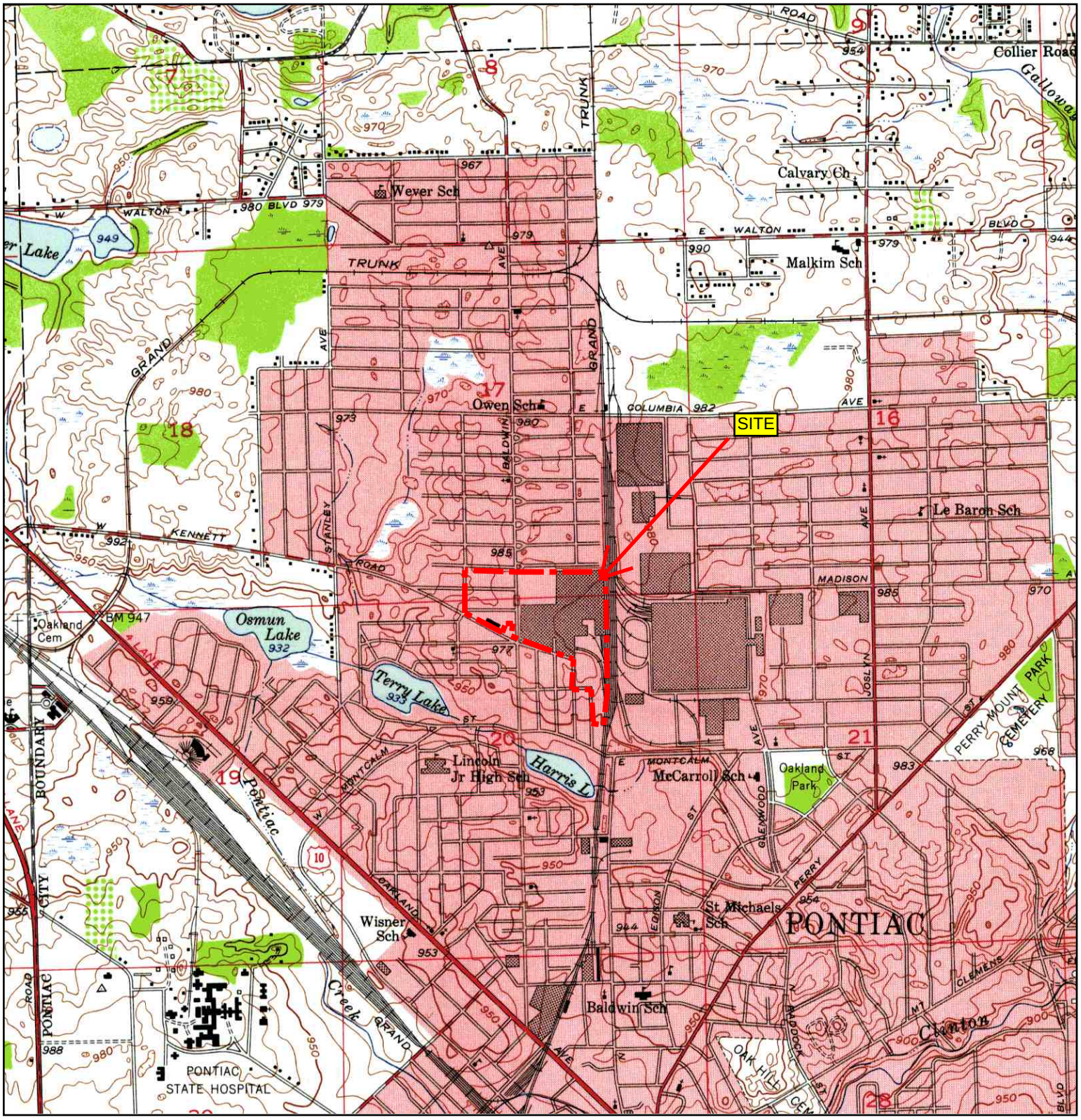


N	TARGET QUAD NAME: PONTIAC MAP YEAR: 1907 SERIES: 15 SCALE: 1:62500	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map

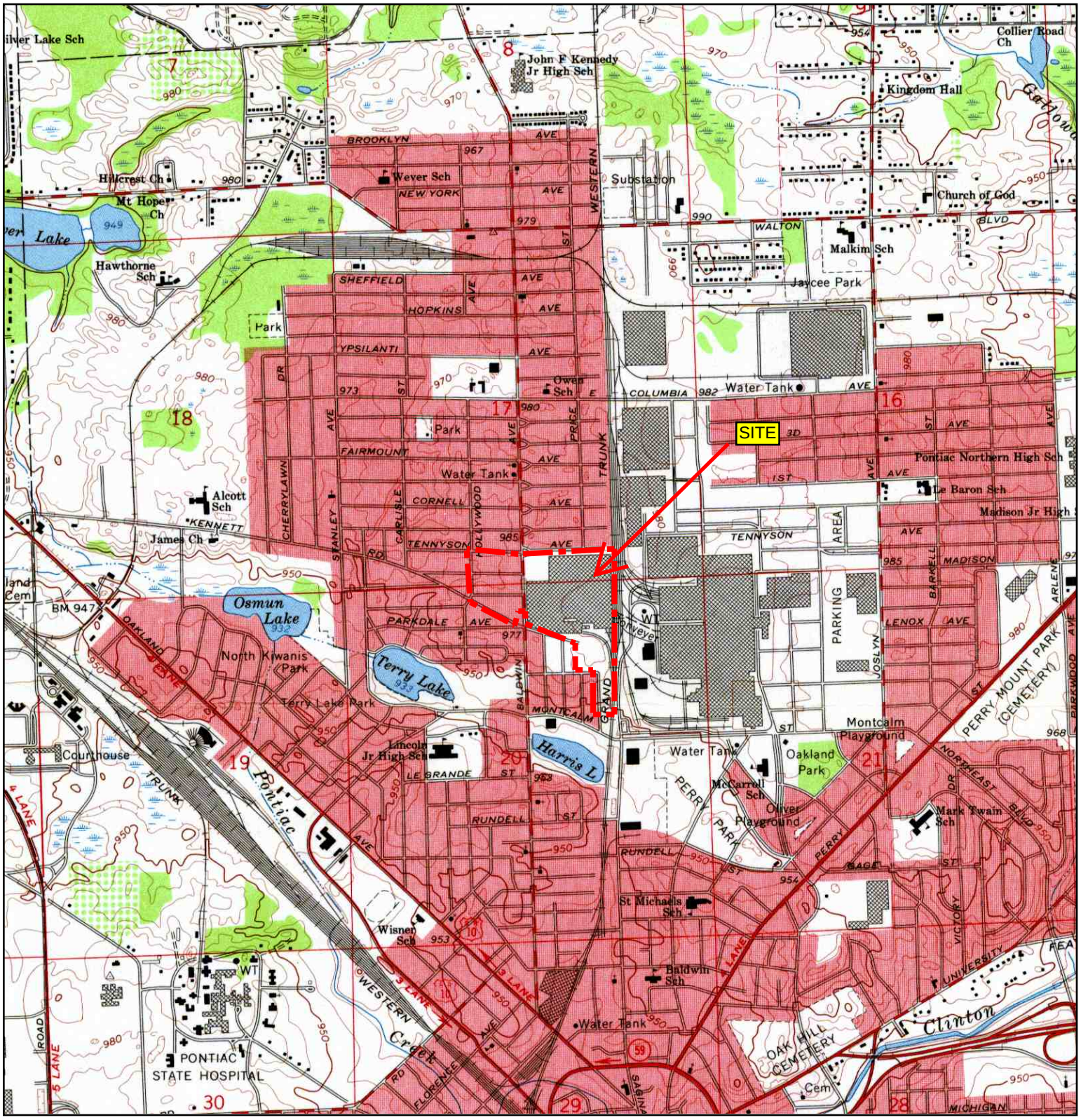
N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1943 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map



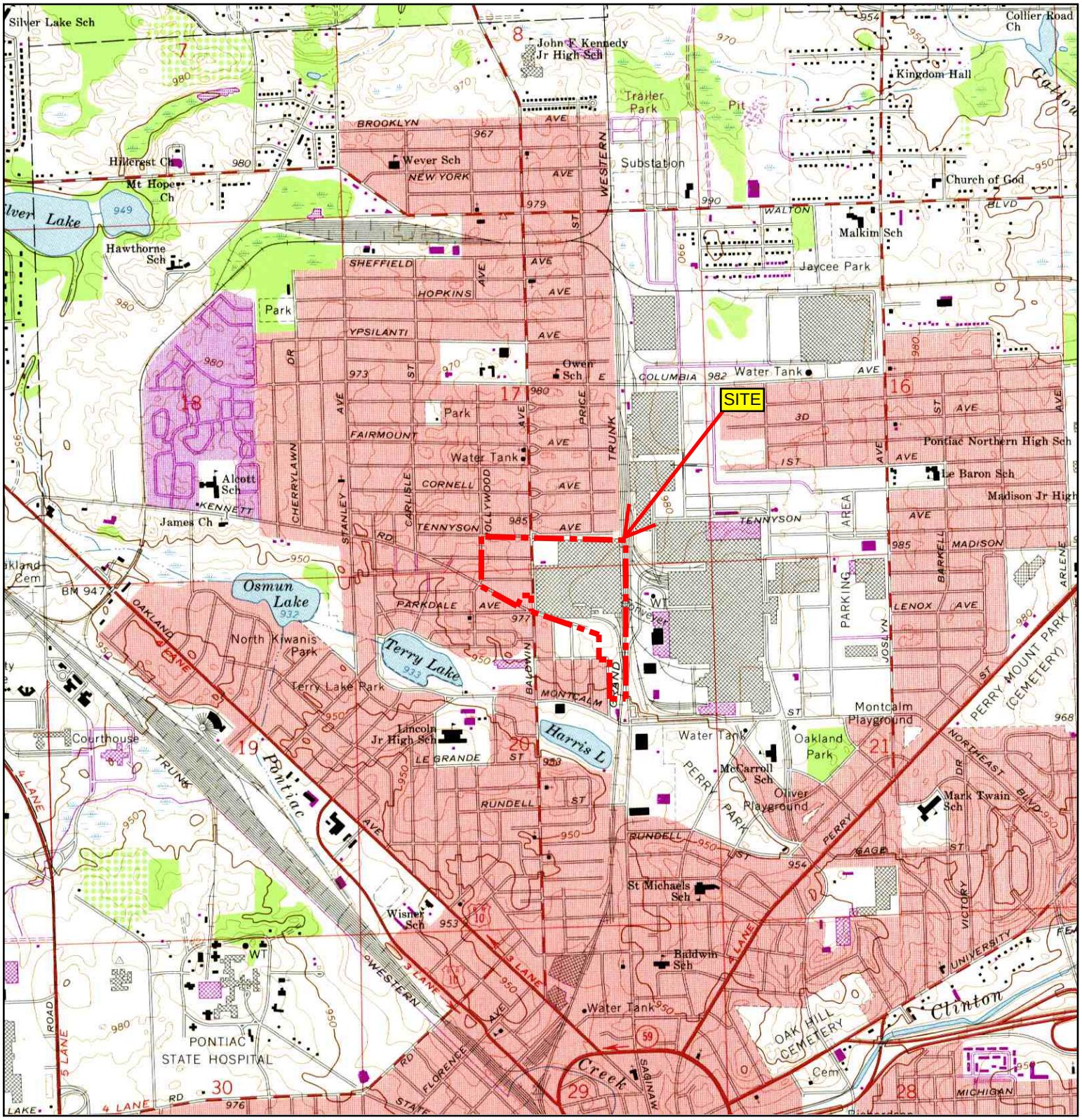
N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map



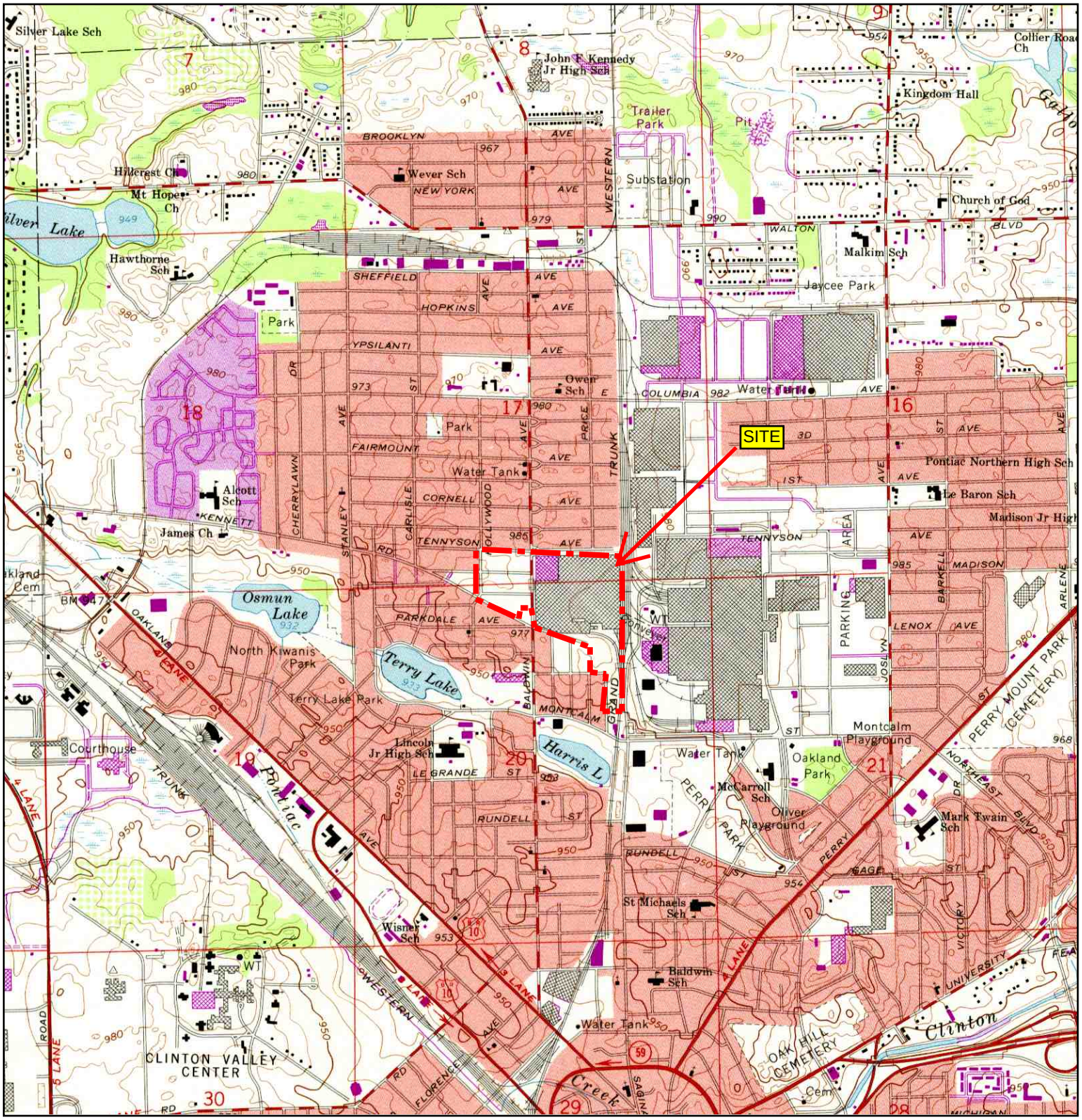
N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map



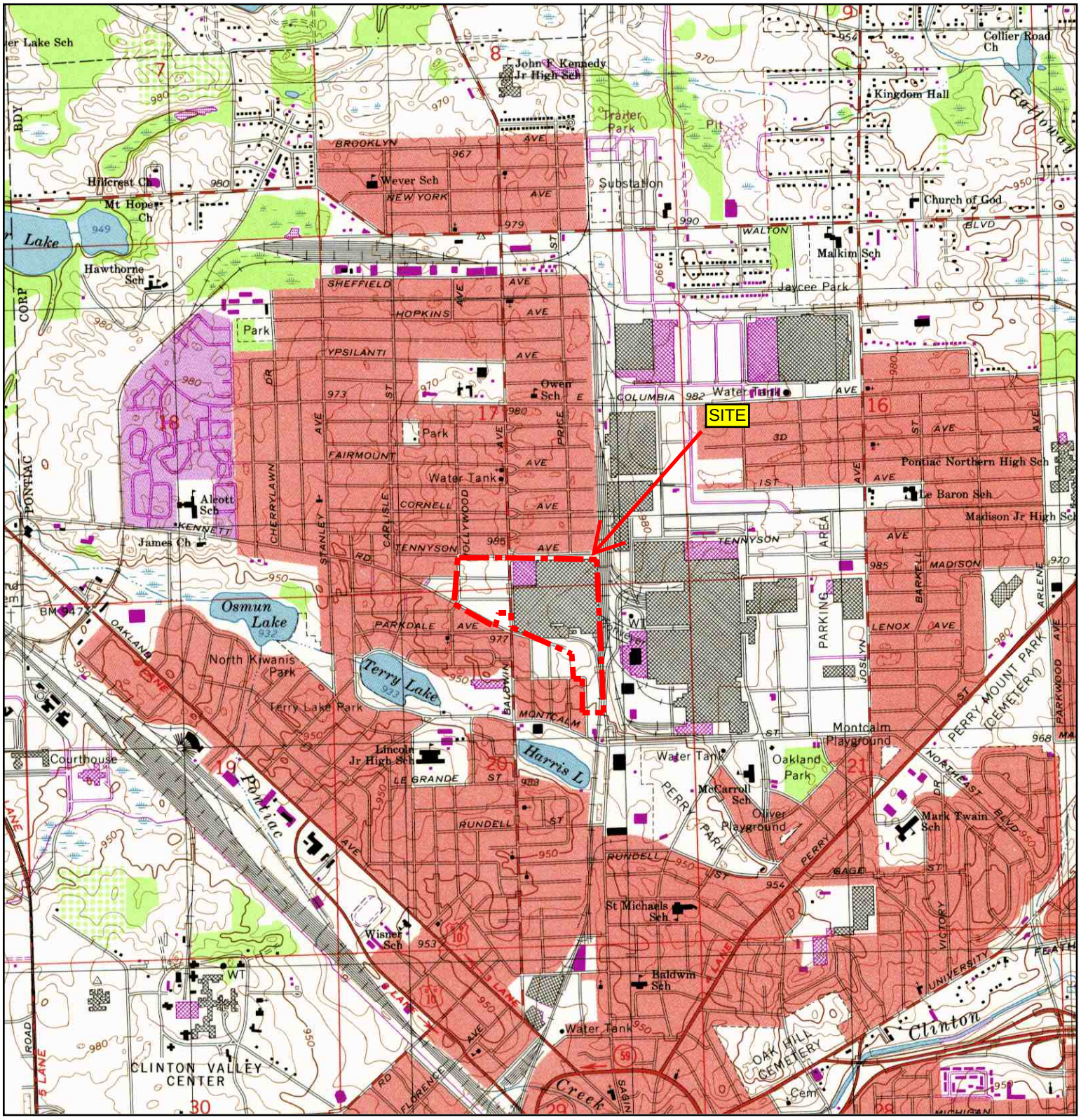
N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1973 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map



N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1983 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

Historical Topographic Map



N	TARGET QUAD NAME: PONTIAC NORTH MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:24000	SITE NAME: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac, MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY#: 2752984.4 RESEARCH DATE: 04/22/2010

APPENDIX C

EDR Radius Map Report

MLC Fiero Plant
900 Baldwin Avenue
Pontiac, MI 48340

Inquiry Number: 2752984.2s
April 22, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

900 BALDWIN AVENUE
PONTIAC, MI 48340

COORDINATES

Latitude (North):	42.663200 - 42° 39' 47.5''
Longitude (West):	83.298700 - 83° 17' 55.3''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	311607.2
UTM Y (Meters):	4725762.0
Elevation:	977 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property 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 COMPANY 900 BALDWIN AVE PONTIAC, MI 48340	RCRA-SQG	MIK614342962
GMC CPC-PONTIAC FIERO ASSEMBLY 900 BALDWIN AVE PONTIAC, MI 48055	RCRA-TSDF CERC-NFRAP CORRACTS RCRA-LQG FINDS MANIFEST FINANCIAL ASSURANCE	MID005356910
BMC-CPC-PONTIAC FIERO PLANT 900 BALDWIN PONTIAC, MI 48058	UST	N/A

EXECUTIVE SUMMARY

PPG INDUSTRIES INC
900-B BALDWIN AVE
PONTIAC, MI 48340

RCRA-NonGen
FINDS

MID981961816

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 FACILITY ---------- Federal Facility Site Information listing

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ---------- Contaminated Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Facilities Database

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ---------- Aboveground Tanks

INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL ---- Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
HIST LF ---- Inactive Solid Waste Facilities
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---- Clandestine Drug Labs
DEL SHWS ---- Delisted List of Contaminated Sites
CDL ---- Clandestine Drug Lab Listing
US HIST CDL ---- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---- CERCLA Lien Information
LUCIS ---- Land Use Control Information System
LIENS ---- Lien List

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
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
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
NPDES List of Active NPDES Permits
AIRS Permit and Emissions Inventory Data
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
COAL ASH Coal Ash Disposal Sites
COAL ASH DOE Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants
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 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 12/11/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GMC PONTIAC MOTOR DIV	***ONE PONTIAC PLZ***	***NNE 1/2 - 1 (0.536 mi.)***	***15***	***52***

EXECUTIVE SUMMARY

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 01/13/2010 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WARDROBE CLEANERS	***1038 BALDWIN***	***NNW 1/8 - 1/4 (0.221 mi.)***	***B5***	***36***

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 03/29/2010 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADLERS SERVICE INC	***1186 BALDWIN AVE***	***N 1/4 - 1/2 (0.471 mi.)***	***C10***	***46***
Facility Status: Open				
Facility Status: Open				
**Additional key fields are available in the Map Findings section*				
HUBERT DISTRIBUTORS, INC	125 E COLUMBIA	NNE 1/4 - 1/2 (0.490 mi.)	D13	50
Facility Status: Closed				
Facility Status: Closed				
COLUMBIA AVE-PONTIAC	***130 E COLUMBIA AVE***	***NNE 1/4 - 1/2 (0.495 mi.)***	***D14***	***51***
Facility Status: Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN MINI MART INC	***720 BALDWIN AVE***	***S 1/4 - 1/2 (0.423 mi.)***	***7***	***40***
Facility Status: Open				
UHAULS 754-67	***30 E MONTCALM***	***S 1/4 - 1/2 (0.424 mi.)***	***8***	***44***
Facility Status: Open				
Facility Status: Open				

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, and dated 02/12/2010 has revealed that there is

1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADLERS SERVICE, INC.	1186 BALDWIN AVE	N 1/4 - 1/2 (0.471 mi.)	C11	49

ADDITIONAL ENVIRONMENTAL RECORDS

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 01/13/2010 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VINYL SASH OF PONTIAC	***1065 BALDWIN AVE***	***NNW 1/8 - 1/4 (0.231 mi.)***	***B6***	***38***

DRYCLEANERS: A listing of drycleaning facilities in Michigan.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/26/2010 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WARDROBE CLEANERS	***1038 BALDWIN***	***NNW 1/8 - 1/4 (0.221 mi.)***	***B5***	***36***

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 03/01/2010 has revealed that there are 2 BEA sites within approximately 0.5 miles of the target property.

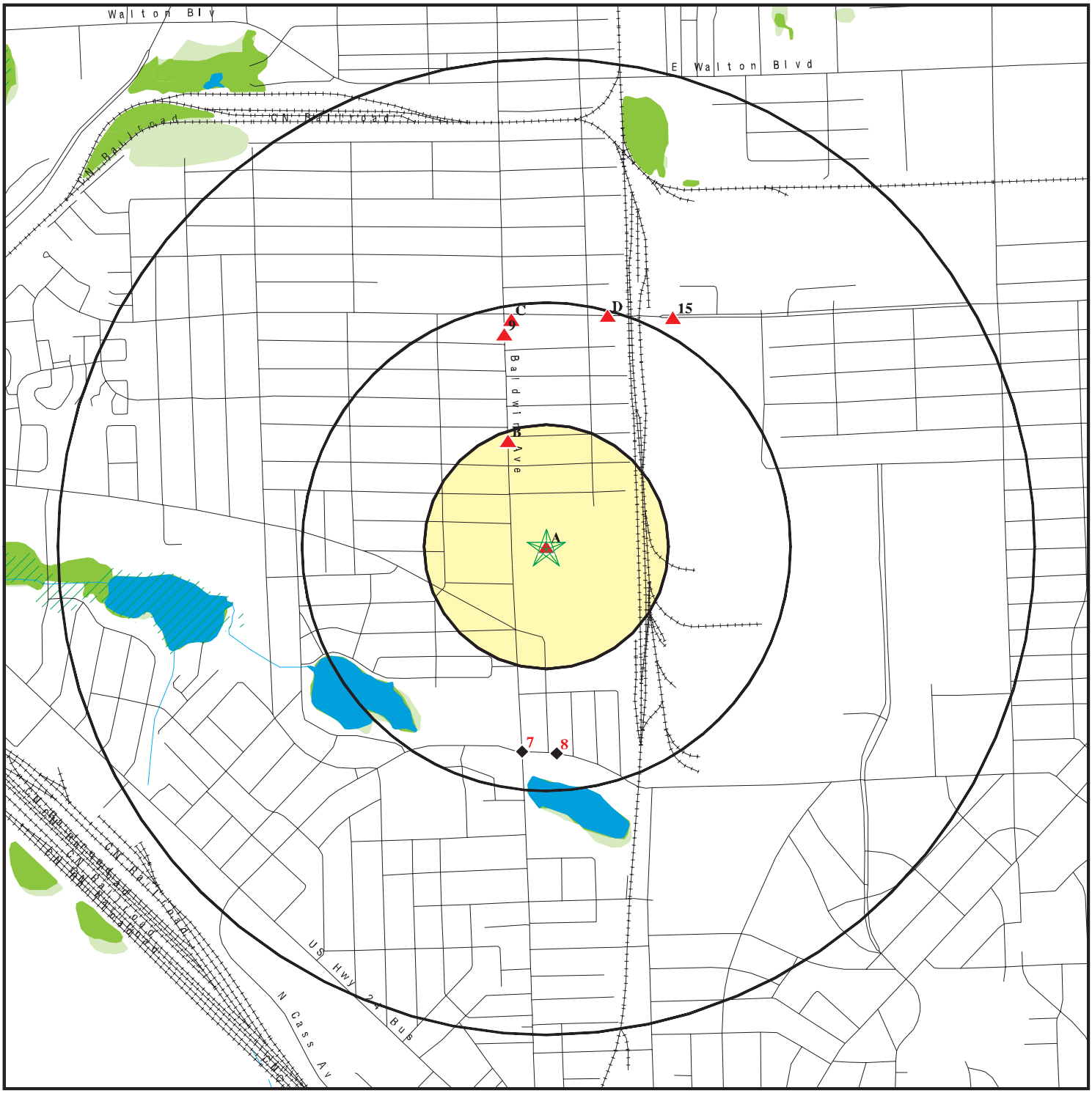
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RITE AID #4302	1186 BALDWIN ROAD	N 1/4 - 1/2 (0.443 mi.)	9	46
GAS STATION/TOWING SERVICE	1186 BLADWIN ROAD	N 1/4 - 1/2 (0.471 mi.)	C12	50

EXECUTIVE SUMMARY

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

Site Name	Database(s)
GM CPC PONTIAC 307	SHWS
3951 JOSLYN RD	CERC-NFRAP, SHWS
KENNETT RD LF	SHWS
56 E LEHIGH	RCRA-NonGen, FINDS, SHWS
UPLAND & JOSLYN ROAD FILL	SHWS
ASPHALT SPECIALIST INC	SHWS, DEL SHWS
KENNETT RD	CERC-NFRAP
4016 BALDWIN	RCRA-NonGen, FINDS
DTE ENERGY SERVICES	RCRA-CESQG
BALDWIN SQUARE, LLC	BEA
WEST KENNETT STREET PROPERTY	BEA
PONTIAC WASTEWATER TREATMENT PLANT	SPILLS
GENERAL MOTORS-PONTIAC ASSEMBLY PL	SPILLS
LAKE ANGELUS AT BALDWIN ROAD DRUMS	DEL SHWS

OVERVIEW MAP - 2752984.2s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 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: MLC Fiero Plant ADDRESS: 900 Baldwin Avenue Pontiac MI 48340 LAT/LONG: 42.6632 / 83.2987	CLIENT: ARCADIS U.S., Inc. CONTACT: Moriah Bloom INQUIRY #: 2752984.2s DATE: April 22, 2010 1:50 pm

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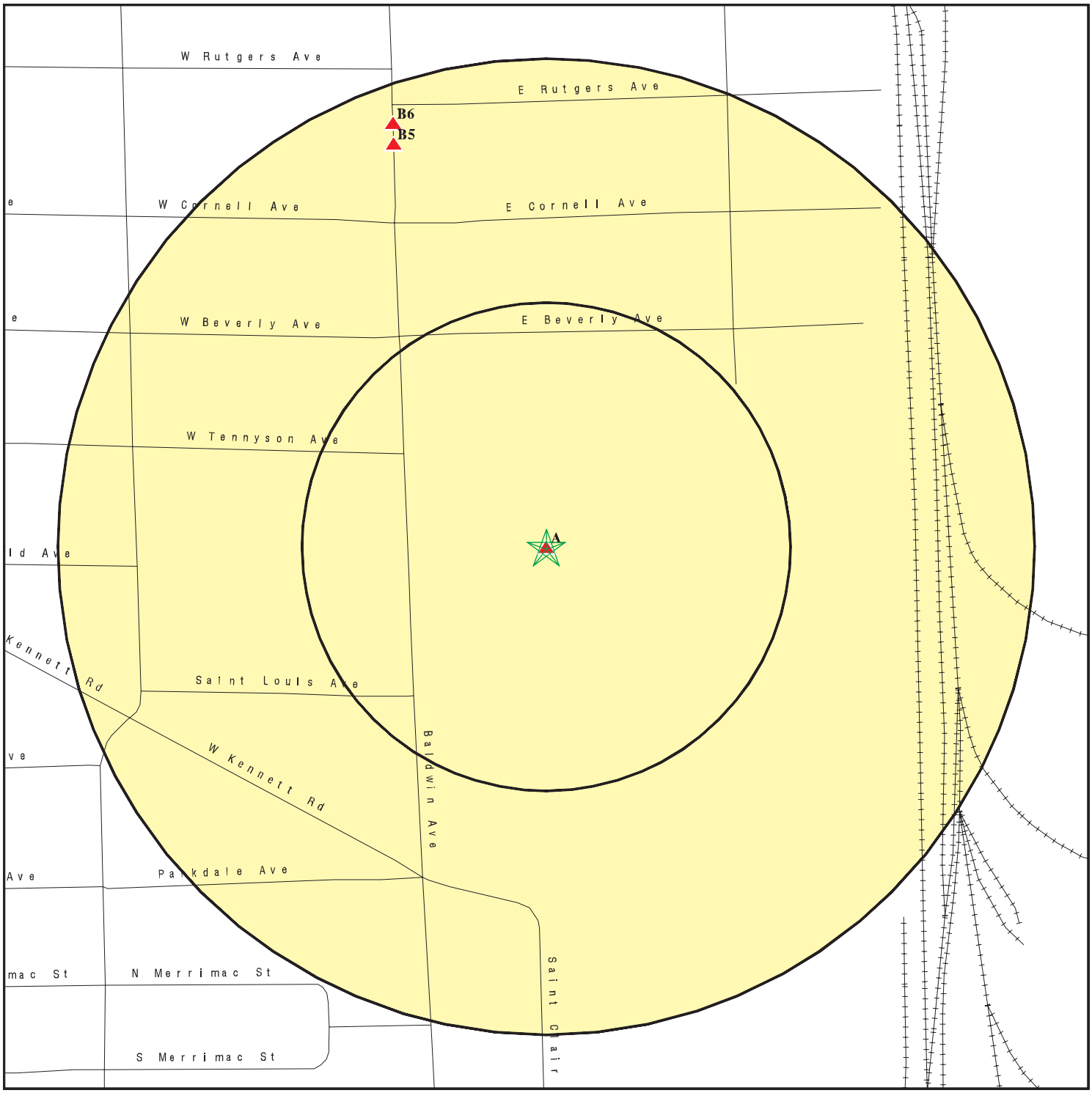
DETAIL MAP - 2752984.2s



- 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: MLC Fiero Plant	CLIENT: ARCADIS U.S., Inc.
ADDRESS: 900 Baldwin Avenue Pontiac MI 48340	CONTACT: Moriah Bloom
LAT/LONG: 42.6632 / 83.2987	INQUIRY #: 2752984.2s DATE: April 22, 2010 1:50 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	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
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	X	0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	X	1.000	0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	X	0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	X	0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	0	5	NR	NR	5
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	X	0.250	0	0	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
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL		0.500	0	0	0	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	1	NR	NR	1
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	0	NR	NR	0
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	0	0	0	NR	0
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	X	0.250	0	1	NR	NR	NR	1
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

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
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	1	NR	NR	NR	1
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	0	0	2	NR	NR	2
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		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
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	X	TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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

A1
Target
Property

GENERAL MOTORS COMPANY
900 BALDWIN AVE
PONTIAC, MI 48340

RCRA-SQG **1012180767**
MIK614342962

Site 1 of 4 in cluster A

Actual:
977 ft.

RCRA-SQG:

Date form received by agency:	10/05/2009
Facility name:	GENERAL MOTORS COMPANY
Facility address:	900 BALDWIN AVE PONTIAC, MI 48340
EPA ID:	MIK614342962
Mailing address:	220 E COLUMBIA AVE PONTIAC, MI 48340
Contact:	SUE WALDROP
Contact address:	900 BALDWIN AVE PONTIAC, MI 48340
Contact country:	Not reported
Contact telephone:	(248) 857-2287
Contact email:	Not reported
EPA Region:	05
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	GENERAL MOTORS CORP (PROPERTY OWNER)
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:	01/01/1928
Owner/Op end date:	Not reported

Owner/operator name:	GENERAL MOTORS COMPANY
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:	07/10/2009
Owner/Op end date:	Not reported

Owner/operator name:	MOTORS LIQUIDATION COMPANY (PROPERTY)
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:	07/10/2009
Owner/Op end date:	Not reported

GENERAL MOTORS COMPANY (Continued) **1012180767**

Owner/operator name: GENERAL MOTORS COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/10/2009
Owner/Op end date: Not reported

Owner/operator name: MOTORS LIQUIDATION COMPANY (PROPERTY)
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: 07/10/2009
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

Violation Status: No violations found

A2 **GMC CPC-PONTIAC FIERO ASSEMBLY** **RCRA-TSDF** **1000109581**
Target **900 BALDWIN AVE** **CERC-NFRAP** **MID005356910**
Property **PONTIAC, MI 48055** **CORRACTS**
RCRA-LQG
Site 2 of 4 in cluster A **FINDS**
MANIFEST
Actual: **FINANCIAL ASSURANCE**
977 ft.

RCRA-TSDF:
Date form received by agency: 04/23/2009
Facility name: GMNA PROPERTY MGMT
Facility address: 900 BALDWIN AVE
PONTIAC, MI 48340
EPA ID: MID005356910
Mailing address: 220 E COLUMBIA AVE
PONTIAC, MI 48340
Contact: SUE WALDROP
Contact address: 900 BALDWIN AVE

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

PONTIAC, MI 48340
Contact country: Not reported
Contact telephone: (248) 857-2287
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: GMC FISHER BODY DIV PONTIAC PLANT
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: 01/01/1930
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: 01/01/1901
Owner/Op end date: Not reported

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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

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

Historical Generators:
Date form received by agency: 03/01/2008
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 02/27/2008
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 04/13/2007
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 05/13/2004
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 04/09/2003
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: GMNA PROPERTY MGMT
Site name: GMNA PROPERTY MGMT FIERO FAC
Classification: Large Quantity Generator

Date form received by agency: 02/26/2002
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Date form received by agency: 04/06/2001
Facility name: GMNA PROPERTY MGMT
Classification: Not a generator, verified

Date form received by agency: 02/29/2000
Facility name: GMNA PROPERTY MGMT
Site name: GMNA PROPERTY MGMT FIERO FAC
Classification: Large Quantity Generator

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Date form received by agency: 01/25/1996
Facility name: GMNA PROPERTY MGMT
Site name: NAO PROPERTY MANAGEMENT-FIERO FACILITY
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Facility name: GMNA PROPERTY MGMT
Site name: GMC CPC - FIERO
Classification: Large Quantity Generator

Date form received by agency: 02/01/1990
Facility name: GMNA PROPERTY MGMT
Site name: GMC CPC-FIERO
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: GMNA PROPERTY MGMT
Classification: Not a generator, verified

Date form received by agency: 08/12/1980
Facility name: GMNA PROPERTY MGMT
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2007

Annual Waste Handled:
Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 91709.5

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

Event date: 03/31/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Event date: 04/14/1992
Event: RFA Completed

Facility Has Received Notices of Violations:
Regulation violated: Not reported

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 02/16/2006
Date achieved compliance: 04/12/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/2006
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 - Contingency Plan and Emergency Procedures
Date violation determined: 03/29/2005
Date achieved compliance: 05/25/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/12/2005
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 Facility Standards
Date violation determined: 09/17/2001
Date achieved compliance: 11/30/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/08/1993
Date achieved compliance: 04/06/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Date violation determined: 01/24/1991
Date achieved compliance: 02/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/31/1991
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: 06/26/1989
Date achieved compliance: 07/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - 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 - Financial Requirements
Date violation determined: 09/01/1988
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: 05/03/1987

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Date achieved compliance: 10/13/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/22/1987
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: LDR - General
Date violation determined: 05/03/1987
Date achieved compliance: 10/13/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/22/1987
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: 12/03/1985
Date achieved compliance: 04/16/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/18/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Evaluation date: 11/22/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/16/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 04/12/2006
Evaluation lead agency: State

Evaluation date: 03/29/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 05/25/2005
Evaluation lead agency: State

Evaluation date: 06/23/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/20/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 11/30/2001
Evaluation lead agency: State

Evaluation date: 09/30/1999
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/26/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/09/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/1995
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/23/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/06/1994
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: 09/16/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
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: 01/24/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/18/1991
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Evaluation date: 05/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/26/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/14/1989
Evaluation lead agency: State

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: 09/01/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/17/1988
Evaluation lead agency: State

Evaluation date: 09/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/08/1987
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/11/1987
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General
Date achieved compliance: 04/16/1986
Evaluation lead agency: State

Evaluation date: 05/03/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/13/1987
Evaluation lead agency: State

Evaluation date: 05/03/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/13/1987
Evaluation lead agency: State

Evaluation date: 12/03/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Date achieved compliance: 04/16/1986
Evaluation lead agency: State

CERC-NFRAP:
Site ID: 0506911
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RESPONSIBLE PARTY INVESTIGATOR
Contact Name: JANET PFUNDHELLER
Contact Tel: (312) 353-5821

Program Priority:
Description: Great Lakes

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/06/1992
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/14/1992
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/18/1995
Priority Level: Not reported

CORRACTS:

EPA ID: MID005356910
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356910
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356910
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 4/14/1992
Action: CA050 - RFA Completed
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

FINDS:

Registry ID: 110000614256

Environmental Interest/Information System

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.

NY MANIFEST:

EPA ID: MID005356910
Country: USA
Mailing Name: GENERAL MOTORS CORP
Mailing Contact: N/S
Mailing Address: 900 BALDWIN AVE
Mailing Address 2: Not reported
Mailing City: PONTIAC
Mailing State: MI
Mailing Zip: 48340
Mailing Zip4: 2602
Mailing Country: USA
Mailing Phone: 248-857-2287

Document ID: NYB9450054
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 03/27/2001
Trans1 Recv Date: 03/27/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/28/2001

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	PUQ2729OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	22840
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450063
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	03/29/2001
Trans1 Recv Date:	03/29/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/30/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	PUH8833OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	25120
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

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:	NYB9450072
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	03/29/2001
Trans1 Recv Date:	03/29/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/30/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OHPUQ2729
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	25040
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450081
Manifest Status:	Not reported
Trans1 State ID:	NYR000045724
Trans2 State ID:	Not reported
Generator Ship Date:	03/30/2001
Trans1 Recv Date:	03/30/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	72762NNY

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	39480
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450099
Manifest Status:	Not reported
Trans1 State ID:	NYR000045724
Trans2 State ID:	Not reported
Generator Ship Date:	03/30/2001
Trans1 Recv Date:	03/30/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	33208HNY
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	31520
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Document ID:	NYB9450108
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	03/30/2001
Trans1 Recv Date:	03/30/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/02/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OHPUH8822
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	32020
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450117
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2001
Trans1 Recv Date:	04/02/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OHPUQ2729
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	31140
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Year:	01
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:	NYB9450126
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2001
Trans1 Recv Date:	04/02/2001
Trans2 Recv Date:	04/03/2001
TSD Site Recv Date:	04/03/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	PUH4223OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	34880
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450135
Manifest Status:	Not reported
Trans1 State ID:	NYR000045724
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2001
Trans1 Recv Date:	04/02/2001

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	72763NNY
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	29780
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450144
Manifest Status:	Not reported
Trans1 State ID:	NYR000045724
Trans2 State ID:	Not reported
Generator Ship Date:	04/02/2001
Trans1 Recv Date:	04/02/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/03/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	133741ANY
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	29440
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

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:	NYB9450153
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/03/2001
Trans1 Recv Date:	04/03/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/04/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	PUH8833OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	22660
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450162
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/04/2001
Trans1 Recv Date:	04/04/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/05/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Trans2 EPA ID:	Not reported
TSDF ID:	PUN8403OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	28760
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450171
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/03/2001
Trans1 Recv Date:	04/03/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/04/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	TLL4280OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	30120
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Mgmt Method Type Code: Not reported

Document ID: NYB9450189
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 04/04/2001
Trans1 Recv Date: 04/04/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/05/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005356910
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: OH064PUQ2
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 27540
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 01
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: NYB9450198
Manifest Status: Not reported
Trans1 State ID: OHD068913409
Trans2 State ID: Not reported
Generator Ship Date: 04/06/2001
Trans1 Recv Date: 04/06/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005356910
Trans1 EPA ID: NYD049836679
Trans2 EPA ID: Not reported
TSDF ID: OH064PUH8
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 36900
Units: P - Pounds
Number of Containers: 001

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450207
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/23/2001
Trans1 Recv Date:	04/23/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/04/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	PUH8822OH
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	36020
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450216
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Trans2 State ID:	Not reported
Generator Ship Date:	04/05/2001
Trans1 Recv Date:	04/05/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/06/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OH064TU42
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	34420
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9450225
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/06/2001
Trans1 Recv Date:	04/06/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/09/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OH064PUQ2
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	32040
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
Manifest Tracking Num:	Not reported
Import Ind:	Not reported

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

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:	NYB9450234
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/06/2001
Trans1 Recv Date:	04/06/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/09/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	OH064PUN8
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	34000
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9474525
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	03/19/2001
Trans1 Recv Date:	03/19/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/20/2001
Part A Recv Date:	Not reported

GMC CPC-PONTIAC FIERO ASSEMBLY (Continued) **1000109581**

Part B Recv Date:	Not reported
Generator EPA ID:	MID005356910
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	35480
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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

Click this hyperlink while viewing on your computer to access
15 additional NY_MANIFEST: record(s) in the EDR Site Report.

FINANCIAL ASSURANCE:

EPA ID:	MID005356910
Region:	1
Mechanism Type:	BOND
Total Amount:	$142,240.00

A3 **BMC-CPC-PONTIAC FIERO PLANT** **UST** **U003321777**
Target **900 BALDWIN** **N/A**
Property **PONTIAC, MI 48058**

Site 3 of 4 in cluster A

Actual:
977 ft.

UST:

Facility ID:	00010316
Facility Type:	CLOSED
Latitude:	42.6622850000
Longitude:	-83.2997930000
Owner Name:	BMC-Cpc-Pontiac Fiero Plant
Owner Address:	900 BALDWIN
Owner City,St,Zip:	PONTIAC, MI 48058
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(734) 857-2797
Contact:	G.A. MOORE
Contact Phone:	(734) 857-2797
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET

BMC-CPC-PONTIAC FIERO PLANT (Continued) **U003321777**

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

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Apr 29 1966
Product: Hazardous Substance,2-BUTAN.NE,7
Remove Date: Jul 1 1989
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 30 1983
Product: Not reported
Remove Date: Jul 3 1989
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 8000
Install Date: Apr 29 1966
Product: Hazardous Substance
Remove Date: Jul 3 1989
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 8000
Install Date: Apr 29 1966
Product: Hazardous Substance,CELLOSOLVE ACETATE,1
Remove Date: Jul 1 1989
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown

BMC-CPC-PONTIAC FIERO PLANT (Continued) **U003321777**

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

A4 Target Property **PPG INDUSTRIES INC** **RCRA-NonGen 1000119668**
900-B BALDWIN AVE **FINDS MID981961816**
PONTIAC, MI 48340

Site 4 of 4 in cluster A

Actual: 977 ft.

RCRA-NonGen:
Date form received by agency: 08/25/1987
Facility name: PPG INDUSTRIES INC
Facility address: 900-B BALDWIN AVE
PONTIAC, MI 48340
EPA ID: MID981961816
Mailing address: 260 KAPPA DRIVE
PITTSBURGH, PA 15238
Contact: C BABKA
Contact address: 900-B BALDWIN AVE
PONTIAC, MI 48340
Contact country: Not reported
Contact telephone: (412) 963-5827
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

PPG INDUSTRIES INC (Continued) **1000119668**

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: 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: 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

Violation Status: No violations found

FINDS:

Registry ID: 110008452165

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.

B5 **WARDROBE CLEANERS** **RCRA-CESQG** **1000192171**
NNW **1038 BALDWIN** **FINDS** **MID017321258**
1/8-1/4 **PONTIAC, MI 48340** **DRYCLEANERS**
0.221 mi.
1166 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
987 ft.

RCRA-CESQG:

Date form received by agency:	03/12/2006
Facility name:	WARDROBE CLEANERS
Facility address:	1038 BALDWIN AVE PONTIAC, MI 48340
EPA ID:	MID017321258
Contact:	SHAWN JOH
Contact address:	1038 BALDWIN AVE PONTIAC, MI 48340
Contact country:	Not reported
Contact telephone:	(248) 332-9289
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:	WARDROBE CLEANERS LEE
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:	09/17/1991
Owner/Op end date:	Not reported

Owner/operator name:	WARDROBE CLEANERS LEE
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:	09/17/1991
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

WARDROBE CLEANERS (Continued) **1000192171**

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: 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: 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

Historical Generators:

Date form received by agency: 03/02/2005
Facility name: WARDROBE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/21/2004
Facility name: WARDROBE CLEANERS
Classification: Small Quantity Generator

Date form received by agency: 03/27/2003
Facility name: WARDROBE CLEANERS

WARDROBE CLEANERS (Continued) **1000192171**

Classification: Small Quantity Generator

Date form received by agency: 08/25/2002
Facility name: WARDROBE CLEANERS
Classification: Small Quantity Generator

Date form received by agency: 03/24/1988
Facility name: WARDROBE CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008445227

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.

DRYCLEANERS:
Facility Id: 6300153
New Owner As Of: Not reported
Owner/operator Name: SHAWN HI JOH
Owner/operator Phone: (248) 332-9289
Manager/contact Name: SHAWN HI JOH
Last Mdeq Inspection: January 29, 2009
Current Year Fee: $257.90
Total Machines: 1
Actual Machines: 1
Pounds: 25
Dryers: 0
Type: Commercial dry to dry
Status: In Compliance - Licence Issued
Last License # Issued: 9935 for 2010

B6 **VINYL SASH OF PONTIAC** **RCRA-NonGen** **1000865467**
NNW **1065 BALDWIN AVE** **FINDS** **MI0000052662**
1/8-1/4 **PONTIAC, MI 48340**
0.231 mi.
1219 ft. **Site 2 of 2 in cluster B**

Relative: Higher

Actual: 988 ft.

RCRA-NonGen:
Date form received by agency: 05/31/2000
Facility name: VINYL SASH OF PONTIAC
Facility address: 1065 BALDWIN AVE
PONTIAC, MI 48340
EPA ID: MI0000052662
Mailing address: G5433 FENTON RD
FLINT, MI 48502
Contact: BOB BLOSS
Contact address: 1065 BALDWIN AVE
PONTIAC, MI 48340

VINYL SASH OF PONTIAC (Continued) **1000865467**

Contact country: Not reported
Contact telephone: (313) 234-4831
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: 06/01/2000
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: 06/01/2000
Owner/Op end date: Not reported

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

Universal Waste Summary:
Waste type: 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

VINYL SASH OF PONTIAC (Continued) **1000865467**

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: 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

Historical Generators:
Date form received by agency: 11/08/1993
Facility name: VINYL SASH OF PONTIAC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110003560236

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.

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7 **BALDWIN MINI MART INC** **LUST U003160766**
South **720 BALDWIN AVE** **UST N/A**
1/4-1/2 **PONTIAC, MI 48340**
0.423 mi.
2231 ft.

Relative:
Lower

Actual:
944 ft.

LUST:
Facility ID: 00012972
Source: STATE OF MICHIGAN
Owner Name: Baldwin Mini Mart Inc
Owner Address: 720 Baldwin Ave
Owner City,St,Zip: Pontiac, MI 48340-2500
Owner Contact: Not reported
Owner Phone: (248) 253-9020
Country: USA
District: SE Michigan District Office
Site Name: Action Auto #13
Latitude: 42.6573750000
Longitude: -83.2986830000

BALDWIN MINI MART INC (Continued) **U003160766**

Date of Collection: 20-06-2007
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1429-92
Release Date: Aug 20 1992
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

UST:
Facility ID: 00012972
Facility Type: ACTIVE
Latitude: 42.6573750000
Longitude: -83.2986830000
Owner Name: Baldwin Mini Mart Inc
Owner Address: 720 Baldwin Ave
Owner City,St,Zip: Pontiac, MI 48340-2500
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 253-9020
Contact: Mike Ajami
Contact Phone: (248) 253-9020
Date of Collection: 20-06-2007
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: GPS Code Meas. Standard Positioning Service SA Off

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 8000
Install Date: May 7 1977
Product: Gasoline
Remove Date: Oct 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: 2
Tank Status: Removed from Ground
Capacity: 6000
Install Date: May 7 1977
Product: Gasoline
Remove Date: Oct 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

BALDWIN MINI MART INC (Continued) **U003160766**

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

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 6000
Install Date: May 7 1977
Product: Gasoline
Remove Date: Oct 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: 6000
Install Date: May 7 1977
Product: Gasoline
Remove Date: Oct 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: 5
Tank Status: Removed from Ground
Capacity: 4000
Install Date: May 7 1985
Product: Kerosene
Remove Date: Oct 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: 6
Tank Status: Removed from Ground
Capacity: 6000
Install Date: May 7 1986
Product: Gasoline
Remove Date: Oct 2 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel

BALDWIN MINI MART INC (Continued) **U003160766**

Piping Type: Pressure
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Currently In Use
Capacity: 10000
Install Date: Jan 1 1989
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 8
Tank Status: Currently In Use
Capacity: 8000
Install Date: Oct 1 1988
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Not reported
Piping Type: Pressure,Repaired
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 9
Tank Status: Currently In Use
Capacity: 8000
Install Date: Jan 1 1989
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure,Repaired
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 10
Tank Status: Currently In Use
Capacity: 4000
Install Date: Jan 1 1989
Product: Kerosene
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Tank Tightness Testing
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic

BALDWIN MINI MART INC (Continued) **U003160766**

Piping Type:	Pressure,Repaired
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	11
Tank Status:	**Currently In Use**
Capacity:	6000
Install Date:	Jan 1 1989
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection:	Automatic Line Leak Detectors,Line Tightness Testing
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure,Repaired
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Tank ID:	Phantom
Tank Status:	**Non-Registered Tank**
Capacity:	Not reported
Install Date:	Not reported
Product:	Unknown
Remove Date:	Not reported
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Constr Material:	Not reported
Impressed Device:	No

---

8 **UHAULS 754-67** **LUST U002302719**
South **30 E MONTCALM** **UST N/A**
1/4-1/2 **PONTIAC, MI 85036**
0.424 mi.
2238 ft.

Relative:
Lower

Actual:
947 ft.

LUST:

Facility ID:	00015341
Source:	STATE OF MICHIGAN
Owner Name:	U-Hauls Nevada Real Estate Co
Owner Address:	PO Box 21502
Owner City,St,Zip:	Phoenix, AZ 85036-1502
Owner Contact:	Not reported
Owner Phone:	(602) 263-6647
Country:	USA
District:	SE Michigan District Office
Site Name:	Uhauls 754-67
Latitude:	42.6569280000
Longitude:	-83.2984430000
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

UHAULS 754-67 (Continued) **U002302719**

Desc Category: Plant Entrance (Freight)

Leak Number: C-0930-93
Release Date: Jul 29 1993
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0983-93
Release Date: Aug 12 1993
Substance Released: Used Oil
Release Status: Open
Release Closed Date: Not reported

UST:
Facility ID: 00015341
Facility Type: CLOSED
Latitude: 42.6569280000
Longitude: -83.2984430000
Owner Name: U-Hauls Nevada Real Estate Co
Owner Address: PO Box 21502
Owner City,St,Zip: Phoenix, AZ 85036-1502
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (602) 263-6647
Contact: JIM JONES
Contact Phone: (734) 467-3275
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 10 1976
Product: Gasoline
Remove Date: Aug 3 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 500
Install Date: Apr 11 1983
Product: Used Oil
Remove Date: Aug 3 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

UHAULS 754-67 (Continued) **U002302719**

Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device:	No

Tank ID:	Phantom
Tank Status:	**Non-Registered Tank**
Capacity:	Not reported
Install Date:	Not reported
Product:	Unknown
Remove Date:	Not reported
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Constr Material:	Not reported
Impressed Device:	No

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9 **RITE AID #4302** **BEA S109416755**
North **1186 BALDWIN ROAD** **N/A**
1/4-1/2 **PONTIAC, MI 48340**
0.443 mi.
2341 ft.

Relative:
Higher

Actual:
980 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	4092
District:	Southeast MI
Date Received:	1/8/2009 12:59:00 AM
Submitter Name:	Perry Drug Stores Inc.
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Different Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	mitchelf
Division Assigned:	Storage Tank Division

C10 **ADLERS SERVICE INC** **LUST U000261729**
North **1186 BALDWIN AVE** **UST N/A**
1/4-1/2 **PONTIAC, MI 48340**
0.471 mi.
2486 ft. **Site 1 of 3 in cluster C**

Relative:
Higher

Actual:
980 ft.

LUST:

Facility ID:	00016872
Source:	STATE OF MICHIGAN
Owner Name:	Adlers Service Inc
Owner Address:	630 Walton Ave
Owner City,St,Zip:	Pontiac, MI 48340
Owner Contact:	Not reported
Owner Phone:	(248) 335-9541
Country:	USA
District:	SE Michigan District Office
Site Name:	Adlers Service Inc
Latitude:	42.6698000000

ADLERS SERVICE INC (Continued) **U000261729**

Longitude:	-83.3000980000
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-0074-07
Release Date:	May 29 2007
Substance Released:	Gasoline,Gasoline
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0831-99
Release Date:	Sep 10 1999
Substance Released:	Unknown,Unknown
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-1414-90
Release Date:	Aug 1 1990
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

UST:

Facility ID:	00016872
Facility Type:	CLOSED
Latitude:	42.6698000000
Longitude:	-83.3000980000
Owner Name:	Adlers Service Inc
Owner Address:	630 Walton Ave
Owner City,St,Zip:	Pontiac, MI 48340
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 335-9541
Contact:	Jim Reed
Contact Phone:	(248) 338-2244
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Apr 21 1984
Product:	Gasoline
Remove Date:	May 16 2007
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel

ADLERS SERVICE INC (Continued) **U000261729**

Piping Type: Not reported
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Jan 1 1990
Product: Gasoline
Remove Date: May 16 2007
Tank Release Detection: Manual Tank Gauging
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected,Fiberglass reinforced plastic
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Removed from Ground
Capacity: 550
Install Date: Not reported
Product: Gasohol
Remove Date: Dec 4 2007
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Apr 22 1951
Product: Diesel
Remove Date: Aug 2 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 21 1962
Product: Gasoline
Remove Date: Aug 2 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

ADLERS SERVICE INC (Continued) **U000261729**

Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 21 1962
Product: Gasoline
Remove Date: Aug 2 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 550
Install Date: Apr 22 1951
Product: Used Oil
Remove Date: May 15 2007
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: Phantom
Tank Status: Non-Registered Tank
Capacity: Not reported
Install Date: Not reported
Product: Unknown
Remove Date: Not reported
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Constr Material: Not reported
Impressed Device: No

C11 **ADLERS SERVICE, INC.** **BROWNFIELDS** **S107136006**
North **1186 BALDWIN AVE** **N/A**
1/4-1/2 **PONTIAC, MI**
0.471 mi.
2486 ft. **Site 2 of 3 in cluster C**

Relative:
Higher

Actual:
980 ft.

BROWNFIELD:
Facility ID: 00016872
Region: 1
Status: PLP
Properry Use: Not reported
BEA: Not reported
Ernie Id Number: 63005194

ADLERS SERVICE, INC. (Continued) **S107136006**

Redevelop Status: Not reported
Before Redevelopment: Photo
After Redevelopment: Not reported

C12 **GAS STATION/TOWING SERVICE** **BEA** **S108895940**
North **1186 BLADWIN ROAD** **N/A**
1/4-1/2 **PONTIAC, MI 48340**
0.471 mi.
2486 ft. **Site 3 of 3 in cluster C**

Relative:
Higher

Actual:
980 ft.

BEA:
Secondary Address: Not reported
BEA Number: 3712
District: Southeast MI
Date Received: 11/15/2007 12:59:00 AM
Submitter Name: Columbia/Baldwin Associates, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mitchelf
Division Assigned: Storage Tank Division

D13 **HUBERT DISTRIBUTORS, INC** **LUST** **S105213395**
NNE **125 E COLUMBIA** **N/A**
1/4-1/2 **PONTIAC, MI 48342**
0.490 mi.
2588 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
981 ft.

LUST:
Facility ID: 00006177
Source: STATE OF MICHIGAN
Owner Name: Hubert Distributors (dba) MOT Allev Enterprises LLC
Owner Address: 1200 Auburn Ave
Owner City,St,Zip: Pontiac, MI 48342-3312
Owner Contact: Not reported
Owner Phone: (248) 858-2340
Country: USA
District: SE Michigan District Office
Site Name: Hubert Distributors, Inc
Latitude: 42.6701110000
Longitude: -83.2958300000
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-0128-91
Release Date: Jan 28 1991
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Feb 20 1997

HUBERT DISTRIBUTORS, INC (Continued) **S105213395**

Leak Number: C-0872-85
Release Date: Jan 28 1991
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Feb 20 1997

D14 **COLUMBIA AVE-PONTIAC** **LUST U002302568**
NNE **130 E COLUMBIA AVE** **UST N/A**
1/4-1/2 **PONTIAC, MI 49014**
0.495 mi.
2615 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
981 ft.

LUST:
Facility ID: 00010867
Source: STATE OF MICHIGAN
Owner Name: Grand Truck Western Rr Co
Owner Address: 105 Hampton Ave
Owner City,St,Zip: Battle Creek, MI 49014-6609
Owner Contact: Not reported
Owner Phone: (616) 966-5239
Country: USA
District: SE Michigan District Office
Site Name: Grand Trunk Western Rr
Latitude: 42.6698340000
Longitude: -83.2956610000
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-1075-95
Release Date: Sep 26 1995
Substance Released: Diesel
Release Status: Closed
Release Closed Date: Aug 15 1996

UST:
Facility ID: 00010867
Facility Type: CLOSED
Latitude: 42.6698340000
Longitude: -83.2956610000
Owner Name: Grand Truck Western Rr Co
Owner Address: 105 Hampton Ave
Owner City,St,Zip: Battle Creek, MI 49014-6609
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (616) 966-5239
Contact: JOE ROTHBAUER
Contact Phone: (616) 966-5239
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)

COLUMBIA AVE-PONTIAC (Continued) **U002302568**

Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Apr 30 1961
Product: FUEL-OIL
Remove Date: Sep 26 1995
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: Phantom
Tank Status: Non-Registered Tank
Capacity: Not reported
Install Date: Not reported
Product: Unknown
Remove Date: Not reported
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Constr Material: Not reported
Impressed Device: No

15
NNE
1/2-1
0.536 mi.
2832 ft.

Relative:
Higher

Actual:
980 ft.

GMC PONTIAC MOTOR DIV
ONE PONTIAC PLZ
PONTIAC, MI 48053

RCRA-TSDF **1000128106**
CERC-NFRAP **MID005356886**
CORRACTS
RCRA-LQG
FINDS
MANIFEST
MANIFEST
FINANCIAL ASSURANCE

RCRA-TSDF:
Date form received by agency: 05/12/2009
Facility name: GENERAL MOTORS CORPORATION
Facility address: 220 E COLUMBIA AVE
PONTIAC, MI 48340
EPA ID: MID005356886
Contact: SUE WALDROP
Contact address: 220 E COLUMBIA AVE
PONTIAC, MI 48340
Contact country: Not reported
Contact telephone: (248) 857-2287
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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:	GMC PONTIAC MOTOR DIVISION
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:	11/19/1980
Owner/Op end date:	Not reported

Owner/operator name:	GENERAL MOTORS CORP
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:	11/19/1980
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

Historical Generators:

Date form received by agency:	03/01/2008
Facility name:	GENERAL MOTORS CORPORATION
Classification:	Large Quantity Generator

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Date form received by agency: 02/27/2008
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/13/2007
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: 04/28/2004
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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

Date form received by agency: 04/15/2003
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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

Date form received by agency: 02/26/2002
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/06/2001
Facility name: GENERAL MOTORS CORPORATION
Classification: Not a generator, verified

Date form received by agency: 02/24/2000
Facility name: GENERAL MOTORS CORPORATION
Site name: GM METAL FABRICATING DIV
Classification: Large Quantity Generator

Date form received by agency: 09/17/1998
Facility name: GENERAL MOTORS CORPORATION
Classification: Not a generator, verified

Date form received by agency: 03/20/1998
Facility name: GENERAL MOTORS CORPORATION
Site name: GENERAL MOTORS CORP., METAL FABRICATING
Classification: Large Quantity Generator

Date form received by agency: 01/25/1996

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Facility name: GENERAL MOTORS CORPORATION
Site name: METAL FABRICATING DIVISION OF
Classification: Large Quantity Generator

Date form received by agency: 01/20/1994
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC, CLCD-PONTIAC MFG OPERATIONS
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC CPC - PONTIAC
Classification: Large Quantity Generator

Date form received by agency: 02/01/1990
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC CPC PONTIAC
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: GENERAL MOTORS CORPORATION
Classification: Not a generator, verified

Date form received by agency: 08/12/1980
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 PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 15964.6

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 674

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Amount (Lbs): 5

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 150

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 160

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 30

Waste code: D008
Waste name: LEAD
Amount (Lbs): 234818.4

Waste code: D011
Waste name: SILVER
Amount (Lbs): 65

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 456.5

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 8202.5

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 7202.5

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 7202.5

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE
Amount (Lbs): 41.5

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Waste code: U161
Waste name: METHYL ISOBUTYL KETONE (I)
Amount (Lbs): 291.5

Waste code: U226
Waste name: ETHANE, 1,1,1-TRICHLORO-
Amount (Lbs): 41.5

Corrective Action Summary:

Event date: 05/17/1990
Event: RFA Completed

Event date: 05/17/1990
Event: RFA Determination Of Need For An RFI, RFI is Necessary;

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 high corrective action priority.

Event date: 03/31/1994
Event: RFI Imposition, Focused data collection required for stabilization evaluation.

Event date: 07/23/1996
Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).

Event date: 07/23/1996
Event: CA606FA

Event date: 09/26/1996
Event: CA608

Event date: 09/27/1996
Event: CA609

Event date: 09/27/1996
Event: Stabilization Construction Completed

Event date: 10/10/2000
Event: RFI Imposition, Focused data collection required for stabilization evaluation.

Event date: 07/20/2001
Event: CA005EP

Event date: 03/02/2004
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/29/2004
Event: Igration 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 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.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 02/16/2006
Date achieved compliance: 04/11/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/24/2006
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 - Closure/Post-Closure
Date violation determined: 02/16/2006
Date achieved compliance: 04/11/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/24/2006
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 - Contingency Plan and Emergency Procedures
Date violation determined: 02/16/2006
Date achieved compliance: 04/11/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/24/2006
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 03/29/2005
Date achieved compliance: 05/27/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/11/2005
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: 12/08/1993
Date achieved compliance: 04/06/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
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: 12/08/1993
Date achieved compliance: 04/06/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
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 - Closure/Post-Closure
Date violation determined: 06/07/1993
Date achieved compliance: 12/08/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/07/1993
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/07/1992
Date achieved compliance: 12/08/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/07/1993
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: 01/22/1991
Date achieved compliance: 02/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1991
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: 01/22/1991
Date achieved compliance: 02/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/23/1991
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: 06/26/1989
Date achieved compliance: 11/08/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/30/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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: 08/18/1988
Date achieved compliance: 10/20/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/01/1988
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: 08/18/1988
Date achieved compliance: 10/20/1988
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: LDR - General
Date violation determined: 06/11/1987
Date achieved compliance: 09/30/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/30/1987
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Date violation determined: 06/11/1987
Date achieved compliance: 09/30/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/30/1987
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: 11/12/1985
Date achieved compliance: 04/06/1986
Violation lead agency: State
Enforcement action: STATE TO EPA ADMINISTRATIVE REFERRAL
Enforcement action date: 04/08/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 29550
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/12/1985
Date achieved compliance: 04/06/1986
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 10/30/1986
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 - General
Date violation determined: 11/12/1985
Date achieved compliance: 04/06/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/18/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/22/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/22/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/16/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 04/11/2006
Evaluation lead agency: State

Evaluation date: 02/16/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 04/11/2006
Evaluation lead agency: State

Evaluation date: 02/16/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 04/11/2006
Evaluation lead agency: State

Evaluation date: 03/29/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 05/27/2005
Evaluation lead agency: State

Evaluation date: 06/23/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/20/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Evaluation date: 08/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/1999
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/26/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
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: 06/09/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
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: 11/23/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/06/1994
Evaluation lead agency: State

Evaluation date: 11/23/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Date achieved compliance: 04/06/1994
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: 05/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 12/08/1993
Evaluation lead agency: State

Evaluation date: 05/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/08/1993
Evaluation lead agency: State

Evaluation date: 09/22/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
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: 01/22/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/18/1991
Evaluation lead agency: State

Evaluation date: 01/22/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/18/1991
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: 05/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Evaluation date: 06/26/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/08/1989
Evaluation lead agency: State

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: 08/18/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/20/1988
Evaluation lead agency: State

Evaluation date: 08/18/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/20/1988
Evaluation lead agency: State

Evaluation date: 06/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/30/1987
Evaluation lead agency: State

Evaluation date: 06/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/30/1987
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: 03/11/1986
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 04/06/1986
Evaluation lead agency: State

Evaluation date: 11/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/06/1986
Evaluation lead agency: State

Evaluation date: 05/07/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Date achieved compliance: Not reported
Evaluation lead agency: State

CERC-NFRAP:
Site ID: 0502272
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

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: GMC CED PONTIAC
Alias Address: Not reported
MI

Alias Name: GMC PONTIAC MOTOR DIV
Alias Address: Not reported
OAKLAND, MI

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: 12/22/1987
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/22/1987
Priority Level: Not reported

CORRACTS:

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/2/2004
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

EPA ID: MID005356886
EPA Region: 05
Area Name: 02 WEST YARD
Actual Date: 3/31/1994
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1994
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: TRACK 31
Actual Date: 3/31/1994
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 5/17/1990
Action: CA050 - RFA Completed
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 5/17/1990
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: 02 WEST YARD
Actual Date: 7/23/1996

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: TRACK 31
Actual Date: 7/23/1996
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 9/27/1991
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: TRACK 31
Actual Date: 9/27/1996
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 9/29/2004
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356886
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 10/10/2000
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 336211

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Motor Vehicle Body Manufacturing
Original schedule date: 10/10/2000
Schedule end date: Not reported

FINDS:

Registry ID: 110001298774

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 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.

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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.

NY MANIFEST:

EPA ID:	MID005356886
Country:	USA
Mailing Name:	GENERAL MOTORS-CPC-PONTIAC MFG LAB
Mailing Contact:	GENERAL MOTORS-CPC-PONTIAC MFG LAB
Mailing Address:	1 PONTIAC PLAZA
Mailing Address 2:	Not reported
Mailing City:	PONTIAC
Mailing State:	MI
Mailing Zip:	48053
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	313-857-6394

Document ID:	NYB9523305
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	06/19/2001
Trans1 Recv Date:	06/19/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/20/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	TLL3374OH
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	13864
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Document ID:	NYB9523314
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	06/27/2001
Trans1 Recv Date:	06/27/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/29/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	TIR4097OH
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	17336
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB9523332
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	05/24/2001
Trans1 Recv Date:	05/24/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/31/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	0628646ME
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00001
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	01.00

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	01
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:	NYB5451462
Manifest Status:	Completed copy
Trans1 State ID:	502207STI
Trans2 State ID:	99758CNY
Generator Ship Date:	930621
Trans1 Recv Date:	930621
Trans2 Recv Date:	930702
TSD Site Recv Date:	930706
Part A Recv Date:	930709
Part B Recv Date:	930716
Generator EPA ID:	MID005356886
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	ILD099202681
TSDF ID:	NYD049836679
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 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:	93
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Document ID:	NYB9561528
Manifest Status:	Not reported
Trans1 State ID:	0629753ME
Trans2 State ID:	Not reported
Generator Ship Date:	05/12/2004
Trans1 Recv Date:	05/12/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/13/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00075
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	04
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:	NYB9561537
Manifest Status:	Not reported
Trans1 State ID:	0629753ME
Trans2 State ID:	Not reported
Generator Ship Date:	06/08/2004
Trans1 Recv Date:	06/08/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/09/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00600
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	04
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:	NYB9561546
Manifest Status:	Not reported
Trans1 State ID:	0629753ME
Trans2 State ID:	Not reported
Generator Ship Date:	08/05/2004
Trans1 Recv Date:	08/05/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/10/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00200
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	04
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Document ID:	NYB9561555
Manifest Status:	Not reported
Trans1 State ID:	0629753ME
Trans2 State ID:	Not reported
Generator Ship Date:	10/05/2004
Trans1 Recv Date:	10/05/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/06/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00900
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	04
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:	NYB9561564
Manifest Status:	Not reported
Trans1 State ID:	T111715TN
Trans2 State ID:	Not reported
Generator Ship Date:	10/26/2004
Trans1 Recv Date:	10/26/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/28/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00300
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Year:	04
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:	NYB9561573
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	04/26/2005
Trans1 Recv Date:	04/26/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/29/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00100
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	L Landfill.
Specific Gravity:	Not reported
Year:	Not reported
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

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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:	NYB9561582
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	02/24/2005
Trans1 Recv Date:	02/24/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/25/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TN
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00200
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	Not reported
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:	NYB9570249
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	08/24/2005
Trans1 Recv Date:	08/24/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/29/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	TH7060TN
Trans2 EPA ID:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00025
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	Not reported
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:	NYB9570294
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	12/05/2005
Trans1 Recv Date:	12/05/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/06/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TN
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00025
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00500
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	T Chemical, physical, or biological treatment.

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Specific Gravity:	Not reported
Year:	Not reported
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:	NYB9570312
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	10/11/2005
Trans1 Recv Date:	10/11/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/18/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TN
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00025
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	Not reported
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:	NYB9570321
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	07/26/2005

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Trans1 Recv Date:	07/26/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/01/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TN
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00200
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	Not reported
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:	NYB9570384
Manifest Status:	Not reported
Trans1 State ID:	OHD068911409
Trans2 State ID:	Not reported
Generator Ship Date:	05/20/2005
Trans1 Recv Date:	05/20/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/25/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	T117060TN
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity:	00090
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:	01.00
Year:	Not reported
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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:	NYB9569205
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	02/12/2002
Trans1 Recv Date:	02/12/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/13/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	Not reported
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00150
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	00500
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:	01.00
Year:	02
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:	NYA5058171
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Generator Ship Date:	880901
Trans1 Recv Date:	880901
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880902
Part A Recv Date:	880914
Part B Recv Date:	880909
Generator EPA ID:	MID005356886
Trans1 EPA ID:	MID000820365
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	19060
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	88
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:	NYA5058189
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	880901
Trans1 Recv Date:	880901
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880902
Part A Recv Date:	880914
Part B Recv Date:	880909
Generator EPA ID:	MID005356886
Trans1 EPA ID:	MID000820365
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	31500
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	88
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

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:	NYG3472236
Manifest Status:	Not reported
Trans1 State ID:	0629753ME
Trans2 State ID:	Not reported
Generator Ship Date:	02/09/2004
Trans1 Recv Date:	02/09/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/10/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID005356886
Trans1 EPA ID:	OHD068913409
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	04
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

Click this hyperlink while viewing on your computer to access
19 additional NY_MANIFEST: record(s) in the EDR Site Report.

WI MANIFEST:

Year:	05
EPA ID:	MID005356886
FID:	0
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Contact First Name:	Not reported
Contact Last Name:	Not reported
Contact Title:	Not reported
Contact Address:	Not reported
Contact State:	Not reported
Contact City:	Not reported
Contact Zip:	0
Contact Telephone:	0
Contact Extention:	Not reported
Contact Email Address:	Not reported
WI MANIFEST SHIP:	-
Manifest DOC ID:	000221200VES
Copy Type:	TSDCOPY
Gen EPA ID:	MID005356886
Gen Date:	3/7/2008
TSD Date:	03/20/2008
TSD EPA ID:	WID988566543
GEN Copy Revd Date:	Not reported
TSG Copy Revd Date:	4/4/2008
Manifest DOC ID:	000221200VES
Waste Page No:	1
Waste Line No:	2
Waste Code:	D009
Waste Amount:	12
Unit of Measure:	P
Waste LBS:	12
Manifest DOC ID:	000221200VES
Waste Page No:	1
Waste Line No:	1
Waste Code:	D002
Waste Amount:	5
Unit of Measure:	P
Waste LBS:	5

WI MANIFEST TRANS:	-
Mifest DOC ID:	Not reported
TRAN EPA ID:	Not reported
TRAN ORDER NO:	Not reported
TRAN Date:	Not reported

Manifest DOC ID:	Not reported
Waste Page No:	Not reported
Waste Line No:	Not reported
Waste Code:	Not reported
Waste Amount:	Not reported
Unit of Measure:	Not reported
Waste LBS:	Not reported

Year:	06
EPA ID:	MID005356886
FID:	0
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact First Name:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Contact Last Name:	Not reported
Contact Title:	Not reported
Contact Address:	Not reported
Contact State:	Not reported
Contact City:	Not reported
Contact Zip:	Not reported
Contact Telephone:	Not reported
Contact Extention:	Not reported
Contact Email Address:	Not reported
WI MANIFEST SHIP:	-
Manifest DOC ID:	000221200VES
Copy Type:	TSDCOPY
Gen EPA ID:	MID005356886
Gen Date:	3/7/2008
TSD Date:	03/20/2008
TSD EPA ID:	WID988566543
GEN Copy Revd Date:	Not reported
TSG Copy Revd Date:	4/4/2008
Manifest DOC ID:	000221200VES
Waste Page No:	1
Waste Line No:	2
Waste Code:	D009
Waste Amount:	12
Unit of Measure:	P
Waste LBS:	12
Manifest DOC ID:	000221200VES
Waste Page No:	1
Waste Line No:	1
Waste Code:	D002
Waste Amount:	5
Unit of Measure:	P
Waste LBS:	5

WI MANIFEST TRANS:	-
Mifest DOC ID:	Not reported
TRAN EPA ID:	Not reported
TRAN ORDER NO:	Not reported
TRAN Date:	Not reported

Manifest DOC ID:	Not reported
Waste Page No:	Not reported
Waste Line No:	Not reported
Waste Code:	Not reported
Waste Amount:	Not reported
Unit of Measure:	Not reported
Waste LBS:	Not reported

Year:	08
EPA ID:	MID005356886
FID:	Not reported
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact First Name:	Not reported
Contact Last Name:	Not reported

GMC PONTIAC MOTOR DIV (Continued) **1000128106**

Contact Title: Not reported
Contact Address: Not reported
Contact State: Not reported
Contact City: Not reported
Contact Zip: Not reported
Contact Telephone: Not reported
Contact Extention: Not reported
Contact Email Address: Not reported
WI MANIFEST SHIP: -
Manifest DOC ID: 000221200VES
Copy Type: TSDCOPY
Gen EPA ID: MID005356886
Gen Date: 3/7/2008
TSD Date: 03/20/2008
TSD EPA ID: WID988566543
GEN Copy Revd Date: Not reported
TSG Copy Revd Date: 4/4/2008
Manifest DOC ID: 000221200VES
Waste Page No: 1
Waste Line No: 2
Waste Code: D009
Waste Amount: 12
Unit of Measure: P
Waste LBS: 12
Manifest DOC ID: 000221200VES
Waste Page No: 1
Waste Line No: 1
Waste Code: D002
Waste Amount: 5
Unit of Measure: P
Waste LBS: 5

WI MANIFEST TRANS: -
Mifest DOC ID: Not reported
TRAN EPA ID: Not reported
TRAN ORDER NO: Not reported
TRAN Date: Not reported

Manifest DOC ID: Not reported
Waste Page No: Not reported
Waste Line No: Not reported
Waste Code: Not reported
Waste Amount: Not reported
Unit of Measure: Not reported
Waste LBS: Not reported

FINANCIAL ASSURANCE:
EPA ID: MID005356886
Region: 1
Mechanism Type: BOND
Total Amount: $113,233.00

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AUBURN HILLS	S105965688	LAKE ANGELUS AT BALDWIN ROAD DRUMS	LAKE ANGELUS E OF BALDWIN RD	48340	DEL SHWS
PONTIAC	S103594526	GM CPC PONTIAC 307	895TH JOSLYN & 1ST PONTIAC PLZ	48340	SHWS
PONTIAC	S104912578	BALDWIN SQUARE, LLC	12451255 BALDWIN AVE		BEA
PONTIAC	1000331098		4016 BALDWIN	48340	RCRA-NonGen, FINDS
PONTIAC	1003871234		3951 JOSLYN RD		CERC-NFRAP, SHWS
PONTIAC	1003871267		KENNETT RD		CERC-NFRAP
PONTIAC	S105144527	KENNETT RD LF	KENNETT RD		SHWS
PONTIAC	1000241457		56 E LEHIGH	48340	RCRA-NonGen, FINDS, SHWS
PONTIAC	1010321334	DTE ENERGY SERVICES	824 SAINT CLAIR ST	48340	RCRA-CESQG
PONTIAC	S110142640	WEST KENNETT STREET PROPERTY	SOUTH SIDE OF WEST KENNETT STR	48340	BEA
PONTIAC	S107597095	PONTIAC WASTEWATER TREATMENT PLANT	155 N UPDYKE		SPILLS
PONTIAC	S109257841	GENERAL MOTORS-PONTIAC ASSEMBLY PL	2100 S UPDYKE RD		SPILLS
PONTIAC	S104005115	UPLAND & JOSLYN ROAD FILL	UPLAND RD	48340	SHWS
PONTIAC	S105144543	ASPHALT SPECIALIST INC	1908 WIDE TRACK DR W	48342	SHWS, DEL SHWS

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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/26/2010
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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/26/2010
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: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/11/2010
Next Scheduled EDR Contact: 06/14/2010
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: 12/11/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
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: 02/01/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 02/03/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/03/2010
Date Data Arrived at EDR: 02/04/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 22

Source: Department of Natural Resources & Environment
Telephone: 517-335-4035
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
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: 03/29/2010
Date Data Arrived at EDR: 04/01/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 12
Source: Department of Natural Resources & Environment
Telephone: 517-373-9837
Last EDR Contact: 04/01/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

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: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/02/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 15
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 03/05/2010
Date Data Arrived at EDR: 03/05/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 38
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 03/29/2010
Date Data Arrived at EDR: 04/01/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 13

Source: Department of Natural Resources & Environment
Telephone: 517-335-4035
Last EDR Contact: 04/01/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 03/12/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 33

Source: Department of Natural Resources & Environment
Telephone: 517-373-8168
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: No Update Planned

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: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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: 02/02/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 15

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/17/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls
A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/26/2010
Date Data Arrived at EDR: 03/26/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 18

Source: Department of Natural Resources & Environment
Telephone: 517-373-4828
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

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: 02/12/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 14

Source: Department of Natural Resources & Environment
Telephone: 517-373-4805
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations
A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
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.

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: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
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 Natural Resources & Environment
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 02/04/2010
Date Data Arrived at EDR: 02/04/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 22

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/02/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 03/17/2010
Next Scheduled EDR Contact: 06/07/2010
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: 01/05/2010
Date Data Arrived at EDR: 01/29/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 28

Source: Department of Natural Resources & Environment
Telephone: 517-373-9837
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/10/2010
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: 12/31/2009
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

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: 12/08/2009
Date Data Arrived at EDR: 03/12/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 11

Source: Department of Natural Resources & Environment
Telephone: 517-373-8427
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
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: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
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: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
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: 11/17/2009
Date Data Arrived at EDR: 12/08/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
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: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
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: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 62
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
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: 12/24/2009
Date Data Arrived at EDR: 12/31/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 41
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
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: 10/19/2009
Date Data Arrived at EDR: 10/22/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 40

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
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: 02/25/2010
Next Scheduled EDR Contact: 06/07/2010
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: 02/02/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 20

Source: Department of Natural Resources & Environment
Telephone: 517-241-1515
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 01/26/2010
Date Data Arrived at EDR: 02/05/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 21

Source: Department of Natural Resources & Environment
Telephone: 517-335-4586
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
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: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 01/27/2010
Number of Days to Update: 14

Source: Department of Natural Resources & Environment
Telephone: 517-241-1300
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 39

Source: Department of Natural Resources & Environment
Telephone: 517-373-7074
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/12/2010
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: 03/01/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 03/23/2010
Number of Days to Update: 21

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
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.

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: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
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: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/10/2010
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: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/28/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-335-6610
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/03/2010
Date Data Arrived at EDR: 02/04/2010
Date Made Active in Reports: 02/26/2010
Number of Days to Update: 22

Source: Department of Natural Resources & Environment
Telephone: 517-335-4034
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
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: 02/24/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 01/27/2010
Number of Days to Update: 2

Source: Department of Natural Resources & Environment
Telephone: 586-753-3754
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/11/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
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: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MLC FIERO PLANT
900 BALDWIN AVENUE
PONTIAC, MI 48340

TARGET PROPERTY COORDINATES

Latitude (North):	42.66320 - 42° 39' 47.5''
Longitude (West):	83.2987 - 83° 17' 55.3''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	311607.2
UTM Y (Meters):	4725762.0
Elevation:	977 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property 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).

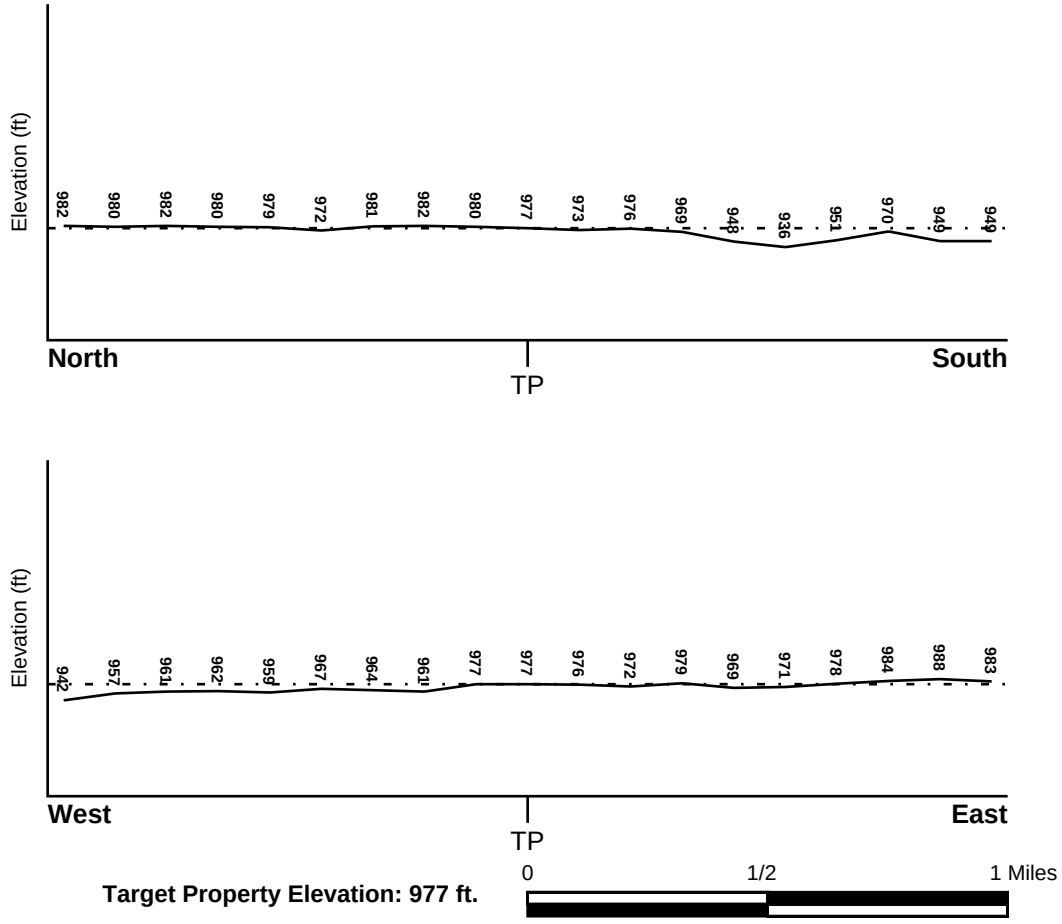
TOPOGRAPHIC INFORMATION

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 WSW

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

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

Flood Plain Panel at Target Property: 26125C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PONTIAC NORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile South	SE
2	1/4 - 1/2 Mile NNE	E
4	1/2 - 1 Mile SSE	SW

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

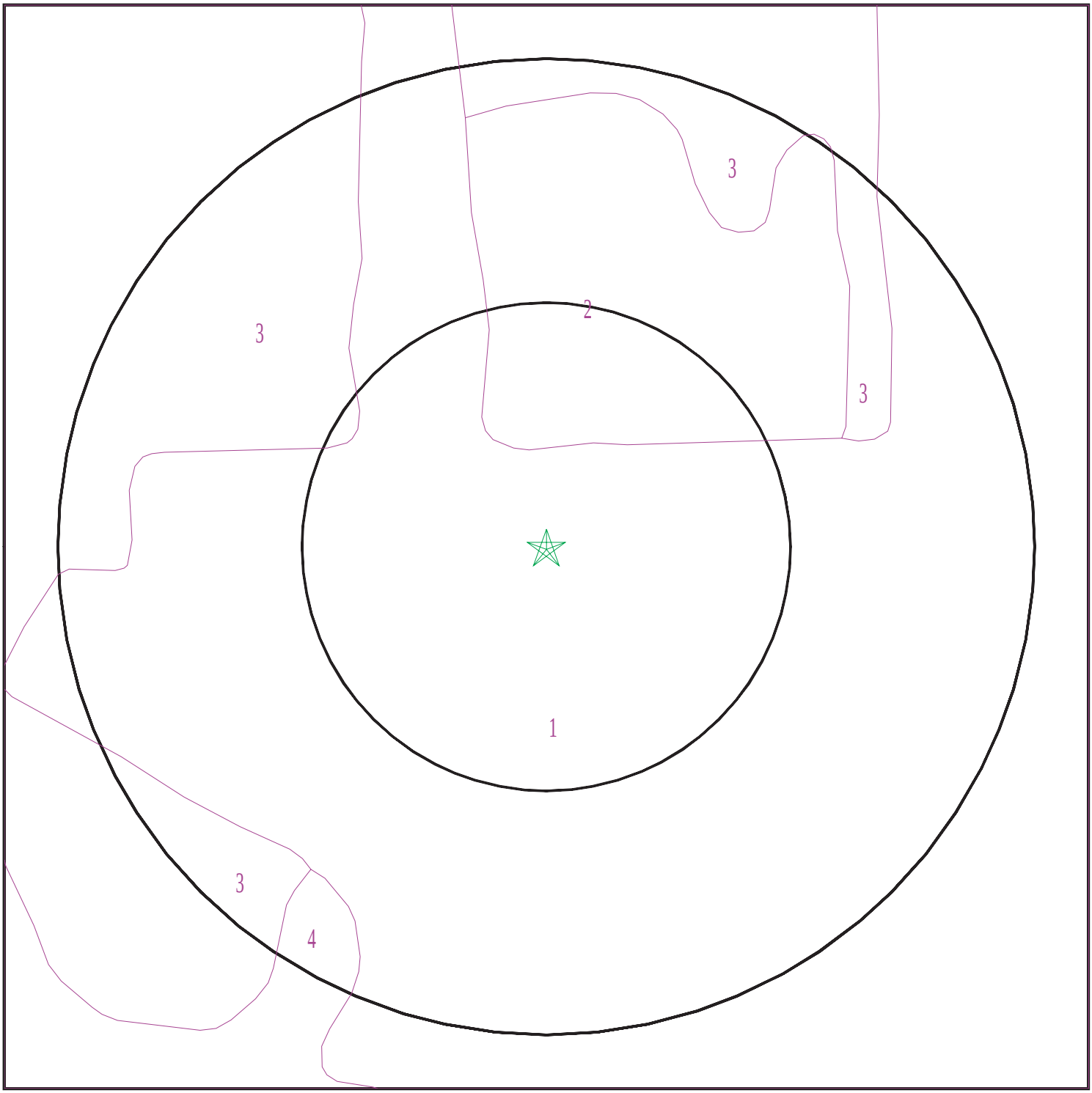
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2752984.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	MLC Fiero Plant	CLIENT:	ARCADIS U.S., Inc.
ADDRESS:	900 Baldwin Avenue Pontiac MI 48340	CONTACT:	Moriah Bloom
LAT/LONG:	42.6632 / 83.2987	INQUIRY #:	2752984.2s
		DATE:	April 22, 2010 1:50 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: 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: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

No Layer Information available.

Soil Map ID: 3

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: 4

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.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
5	USGS2308761	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

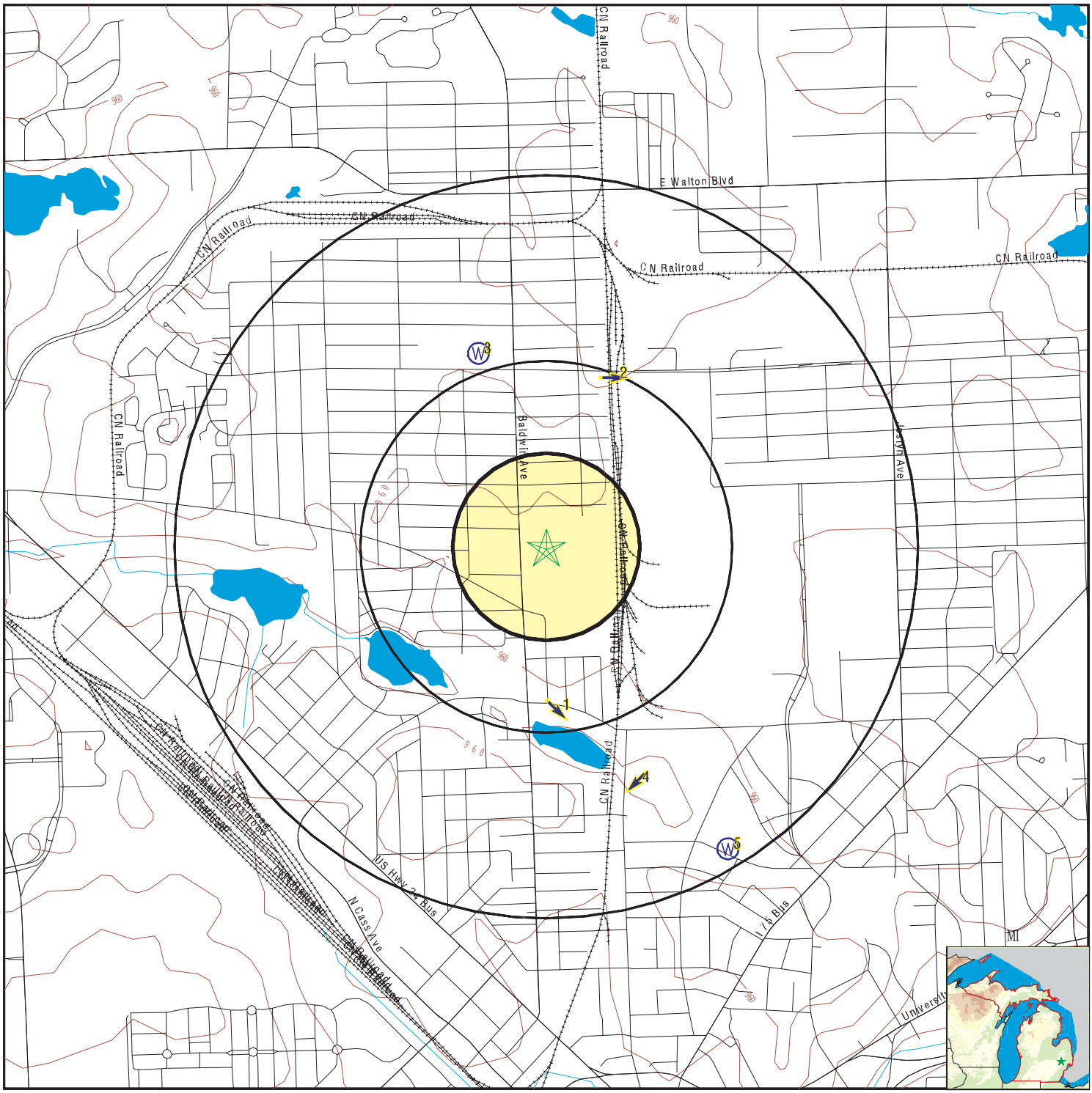
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	MI20259039	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 2752984.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	MLC Fiero Plant	CLIENT:	ARCADIS U.S., Inc.
ADDRESS:	900 Baldwin Avenue Pontiac MI 48340	CONTACT:	Moriah Bloom
LAT/LONG:	42.6632 / 83.2987	INQUIRY #:	2752984.2s
		DATE:	April 22, 2010 1:50 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **South** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	635125 SE Not Reported Not Reported 7 02/25/1994	**AQUIFLOW**	**35963**
2 **NNE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	635099 E Not Reported Not Reported 27 04/30/1998	**AQUIFLOW**	**45803**

3
NNW
1/2 - 1 Mile
Lower

MI WELLS **MI20259039**

Wellid:	63000019429	Import id:	Not Reported
County:	Oakland	Township:	Pontiac
Town range:	03N 10E	Section:	17
Owner name:	CONSUMERS ENERGY		
Well addr:	COLUMBIA ST		
Well depth:	280		
Well type:	Industrial		
Wssn:	0		
Well num:	Not Reported	Driller id:	1686
Const date:	2000-12-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	10		
Case depth:	100		
Screen frm:	0		
Screen to:	0		
Swl:	0		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.67073995		
Longitude:	-83.30226957		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	SWL = 0		
Elev dem:	968	Elev dif:	968
Elev miv:	968	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	22
Pct aq d:	23	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	62

Pct cm d:	60	Pct cm r:	100
Pct pcm:	16	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:	269
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:	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:	25
Pct maq 1:	0	Pct cm 1:	75
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	60	Pct maq 2:	0
Pct cm 2:	40	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:	50
Pct pcm 5:	50	Pct na 5:	0
Pct aq 6:	44	Pct maq 6:	0
Pct cm 6:	28	Pct pcm 6:	28
Pct na 6:	0	Pct aq 7:	48
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	52	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	77	Pct pcm 8:	23
Pct na 8:	0	Pct aq 9:	32
Pct maq 9:	0	Pct cm 9:	68
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:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	22.89343		
Vert Conduct:	.00017		
T2:	5700.4647		
D50plek:	2259.94404		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
4 **SSE** **1/2 - 1 Mile** **Lower**	Site ID:	635108	**AQUIFLOW**	**35792**
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	06/22/1994		

5
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS2308761**

Agency cd:	USGS	Site no:	423905083172101
Site name:	03N 10E 21CCBB 01		
Latitude:	423905	EDR Site id:	USGS2308761
Longitude:	0831721	Dec lat:	42.65142138
Dec lon:	-83.2891028	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S21T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	945		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Clinton. Michigan. Area = 742 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19220101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PLEISTOCENE SERIES		
Well depth:	289	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1929-01-01
Water quality data end date:	1929-01-01	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

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 2003 & 2009 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 IRAA 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

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APPENDIX D

Photograph Log

Photograph #1

Description of Photograph:
View facing west across the additional parking lot west of the Site.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #2

Description of Photograph:
View of the sump in the basement of the building.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

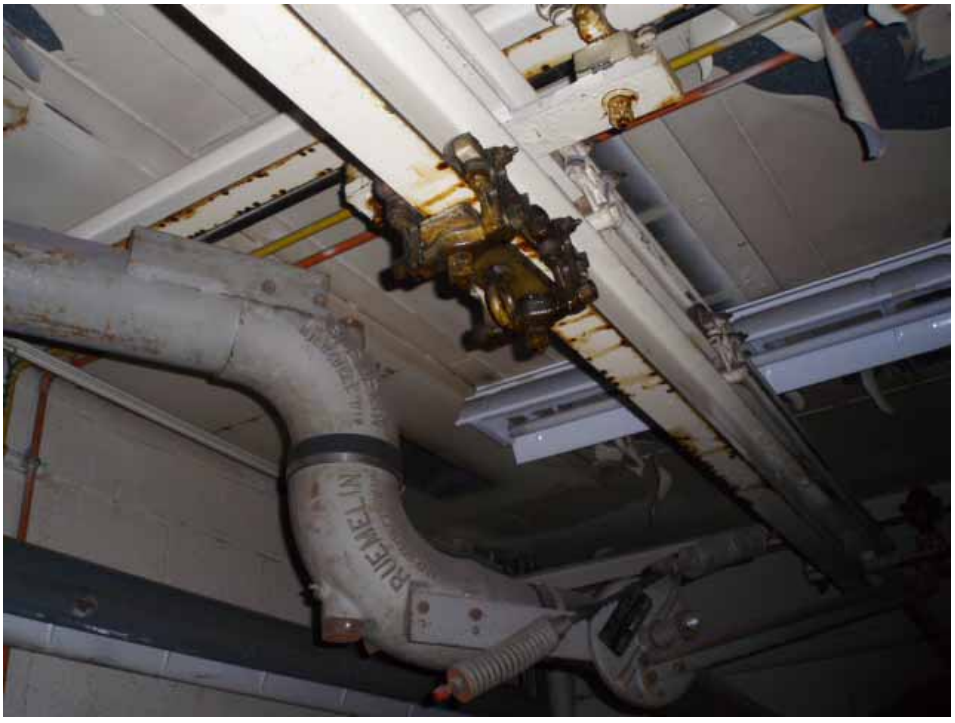
Photograph #3

Description of Photograph:
View inside of the east portion of the building with water leaking inside of the building from the roof.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010



Photograph #4

Description of Photograph:
Oil dripping from equipment attached to the ceiling in the northern portion of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #5

Description of Photograph:
View of an empty tote and debris inside the northern portion of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #6

Description of Photograph:
Paint peeling off of walls in the northern portion of the facility. The peeling paint was observed throughout the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #7

Description of Photograph:
View of the loading dock on the northeast side of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #8

Description of Photograph:
Water leaking near the loading docks.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #9

Description of Photograph:
Empty drums near the loading dock on the northwest side of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #10

Description of Photograph:
Corrosive staining on walls and floor. The source is unknown.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #11

Description of Photograph:
View of rust color staining on floors with absorbent booms within the offices on the west side of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #12

Description of Photograph:
View of inactive railroad tracks leading into the plant on the east side of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #13

Description of Photograph:
Old railroad ties along the east side of the Site, near the inactive railroad tracks.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #14

Description of Photograph:
Former entrance to the facility located outside of the northern portion of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #15

Description of Photograph:
Four roll-offs containers and a fire suppression tank outside of the northern portion of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #16

Description of Photograph:
One of several monitoring wells located at the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #17

Description of Photograph:
View of the debris which is located throughout the facility. Some drums labeled, some are not.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #16

Description of Photograph:
View from the south parking lot looking south into the residential neighborhood.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #16

Description of Photograph:
West parking lot, across Baldwin Avenue as seen from the second floor of the building.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #20

Description of Photograph:
Second floor of the facility. Material appears to be "melting" off the wall. Peeling paint also observed on the walls and ceiling.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #21

Description of Photograph:
Insulation peeling off pipes at the ceiling on the second floor of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #22

Description of Photograph:
One of several tanks located on the second floor of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #23

Description of Photograph:
One of the office areas on the second floor of the building.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #24

Description of Photograph:
Debris and trash at the south side of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #25

Description of Photograph:
Rusty hydraulic lifts at the southern portion of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #26

Description of Photograph:
A sump at the southern area of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #27

Description of Photograph:
Aboveground storage tank observed to be leaking unknown liquid on the concrete floor.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #28

Description of Photograph:
Loading docks at the southern portion of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #29

Description of Photograph:
Water leak and falling ceiling material which is labeled as potentially containing asbestos materials.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #30

Description of Photograph:
A room located at the southwest side of the plant.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #31

Description of Photograph:
The interior of a room which is labeled as potentially containing asbestos materials.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

Photograph #32

Description of Photograph:
Staining on the floor and around equipment on the west side of the facility.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

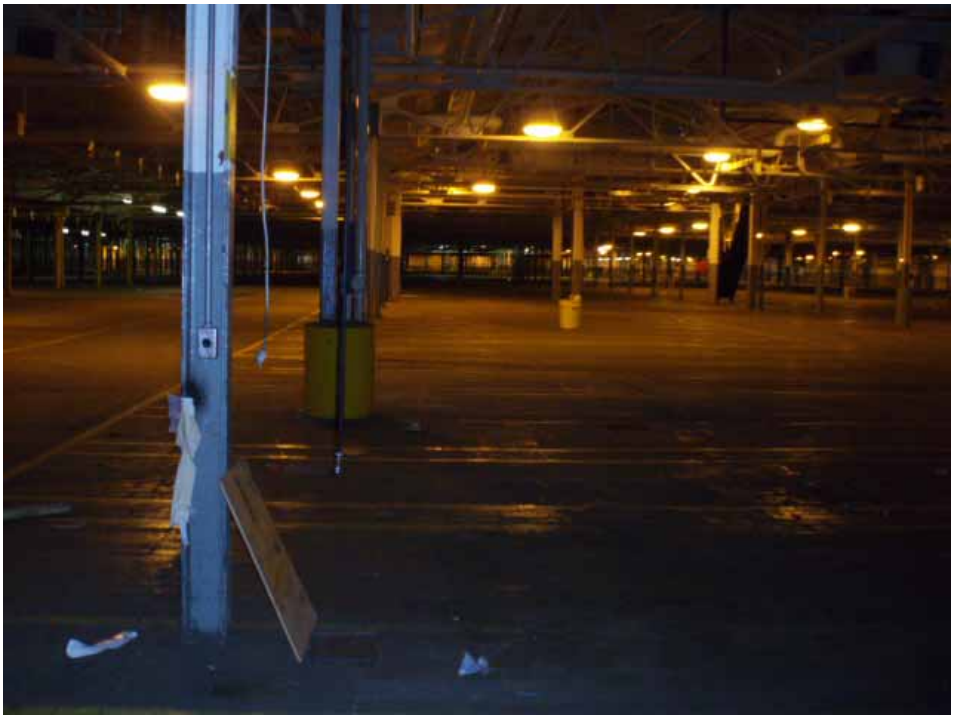
Photograph #33

Description of Photograph:
Staining on the floor near currently empty containers.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010



Photograph #34

Description of Photograph:
View of the western interior of the plant facing east.

Site Location:
Pontiac Fiero Plant
MLC-1121
Pontiac, Michigan

Photograph Taken By:
Moriah Bloom

Date of Photograph:
April 23, 2010

APPENDIX E

Qualifications of Environmental Professionals

LFR an ARCADIS company

TODD J. AEBIE, CPG

Senior Project Geologist

sanitary and industrial waste management
hazardous waste management
site assessment
groundwater monitoring

Mr. Aebie is a geologist with more than 18 years of experience in conducting and managing a variety of environmental projects in addition to sampling and analysis, geochemistry, geophysics, and glaciology. He has performed numerous work assessments that require a thorough understanding of Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and other pertinent environmental regulations.

Mr. Aebie's field experience includes a variety of sampling techniques and analysis of all types of environmental media and their related chain-of-custody procedures. Experience with landfill construction, oversight, administration, along with construction quality assurance (CQA) for geosynthetics installation. Mr. Aebie also routinely performs the installation, sampling, and monitoring of groundwater at several municipal solid waste landfills.

EDUCATION

B.S., Geology and Mineralogy, The Ohio State University, 1989

REPRESENTATIVE EXPERIENCE

Solid Waste Engineering

- **Phase 2 Design, Construction, and Oversight, Erie County Sanitary Landfill.** Provided office design and construction specifications for the Phase 2 cell construction at the Erie County Sanitary Landfill. Construction inspection included soil/lime mixing and compaction, RSL clay testing and oversight, geosynthetics installation quality assurance/quality control (QA/QC), leachate recirculation piping installation in Subphase 1B, haul road construction, and monitoring well installation for the expansion.
- **Subphase 1B and Phase 3 Capping, Design and Oversight, Erie County Sanitary Landfill.** Provided office design and construction specifications for the Subphase 1B cell construction and Vertical Expansion Phase 3 Capping at the Erie County Sanitary Landfill. Construction inspection included soil/lime mixing and compaction, RSL clay testing and oversight, geosynthetics installation quality assurance/quality control (QA/QC), leachate and methane gas header piping, haul road construction.
- **Phase 1 and 2 Design and Oversight, Erie County Sanitary Landfill, Erie County Ohio.** Provided office design and construction specifications for the Phase 1 and 2 design and construction oversight at the Erie County Sanitary Landfill. Oversight entailed the testing and oversight of a limed amended soil berm (greather than 250,000 cubic yards), construction of

cell Subphase 1A, including RSL placement and testing, leachate piping, associated leachate storage tank farm construction, drainage channels and haul roads.

- **Soil Excavation and Drying Design and Oversight, Erie County Sanitary Landfill, Erie County Ohio.** Provided office design and construction specifications for soil drying and retention basin construction oversight at the Erie County Sanitary Landfill. Provided construction oversight for the excavation and soil drying of over 100,000 cubic yards (cy) of soil in preparation for additional landfill construction. A retention basin was constructed from the areas where the soil was excavated. Soil was excavated and "tracked" by unit, following Ohio Environmental Protection Agency (EPA) regulations on permeability of soils for use in construction of an RSL.
- **Soils Investigation, Erie County Sanitary Landfill, Erie County Ohio.** Completed extensive investigation of soils at the Erie County Landfill. Soils work was completed for future use considerations of the soils for upcoming construction projects. Soils were sampled, logged, and shipped for analysis to a certified soils lab.
- **Geosynthetics CQA, Confidential Client, Ohio.** Served as the project team leader and the health and safety supervisor role for geosynthetics QA for approximately 90 acres of geosynthetics including geomembrane, geosynthetic clay liner (GCL), geocomposite, and geotextile.
- **Annual Operational Report, Erie County Sanitary Landfill, Erie County, Ohio.** Prepared annual operational reports for municipal solid waste facility including groundwater potentiometric mapping and capacity calculations.
- **Landfill Gas Monitoring Plan, City of Westerville Landfill, Westerville, Ohio.** Prepared a Landfill Gas Monitoring Plan for an inactive municipal solid waste landfill located within city limits, complying with Ohio EPA directives. Coordinated records search and collection of facility information related to past operations and construction-related data. Implemented the gas monitoring system and quarterly monitoring along with the final certification report to the regulatory agencies.

Hazardous Waste

- **Corrective Measures Study, CECOS Landfill, Wilmington, Ohio.** Conducted detailed field investigations as part of a corrective measures study for the closure of a RCRA- Toxic Substances Control Act (TSCA)-regulated hazardous waste landfill. Investigation activities included environmental media sampling in soil, sediment, and water for the detection of heavy metals and volatile organic compounds.
- **RCRA Facility Assessments, TruGreen Chemlawn, Moyno, RMI Sodium, Various Site Locations, United States.** Conducted visual site inspections (VSIs) for numerous RCRA facility assessments (RFA). Assessed current manufacturing operations; equipment and vehicle maintenance and cleaning operations; wastewater treatment systems (sanitary sewers, septic systems, and stormwater runoff associated with storage areas); materials storage (above/underground tanks and pipelines); storage areas, waste products, and disposal methods; and well locations and associated uses.
- **Hazardous Waste Remedial Action Program (HAZWRAP) -Related Site Investigations, Air National Guard, Ohio and Indiana.** Conducted site investigation activities following RCRA guidance procedures for HAZWRAP at Air National Guard installations in Ohio and Indiana covering spill areas, leaking underground storage tanks, and waste disposal areas. Supervised extensive drilling operations, well installations, and environmental media sampling.
- **CERCLA-Related Field Activities, Wright-Patterson Air Force Base, Dayton, Ohio.** Directed field activities for a CERCLA site at Wright-Patterson Air Force Base in Ohio. Field

activities for the $5.5- million remedial investigations/feasibility studies (RI/FS) included: soil gas survey, Level B landfill trenching and drilling, rotosonic drilling, groundwater and leachate sampling, leachate gas sampling, surface water and sediment sampling, aquifer slug testing and inspection, and geotechnical evaluation of an existing landfill cap. Coordinated efforts of up to 20 persons in relation to drilling, sampling, and other various activities on a day-to-day basis.

- **Remedial Investigation/Feasibility Study, Schatz Federal Bearing State Superfund Site, Poughkeepsie, New York.** Assisted in the RI/FS for the Schatz Federal Bearing New York State Superfund site in Poughkeepsie, New York, where polychlorinated biphenyls (PCBs), pesticides, heavy metals, and volatile organic compounds were the major contaminants of concern. Provided oversight of rock NXW wire line coring activities and installation of five bedrock and ten overburden wells.
- **PCB Soil Remediation, Confidential Chemical Plant, West Virginia.** Assisted in remediation of PCB-contaminated soil at an active chemical plant. Responsibilities included the coordination and disposal by railroad of more than 2,000 tons of PCB-contaminated material. Additional duties included coordination of excavation activities, daily reporting, and scheduling of excavation activities.
- **RFI/Corrective Measures Study (CMS) Activities for United States Army Toxic and Hazardous Materials Agency (USATHAMA), U.S. Army Depot, Kentucky.** Conducted Level B trenching through abandoned landfills as part of an RFI/CMS for the base closure of a U.S. Army Depot in Kentucky for USATHAMA. More than 3,000 samples from 400 locations were taken from the landfills and storage areas, analyzed, and entered into the USATHAMA Installation Restoration Data Management System (IRDMIS).
- **RFI/CMS Activities for USATHAMA, U.S. Army Post, Kentucky/Tennessee.** Conducted and supervised up to 20 persons daily during extensive drilling operations, including well installation and sampling, as part of an RFI/CMS for a U.S. Army Post in Kentucky/Tennessee for USATHAMA. More than 70 wells, 150 soil borings, and 5,000 samples were collected during the six-month field investigation.
- **Technical Enforcement, USEPA Region 10, Ohio.** Managed all aspects of the Technical Enforcement contract for USEPA Region 10 (TES X program) at the CECOS Landfill, an inactive hazardous waste landfill. Responsibilities included project management, costing, review of RFI, risk assessments, and CMS along with project meetings and other technical and field oversight support on behalf of the USEPA.

Site Assessment

- **Phase I Environmental Site Assessment, Confidential Munitions Manufacturer, Westerville, Ohio.** Conducted Phase I investigative work under the Ohio Voluntary Action Program (VAP) guidance and directives. Work entailed a detailed search for any records from the facility, an extensive detailed and successful search for historic aerial photos of the facility, and an extensive and successful search for former employees of the facility. On the basis of the information gathered in the Phase I, a Work Plan, a detailed Sampling and Analysis Plan, and a Health and Safety Plan were prepared for subsequent field investigations. The work is being conducted for developers who wish to build homes on the property.
- **Dewatering Project, Southerly Wastewater Treatment Plant, City of Columbus, Ohio.** Provided oversight and monitoring of a 1+ million gallon per day dewatering project, allowing construction of final wastewater clarifiers at a city sewage treatment plant. Supervised the dewatering rate and monitoring of wells within the area to ensure that the dewatering process was not impacting nearby drinking water well

- **Geoprobe Soil Boring Sampling, Confidential Industrial Client, Indiana and Michigan.** Conducted numerous Geoprobe soil boring sampling of soils and groundwater during Phase I and Phase II investigations for an industrial client at facilities located in Indiana and Michigan. The investigations were related to the sale of the facilities.
- **Phase I Environmental Site Assessments, Major Cellular Service Provider, West Virginia.** Coordinated and conducted more than 25 Phase I environmental site assessments for a major cellular phone corporation. The site assessments were conducted over a large, two-state area.
- **Pipeline Decontamination and Removal and Abandonment, Rickenbacker Air National Guard Base, Columbus, Ohio.** Cleaning, abandonment, and removal of over five miles of underground jet fuel pipeline at the Rickenbacker Air National Guard Base. Responsibilities included coordination of activities with the Air National Guard and Civilian Air Traffic Controllers, obtaining permits, and health and safety monitoring of up to 15 workers while cleaning, removing or abandoning the pipeline.
- **Research Assistance, National Science Foundation, Antarctica.** Participated in geologic, glaciologic, and geophysics research at the Reckling Moraine in the Antarctic, which was sponsored by the National Science Foundation.
- **Various projects within Ohio, Michigan, Indiana, Vest Virginia and Virginia.** Health and Safety Officer on numerous RCRA, CERCLA, industrial and governmental field jobs.
- **Geologic Mapping, Multiple Clients.** Constructed geologic maps based on field interpretations, utilizing various conventional field equipment.
- **Groundwater Monitoring, Multiple Sanitary Landfills, Ohio.** Ongoing groundwater detection monitoring, sampling, and reporting for several large sanitary landfills per Ohio EPA Solid Waste Regulations (1994).
- **Project Oversight for PCB Soil Removal and Cleanup, Confidential Client, Indiana.** Provided long-term oversight on behalf of the USEPA at a PCB soil removal and cleanup site in Indiana. Oversight consisted of review of waste manifests, air monitoring results, along with review of analytical data.
- **Phase I Environmental Audit, Confidential Municipal Client, Columbus, Ohio.** Assisted in a Phase I environmental audit conducted at a municipality's trash shredder station and trash burning power plant. Provided the audit results, recommendations and costing for additional work to be performed at the facilities.

REGISTRATIONS

Certified Professional Geologist, APIG, Registration #10786

Troxler Certified Radiation Safety Officer

TRAINING

HAZWOPER Training, 1989

NWGA Short Course: Introduction to Ground Water Geochemistry, 1994

AFFILIATIONS

Geological Society of American

National Ground Water Association

PROFESSIONAL HISTORY

LFR, Senior Project Geologist, October 2007 to present

Brown and Caldwell, Senior Geologist, December 2000 to October 2007

Metcalf & Eddy, Inc., Staff Geologist, March 1989 to December 2000

LFR an ARCADIS company

RICHARD G. KOWALSKI, CHMM, CPG, LSP

Senior Associate Hydrogeologist

soil and groundwater investigation
remediation system design
environmental site assessments
expert witness testimony

Mr. Kowalski is currently responsible for the management and the technical direction of projects that involve the assessment and remediation of contaminated soil and groundwater. His project experience includes performance and review of tank removals, soil excavation and disposal; real estate transfer assessments, comprehensive hydrogeological site assessments involving metals, petroleum and chlorinated hydrocarbons; Immediate Response Actions (IRAs); Activity and Use Limitations, the preparation of Phase I through Phase V reports under the Massachusetts Contingency Plan (MCP) and the design, implementation and operation of soil and groundwater remediation systems. Remedial designs have included pump and treat technologies for hydrocarbon and solvent recovery with treatment via air stripping and carbon absorption in conjunction with soil vapor extraction, enhanced bioremediation, and air sparging technologies to restore contaminated aquifers. Mr. Kowalski is also responsible for the design, implementation and interpretation of aquifer pumping tests, the preparation of environmental monitoring and sampling plans, Storm Water Pollution Prevention Plans and quality assurance/quality control (QA/QC) Plans.

Mr. Kowalski's other areas of expertise include the delineation of contaminant migration through fractured bedrock, the interpretation of hydrogeologic data and models in relation to contaminant fate and transport, technical report editing, groundwater pumping systems, and hydrocarbon recovery systems. Mr. Kowalski has also provided litigation support and expert witness testimony.

EDUCATION

M.S. Geology, University of Rhode Island, 1985

B.A. Geology, University of Rhode Island, 1979

A.A.S. Water Quality Monitoring, Ulster County Community College, 1977

REPRESENTATIVE EXPERIENCE

- **Emergency Response Action, Public Water Supply Aquifer.** Designed and directed the installation of a monitor well network in a public water supply aquifer for the Pascoag Utility District due to the detection of up to 400 ppm of Methyl Tertiary Butyl Ether (MTBE) in the public water supply well. The source of the MTBE was unknown. The rapid installation of these wells and the sampling and laboratory analysis of these and other existing monitor wells allowed for the rapid identification of the source of the contamination.

- **In-Situ Bioremediation, Industrial Facility.** Following the removal of an underground fuel oil storage tank from the site, field screening of a soil sample taken from a depth of 12 feet indicated that IRA under the MCP were required. Due to the depth of the impacted soils and the limitations placed on the excavation activities by the local Conservation Commission, no impacted soils could be removed. The site is located adjacent to a wetland that is located within the Zone II of a Public Water Supply Well. Following the completion of Phase I and II investigations, in-situ bioremediation was selected as the most appropriate remedial action alternative to achieve compliance with the Drinking Water Cleanup Standards which are applicable for this site. In-situ bioremediation of the aquifer was facilitated through the injection of Oxygen Release Compound (ORC®) through an array of injection points on two occasions. The site was closed with a Class A-2 Response Action Outcome (RAO) following attainment of the Method 1 Cleanup Standards for soils and groundwater on the site.
- **Emergency Response Action, Former Retail Gasoline Station.** Designed and directed the installation of a monitor well network for the State of Rhode Island Department of Environmental Management at a former retail gasoline facility located approximately 1,500 feet upgradient from a public water supply well. The water supply is partially derived from the underlying bedrock. Pumping of the water supply well has resulted in the migration of dissolved gasoline compounds into the bedrock. The installation of multi-level overburden and bedrock wells has been necessary to delineate the migration pathways and the extent of impact in the aquifer. Based on the results of the investigation, a soil vapor extraction and groundwater pump and treat system were designed, installed and is currently in operation on the site.
- **Monitoring and Extraction Well Installation, Superfund Site.** Responsible for the overall direction and quality control of this project. Project required the installation of 23 monitoring wells and five extraction wells at a Superfund site involving the use of advanced levels of personal protection (Level B) and a variety of casing advancement techniques. Wells were installed in multiple hydrogeologic strata.
- **Immediate Response Actions, Major Insurance Companies.** Immediate response actions have been completed at 22 private residences for three major insurance companies where releases of No. 2 fuel oil had occurred. Following implementation of initial IRA activities, comprehensive site investigations were completed. Remedial actions implemented on these sites have included in-situ chemical oxidation, bioremediation, soil excavation, passive and active oil recovery, groundwater pumping and wetland restoration. All sites have achieved regulatory closure. An additional 2 sites are in the process of cleanup. Oversight of cleanup activities by other remedial contractors has also been provided at 6 additional sites.
- **Immediate Response Action, Retail Gasoline Facility.** Designed and directed the installation and operation of a soil vapor extraction (SVE) system at a gasoline station where the migration of soil gas vapors to nearby residences was imminent. The system which consisted of three 20 foot horizontal extraction points, a high vacuum blower and two 2,000 pound vapor phase carbon units, recovered over 250 gallons of gasoline in its first three months of operation. The SVE system was later supplemented by a groundwater pump and treat system. The site was closed with a Class A-2 RAO after 6 years of system operation.

- **Assessment and Remediation of Chemical and Metal Contaminants.** Directed a team of hydrogeologists, environmental scientists, engineers, and technicians in the assessment of an industrial site contaminated with lead, arsenic, and chlorinated solvents. The facility, a former printing operation, used lead and chlorinated solvents in their processes. Lead dust was removed from the interior of the building through an extensive cleaning procedure followed by the application of an encapsulated sealant to all affected surfaces. Chlorinated compounds and arsenic were discovered in the groundwater beneath the facility. A groundwater remediation system was designed and installed at the site. The system consists of an array of three pumping wells, an ozonation system to precipitate iron, a sand filter with a backwash to remove the iron precipitate, a filter press to concentrate and remove the iron precipitate from the system, an ion exchange column to remove the arsenic (which may be naturally occurring in the local groundwater) and a liquid-phase carbon treatment system to remove the chlorinated compounds from the groundwater.
- **Immediate Response Action (IRA), Major Telecommunication Facilities.** Directed IRA activities during tank closure activities at three sites for a major telecommunications company. These projects included the excavation of from 10 to 400 yards of contaminated soil. Soils were screened in the field using portable instruments for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) to guide the excavation process. Results from laboratory analyses of soil and groundwater samples were used to complete RAOs for all three of the sites.
- **Bioremediation, Municipality.** Directed the design, permitting, operation and closure of the first above-ground bioremediation project approved by the Massachusetts Department of Environmental Protection. Approximately 3,200 cubic yards of soils containing No. 5 fuel oil were excavated and stockpiled on the property of the local high school. A bioremediation treatment cell was designed with an integral vacuum system, soil gas monitoring system, and a leachate collection system. The project was completed to the satisfaction of the state regulators within six months, and closure was granted.
- **Large-Scale Fuel Oil Recovery System, Industrial Facility.** Managed a team of geologists, engineers and technicians in the design, installation, operation and maintenance of an oil recovery/aquifer rehabilitation system for a major Department of Defense contractor. The project involved the design, installation and start-up of a system consisting of four recovery wells and a central water treatment system within the constraints of an aggressive work schedule. The system was activated within 14 working days in a passive mode pending the issuance of a water discharge permit by state and federal regulators. After only two months of passive recovery, followed by two months of active recovery, 195,000 gallons of fuel oil had been recovered. Over 500,000 gallons of fuel oil was recovered, representing approximately 85% of the estimated recoverable oil in the ground. The company used the recovered oil to heat their facilities.
- **Fuel Oil Remediation, Trucking Facility.** Managed a team of scientists and technicians in the operation and maintenance of a soil vapor extraction system installed by another consultant. Site monitoring activities previously completed indicated high concentrations of dissolved petroleum hydrocarbons in groundwater. The use of low-flow sampling techniques on the site indicated that the actual concentrations were one to two orders of magnitude less than previously reported. A Method 3 Risk Characterization completed for the site indicated that a condition of "No Significant Risk" to public health, welfare and the environment had been achieved. The site was closed with a Class A-2 RAO.

- **Expert Testimony, Industrial Facility.** Provided expert testimony in defense of a customer who had a suit pending against them by the owner of the property on which their facility was located. The property owner claimed that the operators of the facility on his property had contaminated it and were not completing an adequate assessment of the alleged contamination on the property. Based upon deposition given by Mr. Kowalski, the two parties settled out of court and agreed to continue with the assessment and possible remedial actions as planned by the operator of the facility.
- **Expert Testimony, Arbitration Witness, Private Homeowner Group.** Provided expert testimony and technical assistance (1996 through 2002) on behalf of a group of homeowners who had their private bedrock water supply wells impacted by petroleum contamination from a gasoline service station located along the Mass Turnpike. Mr. Kowalski also presented testimony during the arbitration for a group of plaintiffs.
- **Trial Witness, Petroleum Retail Facility.** Provided assistance to the counsel for the customer in preparation of appropriate questions for the trial and in understanding the technical aspects of the case. Mr. Kowalski presented testimony in the trial regarding the nature of groundwater and soil contamination by gasoline and on the technical aspects of the aquifer remediation system designed and installed by Mr. Kowalski on the subject property.
- **Trial Witness, Residential Site.** Provided expert testimony following the completion of a subsurface investigation for a homeowner who purchased property that was used as an unpermitted landfill by the previous owner. Presented findings of the investigation and estimated costs for site cleanup in support of the homeowner seeking compensation from the previous owner.

REGISTRATIONS/CERTIFICATIONS

Certified Hazardous Materials Manager, Institute of Hazardous Materials Management, No. 4454

Certified Professional Geologist, American Institute of Professional Geologists, No. 9318

Licensed Site Professional, Massachusetts, No. 7220

Professional Geologist, New Hampshire, No. 484

PUBLICATIONS

Kowalski, Richard G., Steve Cadorette and Stephen C. Gautie, “Naturally Occurring Arsenic in Soils: A Possible Impediment to Brownfield Development in Rhode Island,” presented at the Sixteenth Annual Conference on Contaminated Soils, held at the University of Massachusetts at Amherst, October 2000.

Shatkin, Jo Anne, and Richard G. Kowalski, 1998, “Elevated Levels of Arsenic in Central Massachusetts Soils,” Contaminated Soils, Vol. 3, Amherst Scientific Publishers, Amherst, MA.

Kowalski, Richard G., Gary S. Ezovski, Robert F. Cordeiro, and Bruce W. Clark. 1995. "Successful Application of an Aggressive Source Reduction Strategy Without Groundwater Pumping" Hydrocarbon Contaminated Soils, Vol. 5, pg 473-485, Amherst Scientific Publishers, Amherst, MA.

Wiest, Mitchell A., Erik D. Anderson, Nancy Nevins, John Thompson and Richard G. Kowalski. 1992 "The Application of a Conceptual Groundwater Flow Model to Determine Potential Impacts to a Public Water Supply Well Located Near Several Water Bodies - A Case Study" Paper presented at NGWA Focus Conference on Eastern Regional Groundwater Issues, Newton, Massachusetts, 15 October, 1992.

Heely, Douglas A., Elliot S. Werk, and Richard G. Kowalski. 1991. "Bioremediation and Reuse of Soils Containing No. 5 Fuel Oil in New England Using an Above-Ground Treatment Cell: A Case Study." Paper presented at Sixth National Conference on Hydrocarbon Contaminated Soils at the University of Massachusetts, Amherst, MA, 23-26 September 1991.

Angell, Keith G. and Richard G. Kowalski. 1990. "Decision and Risk Analysis for Environmental Remediation Work." Paper presented at Air and Waste Management Association 83rd annual Meeting and Exposition, Pittsburgh, PA, 10-12 June 1990.

Kowalski, Richard G. and David P. Sanders. "An Introduction to Hydrogeologic Investigations of Contamination in Fractured Rock," Rhode Island Water Resources Center Publication, Technical Report No. 13, March 1983.

PROFESSIONAL HISTORY

LFR Inc, Senior Associate Hydrogeologist, 2004 to present

Lincoln Environmental, Inc., Senior Hydrogeologist/Vice President, 1993 to 2004

Groundwater Technology, Senior Hydrogeologist/District Manager, 1983 to 1993

LFR an ARCADIS company

DOUGLAS M. LINDSAY, P.G.

Senior Project Geologist

hydrogeologic investigations
project management
LSP MCP services
soil and groundwater management

Mr. Lindsay has over 12 years of experience involving subsurface and hydrogeologic investigations, contaminated soil and groundwater management, state and federal regulatory compliance, environmental remediation programs, and American Society for Testing and Materials (ASTM) due diligence. Related projects have included the management of extensive state and federal environmental investigations, subsurface soil and groundwater precharacterization programs, asbestos assessments, lead paint screening, radon sampling, and soil, groundwater, and ambient air field screening. Mr. Lindsay has also conducted groundwater elevation surveys, fate and transport modeling, groundwater and surface water sampling, soil sampling, and soil gas sampling.

Mr. Lindsay has supervised and managed numerous projects simultaneously including operation and maintenance (O&M) of groundwater remediation systems, construction project management, contaminated soil and groundwater management, soil vapor extraction systems, dewatering systems, risk assessments, underground storage tank removals, and Massachusetts Contingency Plan (MCP) regulatory reports. Mr. Lindsay is also involved with researching and evaluating environmental liabilities and determining the cost/benefit analysis associated with applicable remedial measures. Mr. Lindsay manages field staff personnel on the completion of multiple projects.

EDUCATION

B.A. Environmental Science, Boston University, 1995

The School for Field Studies, Rainforest Ecology, Belize, Central America

REPRESENTATIVE EXPERIENCE

- **Subsurface Investigation, Soil Management and Regulatory Closure, Worcester, Massachusetts.** LFR was retained by a private developer for the proposed construction of a retail pharmacy on a property formerly occupied by a truck fueling terminal and lumber yard. Mr. Lindsay oversaw the completion of an ASTM Phase I Environmental Site Assessment and Phase II Subsurface Investigation to investigate potential impacts from former gasoline and diesel fuel aboveground and underground storage tanks. A total of 35 soil borings and 6 monitoring wells were completed to evaluate the nature and extent of soil and groundwater contamination. Based on the results of the sampling data, Mr. Lindsay coordinated the removal of 50 cubic yards of petroleum-contaminated soil for off-site recycling. Results of a site-specific risk characterization concluded that a condition of no significant risk existed. Mr.

Lindsay prepared a Class A-2 Response Action Outcome (RAO) in closure report accordance with the MCP.

- **Construction Management, Soil Disposal Coordination and Tank Removal Activities, Kuss Middle School, Fall River, Massachusetts.** LFR was retained by an earthwork contractor to provide construction management activities and soil disposal coordination during excavation activities associated with the construction of a new middle school building. The property was formerly occupied by textile mill buildings and previous soil sampling results identified contaminated urban fill material which required off-site disposal. During soil excavation activities a 1,000-gallon abandoned underground storage tank was discovered. Mr. Lindsay supervised the removal of the tank, arranged for disposal of the tank and associated soil, and prepared a tank closure report in accordance with tank closure guidance and the Massachusetts Contingency Plan. Mr. Lindsay characterized and coordinated the removal of 1,570 tons of urban fill soils to a Massachusetts Unlined Landfill and a soil recycling facility.
- **MCP and US EPA TSCA Site Closure, Hingham Shipyard – East Side Fill Area, Hingham, Massachusetts.** At the request of a private developer, LFR was retained to delineate and remove PCB-contaminated soil from an area proposed for future residential development. Following the submittal of a US EPA-approved Self-Implementing Plan and a MassDEP-approved Release Abatement Measure (RAM) Plan, Mr. Lindsay oversaw a soil precharacterization program designed to select off-site disposal facilities for the PCB soil. Confirmatory soil samples were collected from test pits at 10-foot sampling frequencies to delineate areas of PCBs containing either greater than or less than 50 mg/kg. Discrete soil samples were collected and analyzed for PCBs in the field with a US EPA-conditionally accepted Dexsil L2000 DX screening instrument. In addition, two overburden and two bedrock groundwater monitoring wells were installed and sampled to assess groundwater conditions. Following the removal of 6,910.13 tons of greater than 50 mg/kg PCB soils and 8,240.47 tons of non-hazardous PCB soil, a site-specific risk assessment concluded that remaining PCB concentrations in soil were below the most-stringent residential cleanup criteria. Mr. Lindsay prepared a Completion of Self-Implementing Plan report and a RAM Completion and Class A-2 RAO report.
- **Precharacterization Program, Readville 5 MBTA Yard, Dedham, Massachusetts.** LFR was retained by a developer interested in constructing residential properties on a former 40-acre rail yard. Mr. Lindsay assisted in the development of a soil precharacterization sampling plan in accordance with MassDEP protocol. Mr. Lindsay supervised a total of 250 test pits in GPS-surveyed locations over a two-week period. As part of the management plan, 900 soil samples were field screened in-situ for RCRA 5 metals with an XRF instrument. The depth of fill material was determined at each location and concentrations of arsenic and lead were presented through 3-D visualization software to the client. Construction management and soil remediation alternatives have been presented at public meetings and will be implemented following public and MassDEP comment.
- **Precharacterization Program, JFK School, Waltham, Massachusetts.** Prior to overseeing field activities, Mr. Lindsay prepared a Soil Management Plan, Construction Materials Management Plan, and a worker Health & Safety Plan for construction activities. Following numerous meetings with the client, Mr. Lindsay identified and selected areas to be sampled as part of a large-scale soil characterization program involved with the redevelopment of the JFK Middle School. A total of 25 test pits were excavated in areas proposed for excavation for foundations and subsurface utilities. Soil quantities were calculated and determined to be

either regulated or unregulated materials. In order to meet stringent project deadlines, facility approvals were expedited and materials transported off-site were managed and documented. A total of 4,500 cubic yards of soil was transported to unlined landfills.

- **Underground Storage Tank Closures and Immediate Response Action, Charlestown, Massachusetts.** Prior assessments performed by LFR had identified the potential for historic USTs at a former rubber manufacturing facility. Since the facility was proposed for residential development, Mr. Lindsay supervised the completion of a supplemental subsurface investigation. Following the identification of two 'benzol' USTs through a GPR survey, a closure strategy was implemented to meet client and MassDEP expedited deadlines. Following MassDEP approvals, an immediate response action was undertaken in response to petroleum contamination in the vicinity of the USTs. Mr. Lindsay oversaw the removal and disposal of the USTs and contaminated soil and groundwater in accordance with the MCP. Mr. Lindsay prepared a response action outcome closure report for site closure in accordance with the MCP.
- **Precharacterization Programs, Logan International Airport, East Boston, Massachusetts.** Mr. Lindsay oversaw four separate soil and groundwater precharacterization programs associated with the redevelopment of the Terminal A area. Activities included supervising the advancement of 80 soil borings and test pits, the installation of monitoring wells, and the collection of 200 soil and groundwater samples. Laboratory analysis results were utilized to characterize the soils and select the most appropriate, cost-effective disposal facilities for the soils. Mr. Lindsay was also responsible for managing field staff and prepared comprehensive reports documenting the findings of the investigations. A total of 270,000 tons of soil was characterized, removed, and transported to 23 Massport and MassDEP-approved facilities. Detailed coordination with the client, subcontractors, and state officials was necessary to complete the project in an organized and timely manner. Additional responsibilities included spill management, health and safety oversight, air sampling, and the operation of temporary groundwater treatment systems for isolated jet-A fuel-impacted areas.
- **Soil Disposal Management/Subcontractor Coordination, Former Mystic Station Power Generating Facility, Everett, Massachusetts.** A total of 60,000 tons of No. 6 oil-contaminated soil and 30,000 tons of urban fill material was excavated and removed from the facility throughout the project's demolition phase. Activities included coordination with seven asphalt batching facilities, two landfills, and several transportation companies. Mr. Lindsay also assisted in the pre-characterization of excavated soil to determine proper off-site disposal alternatives. Continuous management of soil volumes and contractor invoices was necessary to expedite the soil removal process and reduce delays to the project.
- **Tidal Study, Former Mystic Station Power Generating Facility, Everett, Massachusetts.** Mr. Lindsay completed a study involving the effect of tidal fluctuation on groundwater elevation in the vicinity of a large soil excavation and two one-million-gallon bulk fuel oil tanks. The tidal data and its effect on groundwater elevation were used to assess the stability of the supporting matrix beneath the bulk oil tanks. The data assisted in the determination of the type of engineering needed to protect the structural integrity of the fuel oil tanks during planned soil excavation located adjacent to the tanks. By including the tidal fluctuation data, excavation in the immediate vicinity of the tanks was conducted without jeopardizing the tanks or causing delays to the project.

- **Multiphase Investigation, Stoughton, Massachusetts.** In order to bring the property into compliance with the MassDEP, Mr. Lindsay completed an MCP Phase I and Tier Classification to address eight areas of concern. Each area of concern was associated with a release of petroleum compounds and lead from the former use of the Site as an asphalt batching facility. Existing soil and groundwater analysis data, soil removal quantities, and previous RAM Plans completed by others were used to delineate the existing areas of contamination and propose remedial alternatives. The primary sources of subsurface impacts were attributed to asphalt fill material, liquid asphalt tanks, buried drums, and a dry well. The property was classified as a Tier II disposal site and response actions were completed under a new RAM Plan which included oxygenate injections, petroleum-contaminated soil removal, and natural attenuation monitoring. A partial RAO closure report was prepared for seven of the eight areas of concern and natural attenuation monitoring of one area is ongoing.
- **PCB Release Abatement, Former Edgar Station, Weymouth, Massachusetts.** Mr. Lindsay delineated the extent and distribution of high concentrations of PCBs impacted soil and groundwater beneath several former transformers at the facility. In accordance with US EPA TSCA regulations, activities included on-site, quantitative PCB field screening of soil, groundwater, and surface wipe samples, supervision of soil excavation, and management of soil transportation to select soil disposal facilities. Several thousand tons of PCB-impacted soil was removed, risk to on-site workers was eliminated, and future project demolition milestones were completed on schedule.
- **Multiphase Investigation and Remedial Operation Status, Sharon, Massachusetts.** Mr. Lindsay conducted a Phase I and a Phase II Comprehensive Site Assessment at a former manufacturing facility. Activities included the calculation of groundwater flow and determining the extent and distribution of chlorinated solvents in groundwater. Mr. Lindsay assisted in source area location, fate and transport – mass flux calculations, and risk assessment. As part of a Phase III study, remedial alternatives were proposed to comply with stringent drinking water standards applicable to the property. Because natural attenuation and monitoring were determined to be the most cost-effective alternatives, a Phase IV Remedy Implementation Plan and Phase V Remedial Operation Status were prepared and submitted to the MassDEP. Semi-annual groundwater monitoring and status reports are generated for client and MassDEP review.
- **Multiphase Investigation, Stoughton, Massachusetts.** Mr. Lindsay completed a Phase I Site Assessment at a former trucking facility. Activities included the review of prior U.S. Environmental Protection Agency (U.S. EPA) CERCLA investigations, identification of an underground storage tank, and completion of a Tier Classification for the property. A Phase II Comprehensive Site Assessment completed by Mr. Lindsay included the installation of several soil borings and monitoring wells and removal of an underground storage tank and impacted soil in order to delineate subsurface impacts. A Method 3 risk characterization was completed utilizing all existing site data and an RAO closure report was completed.
- **RAOs and Activity and Use Limitations (AULs), Cambridge, Massachusetts.** Several subsurface investigations designed to delineate the extent of urban fill material were supervised by Mr. Lindsay on six parcels of industrial land in Cambridge. At each parcel, site-specific risk characterizations followed by the preparation of separate Activity and Use Limitations restrictive of current and future site uses were completed in order to effectively 'close' the parcels under the MCP.

- **Phase I and Phase II Environmental Investigations, Mesa, Arizona.** Mr. Lindsay completed Phase I and Phase II environmental investigations at a dry cleaning facility and oversaw several Geoprobe borings. Based on soil sampling results, a risk characterization was conducted in order to bring the property into compliance with State of Arizona regulations.
- **Corrective Action Plan and Underground Storage Tank Removal, Alexandria, Virginia.** Mr. Lindsay monitored and maintained a groundwater petroleum extraction system for two years at an active trucking facility. After supervising the dismantling of the groundwater extraction system, over 900 tons of petroleum-contaminated soil was removed and the property was closed in accordance with Virginia regulations.

REGISTRATIONS/CERTIFICATIONS

Professional Geologist, New Hampshire, No. 590

Massachusetts Asbestos Inspector Training

Hazardous Materials Transportation Training and Testing – US DOT

OSHA HazWOPER and Emergency Response Training – 40-hour and Annual 8-hour Refreshers

Niton X-Ray Fluorescent Analyzer (XRF) Certified

PROFESSIONAL HISTORY

LFR, Inc., Senior Project Geologist, April 1999 to present

Ransom Environmental Consultants, Inc., Project Geologist, July 1995 to April 1999

LFR an ARCADIS company

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