LFR an ARCADIS company

December 24, 2009 010-15317-14

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

Subject: Phase I Environmental Site Assessment
MLC ID 1306-1
PCC Validation Center
200 South Boulevard West
Pontiac, Michigan

Dear Mr. Hare:

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

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

Sincerely,

Stephen P. McCarthy
Principal Scientist

Attachments

781.356.7300 m
781.356.2211 f
194 Forbes Road
Braintree, Massachusetts 02184
Offices Nationwide
www.lfr.com

Phase I Environmental Site Assessment
MLC ID 1306-1
PCC Validation Center
200 South Boulevard West
Pontiac, Michigan

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LFR Project No. 010-15317-14

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

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

LFR an ARCADIS company

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

Report Prepared By:

For

Stephen P. Zins, LPG
Senior Geologist

Report Reviewed By:

Douglas M. Lindsay, PG, LSP
Senior Geologist

EXECUTIVE SUMMARY

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the PCC Validation property located at 200 South Boulevard West, Pontiac, Michigan (the Site). The Site consists of approximately 133 acres of land. The Site was formerly occupied by four manufacturing plants, Plants 1, 3, 4 and 5. Currently, the Site is occupied by Building 30, an office building, paved and gravel parking areas and landscaped areas.

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

- At the time of LFR's Site visit, the Site was primarily a vacant parcel covered with gravel and asphalt pavement and concrete building slabs and was occupied with an office building and long rectangular one-story building referred to as Building 30. According to historical documentation, the Site was initially developed in 1906 with subsequent buildings and additions over the years. All of the buildings with the exception of those discussed above have been razed and operations ceased in 2005.

  Historical manufacturing operations at the Site included metal finishing (plating, phosphating, pickling, heat treat, and painting), stamping, machining, grinding, polishing, solvent and oil storage, and several other manufacturing processes which resulted in the generation of hazardous and non-hazardous waste accumulation, handling and storage as well as the use and storage or raw petroleum product and solvents in both aboveground storage tanks (ASTs), underground storage tanks (USTs), and drums. In addition, process wastewater was historically collected and conveyed throughout the Site in several underground trenches which included sumps and pits.

  Based on the historical operations, a number of previous investigations have been completed at the Site. The Site was issued a Low Corrective Action Priority Status on September 27, 1991. A number of remediation and RCRA closures of sub-areas have been achieved including tank removals, excavation, in-situ and ex-situ thermal treatment.

- Plant 1 was purchased from the Rapid Motor Company in 1906, demolished in 1984, and is now CVO Parking and Product Vehicle Parking areas (located in the north portion of the Site). Based on the Phase I Environmental Site Assessment (ESA) performed by CRA in 2006, historical operations conducted at Plant 1 included metal finishing (plating, phosphating, pickling, heat treat, and painting), stamping, machining, grinding, polishing, solvent, and oil storage, and several other manufacturing processes. Additionally, several USTs and transformer substations were identified within the former Plant 1 area, along with a tunnel leading from a former adjacent Consumers Power Company facility. Building slabs and foundations reportedly remain beneath the existing parking areas.

- GM acquired the former Plant 3 (located in the southwest portion of the Site) from the Wilson Foundry Company (Wilson) in 1940. According to historical documentation Plant 3 was used by Wilson to manufacture motors and castings. Historical GM operations included paint mixing, paint booths/ovens, a phosphate line, and hazardous waste storage. More recently, Plant 3 was referred to as the "Paint Shop," serving the entire complex. Plant processes included: color painting, an 8-stage phosphate process located in the northeast corner; electrophoretic priming operations (ELPO) with a dip tank centrally located along the western portion of the building; and paint storage and mixing operations in the basement along the south wall. A former Powerhouse (Building 13), and former buildings 12, 14 and 35 were located to the west of Plant 3.
- The former Plant 4 (located in the southeast corner of the Site), reportedly acquired by GM from Wilson in 1937, consisted of Buildings 20, 25, 31 and 37. According to available information, Building 20 contained a spray booth and large in-ground conveyors. More recent operations have included a small test spray booth, plant maintenance, a lubricating oil fill station, an enclosed oil drum storage area, and small parts storage. Building 25 was used for material storage until the early 1970s at which time is was converted to the G-Van body shop. More recently, Building 25 was utilized for welding operations. Historical operations at Building 31 have included a spray booth, material storage, and assembly for school buses. Building 31 was also used for storage, shipping/receiving, quality assurance/quality control laboratories, and plant maintenance and miscellaneous repairs. Building 37 was previously used for assembly operations and as a body shop, and most recently, Building 37 has been used for equipment storage and maintenance activities.
- GM reportedly acquired the former Plant 5 (located in the south-central portion of the Site) from Wilson in 1965. According to documentation reviewed by CRA, historical operations have included the manufacturing of motors and castings, and machining operations. Most recently, GM used Plant 5 for the final assembly of small and mid-sized trucks.
- Building 30 is located in the northeast corner of the Site and was constructed between 1964 and 1968. Building 30 is a long, rectangular one-story structure with high bay ceilings. While historical uses are unknown, the structure was used most recently for railcar loading/unloading operations and temporary parts/equipment storage, with railcars entering the north end of the building.
- A switchyard and primary house owned by Detroit Edison were previously located directly north of Plant 5, which included an industrial wastewater lift station. The industrial wastewater lift station included six large underground storage vaults. Wastewater was periodically pumped via five underground sewers to a neighboring GM facility (Pontiac Assembly Center (PAC) for treatment.
- Four fuel ASTs were located in a tank farm north of the industrial wastewater lift station. The tanks stored gasoline and diesel fuel used to supply the adjacent dispensing pump, which dispenses fuel to company vehicles.

- A Waste Management Area (WMA) was historically located adjacent to the north of the tank farm. This structure was used to store hazardous waste (up to 90 days) and non-hazardous waste prior to removal from the Site for disposal and for cleaning of empty drums. The structure was constructed on a sealed concrete containment pad with a self-contained spill collection sump, and was enclosed by a concrete curb with an access ramp.
- Soil remediation was performed between 1995 and 1997. The Michigan Department of Environmental Quality released GM from further closure requirements in a letter dated April 21, 1998, and thereby GM was no longer required to demonstrate financial assurance and liability coverage for the units. A notification was made on January 22, 2003 for the Site under Part 148 of Michigan Act 451 for performing a Process Risk Management – Self-Evaluation audit. A risk evaluation was performed and concluded that historical xylene concentrations in the soil and chloromethane concentrations in light non-aqueous phase liquid (LNAPL) presented a potential for significant worker exposure near former Building 17.

  In 2006, 22 potential areas of concern (AOCs) were identified. These AOCs were further assessed which included the installation of 95 soil borings, 35 monitoring wells and 4 test pits as well as the collection and analyses of numerous soil and groundwater samples. A direct push/laser-induced fluorescence (LIF) survey was also conducted to delineate the main plume. Although some impacts to soil and groundwater were reported including polychlorinated biphenyls (PCBs), chlorinated volatile organic compounds (CVOCs) and LNAPL, it was concluded that with the exception of the LNAPL areas, the detections did not present a significant risk. However, only two of four locations where LNAPL detections were identified have been delineated.
- At least 11 USTs were historically present in the vicinity of former Plant 1. It is not known whether the tanks have been removed from the Site; however, the UST area has been addressed in several environmental investigations performed at the Site.
- Several labeled and unlabeled drums were observed in Building 30. The drums are associated with on-going LNAPL recovery at the Site. No staining was observed in the vicinity of the drums.
- Three ASTs with capacities of less than 500 gallons were observed inside Building 30 near the southwest corner. The ASTs were located inside a locked chain link area and reportedly contain diesel fuel and gasoline. No evidence of staining was observed in the vicinity of the ASTs. Other ASTs were recently removed from the Site and included three 5,000-gallon ASTs and one 1,500-gallon AST which had contained gasoline and diesel fuel.
- A trench drain was observed in Building 30. The flooring was heavily stained and covered with oil absorbent. Process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. The pits, sumps, and trenches associated with former Plant 1 have been reportedly backfilled and paved with asphalt.

Conclusion

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 200 South Boulevard West, Pontiac, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed evidence of RECs in connection with the Site which include the following:

- Two of four locations where LNAPL detections were identified have been delineated. A plume of approximately 10,000 square feet in size has been identified and is centered in the vicinity of well MW69-08. A smaller product plume (approximately 1,000 square feet in size) has also been identified and is centered in the vicinity of well MW33-07. Since April 2008, extraction has been conducted from the larger of the two plumes at a rate of about one gallon per month. Continuation and/or enhancement of mass removal should proceed as long as recoverable product accumulates in the wells.
- In boring BH79-08 and boring BH72-08, presence of NAPL has been detected during CRA's phase II investigation. Of concern is particularly the area near BH72-08, where LNAPL has been confirmed and PCBs are present in soil at the depth of groundwater. These two NAPL sites require further characterization to determine lateral and vertical extent of the spills and assess their mobility through the subsurface.
- A trench drain was observed in Building 30. The flooring was stained and covered with oil absorbent.
- At least 11 USTs were historically present in the vicinity of former Plant 1. It is not known whether the tanks have been removed from the Site; however, the UST area has been addressed in several environmental investigations performed at the Site.

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1.0 INTRODUCTION

LFR Inc. (LFR) performed a Phase I Environmental Site Assessment (ESA) of the PCC Validation property located at 200 South Boulevard West, Pontiac, Michigan (the "Site"). The Site consists of approximately 80 acres of land. The Site was formerly occupied by four manufacturing plants, Plants 1, 3, 4 and 5. The Site is primarily a vacant parcel covered with gravel and asphalt pavement, concrete building slabs and occupied with a long rectangular (approximately 60 feet by 400 feet) building referred to as Building 30, an approximately 3,000-square foot office building paved and gravel parking areas and landscaped areas.

1.1 Purpose

Motors Liquidation Company (the Client) requested that LFR conduct a Phase I ESA of the Site. The objective of the ESA was to identify RECs in connection with the property, to the extent feasible pursuant to the processes prescribed in American Society for Testing and Materials (ASTM) E 1527-05 guidelines. The term "REC" as defined by the ASTM is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or the material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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

1.2 Detailed Scope of Services

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

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

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

1.3 Significant Assumptions

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

1.4 Limitations and Exceptions

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

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

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

1.5 User Reliance

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

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

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

Refer to Figure 1 for the location of the Site.

2.2 Site and Vicinity General Characteristics

The Site is a 80-acre irregular-shaped tract of land that is situated in a mixed commercial, industrial, and residential area on the south side of Pontiac. Commercial and industrial properties are located along the major roads, with residential areas situated on the secondary roads in the area.

2.3 Current Use of the Site

The Site is currently occupied by a vacant office building, a vacant warehouse referred to in this report as Building 30, a gravel and asphalt-paved parking lot at the northern and central portions, and by landscaped areas. Concrete slabs and subgrade foundations from the former buildings reportedly remain beneath existing paved parking areas.

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

The Site is currently occupied by a vacant office building and Building 30. Concrete slabs from former buildings were observed at the Site. Former basement and pit slabs have been backfilled.

The Site is connected to the municipal sewer and water utilities and electrical utilities. Refer to Figure 2 for a plan depicting the layout of the Site.

2.4.1 Source of Potable Water

The City of Pontiac provides drinking water to the Site.

2.4.2 Sewage Disposal System

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

2.4.3 Heating/Cooling Systems

The office building is heated with natural gas and cooled via central air conditioning units.

2.4.4 Solid Waste Disposal

Solid waste is no longer generated at the Site. However, a dumpster was observed south of Building 30.

2.5 Current Uses of Adjoining Properties

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

- The Site is abutted to the north by the Grand Trunk Western railroad easement and four commercial properties on Woodward Avenue (formerly South Saginaw Street). Rapid Street also abuts the northernmost portion of the Site and intersects with Woodward Avenue.
- The Site is abutted to the west by Franklin Avenue, across which are single-family residences.
- The Site is abutted to the south by South Boulevard, across which are the former PCC Validation employee parking area and single-family residences.
- The Site is abutted to the east by the Grand Trunk Western railroad easement and Woodward Avenue, between which are commercial properties along a portion of this side of the property.

3.0 USER-PROVIDED INFORMATION

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

3.1 Title Records

Title records were not provided to LFR for review.

3.2 Environmental Liens or Activity and Use Limitations

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

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

3.3 Specialized Knowledge

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

- Does he have any specialized knowledge or experience related to the property or nearby properties? For example, are they involved in the same line of business as the current or former occupants of the property or an adjoining property so that they would have specialized knowledge of the chemicals and processes used by this type of business? **Answer:** Yes. Information relative to previous subsurface investigations at the Site has been made available.
- Is he aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User, **Answer:** Yes. Information relative to previous subsurface investigations at the Site has been made available.
- Does he know the past uses of the property? **Answer:** Yes. Information relative to previous subsurface investigations at the Site has been made available.
- Does he know of specific chemicals that are present or once were present at the property? **Answer:** Yes. Information relative to previous subsurface investigations at the Site has been made available.
- Does he know of spills or other chemical releases that have taken place at the property? **Answer:** Yes. Information relative to previous subsurface investigations at the Site has been made available.
- Does he know of any environmental cleanups that have taken place at the property? **Answer:** Unknown
- Does he know if any fill materials have been imported to the Site? Answer: Yes. Soil has been imported to the Site from the nearby GM Pontiac North Campus property which is a Michigan NREPA Part 201 “facility”. . A “Notice of Soil Relocation” was submitted to the MDEQ on April 3, 2007 to import soil from the GM Pontiac North Campus property since the soil data at each property was determined to be similar.

- Does he know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown
- Does he know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Answer:** Unknown
- Does he know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? **Answer:** Unknown

3.4 Commonly Known or Reasonably Ascertainable Information

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

- Based on his knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? Answer: Yes. Information relative to previous subsurface investigations at the Site has been made available.

3.5 Valuation Reduction for Environmental Issues

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

3.6 Owner, Property Manager, and Occupant Information

According to the Oakland County Assessor's Office, the Site is owned by GMC Truck Group, a former division of General Motors Corporation. The Site is managed by Motors Liquidation Company (renamed GMC).

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 satisfy All Appropriate Inquiry.

4.0 RECORDS REVIEW

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

4.1 Historical Use Information

4.1.1 Previous Environmental Reports

The following environmental reports and plans were provided to LFR for review.

- October 1, 2006, Conestoga-Rovers & Associates (CRA), Phase I Environmental Site Assessment. CRA was retained by Environmental Corporate Remediation (ENCORE) at the direction of GM Legal Counsel, to complete a Phase I ESA of the Pontiac Centerpoint Campus – Validation Center (PCC VC). Based on the Phase I ESA, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, the following were identified as Potential Areas of Environmental Concern (PAOCs) at the Site:

  Historical Operations – Former Plant 1; Historical Operations – Plants 3, 4, and 5; Historical Adjacent Properties; USTs – Former Plant 1; USTs - Plant 3; USTs – Plant; UST – Plant 5; Former Incinerator; Tunnels; Former Powerhouse; Surficial Scarring; Bare Soil Area; Waste Management Area (WMA) South of Plant 3; AST Farm at Plant 1; Bulk Loading/Unloading Areas; Former Foundry Sand; WMA at Plant 1; Former Wastewater Treatment; Former Transformers, Substations, and Large Capacitors; Wastewater Lift Station and Process Lines; Paint Mix Rooms.

  Based on the POACs, CRA identified the following potential areas of release (PAOR): Below grade Pits, Trenches, Conveyors, and Sumps; ASTs; WMAs; and Releases to Sewers. Other potential environmental issues were identified at the Site included: no PCB – Survey; Asbestos-Containing Materials (ACM); and Lead-Based Paint (LBP). The CRA PAOCs and POARs are shown on Figure 2B.

- January 18, 2008, ENCORE Project Summary Form; This form summarizes the general site information; regional information regarding topography, geology, hydrogeology and hydrology; site project teams; area/units of concern which stated that a Phase II ESA was underway; and long term goals for the Site.

- December 9, 2008, Conestoga-Rovers & Associates, Locations of PAOCs/PAORs Plan; Site plan showing PAOCs/PAORs.

- December 19, 2008, Soil and Groundwater, and LNAPL Data Evaluation, Environ; ENVIRON performed a data screening and risk evaluation using the existing soil, groundwater, and LNAPL data collected at the GM Pontiac Validation Center in Pontiac, Michigan (Site) to identify potentially significant current and future exposures. Potential routine worker, maintenance worker, and construction worker exposures to soil, groundwater, and LNAPL were evaluated based on an understanding that GM intends to use a deed restriction to restrict future land use at the Site to commercial/industrial. Based on the results, the soil, groundwater, and LNAPL data used in the evaluation did not indicate a potential for significant worker exposures at the Site, except for xylene concentrations in soil south of Building 17 and chloromethane concentrations in LNAPL north of Building 17.

- March 11, 2009, Conestoga-Rovers & Associates, Site Location Map; Topographic site location map.
- March 31, 2009, Conestoga-Rovers & Associates, Completed Investigative Locations –North Parcel; Aerial photograph, Figure 2.1
- March 31, 2009, Conestoga-Rovers & Associates, Completed Investigative Locations –South Parcel; Aerial photograph, Figure 2.2,
- March 31, 2009, Conestoga-Rovers & Associates, Location of Geologic Cross Sections; Aerial photograph, Figure 3.1,
- April 1, 2009, Conestoga-Rovers & Associates, Phase I ESA Report; CRA was retained by ENCORE, at the direction of GM Legal Counsel, to complete a Phase I ESA of the north parcel of the former GM PVC located at 200 South Boulevard West in Pontiac, Michigan, Site. Based on the Phase I ESA, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, the following were identified as Potential Areas of Concern (PAOCs) at the Site: Historical Operations – Former Plant 1; Historical Adjacent Properties; USTs; Bare Soil Area; Bulk Loading/Unloading Areas; and Waste Management Area (WMA) at Plant 1. Based on the Phase I ESA, the following were identified as PAORs at the Site: Below grade Pits; Trenches; Conveyors, and Sumps; ASTs; Adjacent AST Farm; Asbestos-Containing Materials (ACM); and Lead-Based Paint (LBP).
- June 1, 2009, Conestoga-Rovers & Associates, Phase II Environmental Site Assessment; CRA was retained by ENCORE, at the request of GM Legal Staff, to complete a Phase II ESA, at the GM PVC, located in Pontiac, Michigan. The Phase II ESA was performed to further investigate PAOCs identified during the Phase I ESA completed by CRA. Based on the results of the Phase II ESA the following summary has been made:

    - A total of 29 soil borings (including 10 fill investigation soil borings) were advanced at the Site. Of the 29 soil borings, eight were converted into monitoring wells;

    - Site geologic setting is primarily dominated by a sand and gravel fill layer, underlain by native clay/silt glacial deposits (i.e. aquitard), underlain by bedrock;

    - The water table is found at depths from approximately 1.5 to 18.5 feet bgs within the fine-grained material and the sand layers of the clay/silt glacial deposits;

- PAOCs 1 and 3 – Historical Site Operations and Adjacent Properties**:** Based on the ENVIRON screening, metals were detected in monitoring wells MW10-07 and MW11-07 at concentrations exceeding the selected MDEQ Part 201 criteria. PCBs and TCE were detected in groundwater at monitoring well MW2-07 at a concentration exceeding the selected MDEQ Part 201 criteria;

- PAOC 4 – USTs – Former Plant 1**:** Based on the ENVIRON screening, arsenic was detected in soil at soil boring BH92-08 at a concentration exceeding the selected MDEQ Part 201 criteria;

- PAOC 12 –Bare Soil Area**:** Based on the ENVIRON screening, lead was detected in soil at soil boring MW13-07 at a concentration exceeding the selected MDEQ Part 201 criteria; and

- The ENVIRON risk evaluation concluded that the soil and groundwater data used in the evaluation do not indicate a potential for significant worker exposures at the Site.

The Site was issued a low corrective action priority status on September 27, 1991. A number of remediation and RCRA closures of sub-areas have been achieved including tank removals, excavation, in-situ and ex-situ thermal treatment. The last remediation occurred in 1995 (RCRA Closure Certification Report, prepared by The Dragun Corporation, dated December 12, 1995).

Between 1995 and 1997, approximately 13,210 cubic yards of impacted soil was excavated and treated on-site (low temperature thermal desorption) or disposed of off-site. The MDEQ released GM from further closure requirements in an April 21, 1998 letter, and thereby GM was no longer required to demonstrate financial assurance and liability coverage for the units. A notification was made on January 22, 2003 for the Site under Part 148 of Michigan Act 451 for performing a Process Risk Management – Self-Evaluation audit. ENVIRON performed this risk evaluation and concluded that "the soil, groundwater, and LNAPL data used in the evaluation do not indicate a potential for significant worker exposures at the Site, with the exception of historical xylene concentrations in the soil south of former Building 17 and chloromethane concentrations in LNAPL north of former Building 17".

During CRA's Phase I ESA in 2006, 22 potential areas of concern (PAOCs) were identified. These PAOCs were further assessed during the Phase II ESA, which included the installation of 95 soil borings, 35 monitoring wells and 4 test pits as well as the collection and analyses of numerous soil and groundwater samples. A direct push/laser-induced fluorescence (LIF) survey was also conducted to delineate the main plume. Although some impacts to soil and groundwater were reported including PCB), chlorinated volatile organic compounds (CVOCs) and LNAPL, it was concluded that with the exception of the LNAPL areas, the detections did not present a significant risk.

Only two of four locations where LNAPL detections were identified have been delineated. A plume of approximately 10,000 square feet in size has been identified and is centered around MW69-08. A smaller product plume (approximately 1,000 square feet in size) has also been identified and is centered around MW33-07.

4.1.2 Historic Map Review

LFR reviewed Sanborn Fire Insurance (Sanborn) maps provided by EDR for the years 1909, 1915, 1924, 1950, and 1970.

The 1909 Sanborn Map only depicts coverage of the northern portion of the Site. Rapid Motor Company, Makers of Commercial Power Wagons, is depicted on the northeast corner of the Site. Rapid Motor Company operations consist of heat treating, woodworking, motor testing and assembly. Rapid Street is depicted immediately north of the Site beyond which is a powerhouse facility labeled as coal, boilers and engine room. South Saginaw Street is depicted to the east of the Site along with two rail spurs, Grand Truck Railroad (GTRR). Several residences and associated garages are depicted between the GTTR and South Saginaw Street. West Wilson Street (formerly West Foot Avenue) transects the northern and southern portions of the Site. Coverage is not available south of West Wilson Street or west of the Site.

The 1915 Sanborn Map depicts the Site as General Motors Truck Company (GM Truck), manufacturers of gasoline and electric trucks. Facilities on the Site consisted of machine shops, storage areas, and paint shops. The properties east of the Site are essentially unchanged from the 1909 Sanborn Map. The southern area of the Site consists of residences and a grocery store. South of the Site is West Wilson Avenue (formerly West Foot Avenue) which transects the Site into north and south portions, beyond which is residential units and commercial/industrial properties including: Pontiac Drop Forge Company (PDFC), Flander's Electrical Company Incorporated and the Wilson Foundry and Machine Company (Wilson Foundry). The Sanborn Map indicate the presence of an oil house, an acid house, and a 5,000-gallon fuel oil tank located to the northwest of the PDFC property. The properties to the north of the Site are depicted as residential and commercial properties, as well as the Pontiac Power Company - Electric Light Plant. Northeast of the Site, across South Saginaw Street is The Monroe Body Company (MBC). Southeast of the Site beyond South Saginaw Street are Northway Motors and Manufacturing Company (Northway), and M.D. Hubbard Spring Company (Hubbard).

The 1919 Sanborn Map depicts the Site as GM Truck Company Division and contains one residential dwelling. Several buildings were expanded and the Site now has a Test House. A 12,000-gallon gasoline tank is depicted in the central portion of the Site. Fire Department Station No. 2 and residential dwellings are present on the southeast portion of the Site. The area south of the Site is bordered by West Wilson Avenue, and beyond by residential dwellings and various commercial and industrial properties. Northwest of the Site, PDFC property contains a 5,000-gallon fuel oil tank, and to the southeast there are four 9,500-gallon fuel oil tanks. The properties to the northeast and southeast appear essentially unchanged from the 1915 Sanborn Maps, with the exception of Northway property to the southeast which is now Wilson Foundry.

The 1924 Sanborn Map, depicts the Site as GM Truck Company Division (Plant 1). An expansion to the GM Truck Plant, including a new machine shop and a storage area, has been completed on the northern portion of the Site. The southeastern portion of the Site is depicted as the Wilson Foundry dormitories, residential dwellings, Fire Department Station No. 2, four oil tanks, and one buried tank. A gasoline tank is located on-Site southwest of Fire Department. Numerous railroad spurs are present on the eastern part of the Site and the main GTRR line is adjacent to the east of the Site. The Site is bordered to the south by West Wilson Avenue, and beyond which is PVC South parcel and commercial areas including a bank, St. John's Church, and a hospital. The south parcel of the PVC is essentially unchanged from previous 1915 Sanborn map. The south parcel of the PVC is depicted as having four gas tanks and two 12,000-gallon fuel oil USTs on the west side of the Wilson Foundry machine shop. The PDFC is now depicted as the Michigan Drop Forge Company (MDFC) with oil tanks present. The properties to the north of the Site consist of commercial properties and the Consumers Power Company (formerly Detroit Edison Company Electric Light Plant) transformer station. The properties to the northeast of the Site consist of new commercial properties including an auto repair shop. The properties east of Site beyond GTRR and west of the Site are primarily residences.

The 1950 Sanborn Map depicts the Site as GM Truck and Coach, Division of Yellow Truck and Coach Manufacturing Company, several expansions to Plant 1 have occurred since the 1924 Sanborn map including the construction of Buildings 13, 18, and 24. Wilson Foundry dormitories have been razed and replaced with a parking lot area. West Wilson Avenue transects the Site to the east and west. South of West Wilson Avenue is the Wilson Foundry, GM Truck and Coach, Division of Yellow Truck and Coach Manufacturing Company, Plants 3 and 4. Three crude oil tanks are present at the western end of the northern railroad spur to the Wilson Foundry building. The gasoline tanks and fuel oil tanks visible on the 1924 Sanborn Map are no longer present. Two additional 12,000-gallon fuel oil USTs were installed adjacent to the two existing tanks near the northwest corner of Plant 3. A powerhouse is present west of Plant 3. North of the Site, properties consist of the Consumer Power Company Substation and other commercial businesses. Northeast of the Site, the properties consist of a filling station with three gasoline tanks, a stamping shop, a meat packing shop, and a junkyard. The Site is bordered to the east by the GTRR, and beyond which are residences. The properties to the west consist of residences.

The 1970 Sanborn Map depicts the Site as GM Truck and Coach, Division of General Motors Corp. The Site appears essentially unchanged from the 1950 Sanborn map with the exception of Building 30 constructed along the southeastern boundary of the Site. The surrounding properties appear essentially unchanged from the 1950 Sanborn Map, with the exception of an additional filling station to the north of the Site.

Copies of the Sanborn maps are included in Appendix B.

4.1.3 Aerial Photograph Review

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

The 1937 photograph depicts the Site as developed with several large industrial buildings including rail spurs in some of the buildings. A rail line and Rapid Street are present to the north of the Site, beyond which are commercial or industrial development. South Boulevard is present south of the Site, beyond which are the south parcel of the PCC Validation which is developed with commercial buildings. A rail line and Woodward Avenue (South Saginaw) are present to the east of the Site beyond which appears to be mixed commercial and residential areas. Franklin Street is present to the west of the Site, beyond which is residential development.

The 1940 photograph depicts the Site as being further developed with additional buildings. In addition, the surrounding properties appear to have been further developed.

The 1949 photograph depicts further development of the Site specifically with the addition of a building on the southeastern portion of the Site. Property in the vicinity of the Site is similar to the 1940 aerial photograph.

The 1957 and 1964 photographs depict the Site and surrounding properties as essentially unchanged from the 1949 photograph.

The 1972 photographs depict the Site and surrounding properties as essentially unchanged from the 1949 photograph with the exception of the construction of Building 30 on the eastern portion of the Site.

The 1980 photograph indicates that several buildings have been removed from the northern portion (Plant 1) of the Site. The areas surrounding the Site remain essentially unchanged.

The 1993 aerial photograph indicates that additional buildings have been removed from the northern portion (Plant 1) of the Site. The areas surrounding the Site remain essentially unchanged.

The 2000 aerial photograph depicts former Plant 1 as a parking area. The areas surrounding the Site remain essentially unchanged with the exception of several large commercial buildings present to the northwest of the Site.

The 2005 aerial photograph depicts the Site and surrounding properties as essentially unchanged from the 2000 photograph.

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

4.1.4 City Directories

LFR contracted EDR to conduct a city directory search for the Site and surrounding area. EDR reviewed city directories for the Site for the years 1922 through 2009 in approximately five-year intervals, as available. City directory information is summarized in the table below.

Address	Listing	Years Listed
200 South Boulevard West	General Motors Corp/ Electronic Data Systems	2009
	Demaria Building co. Lasalle Group Post Electric Company Progressive Mechanical SCI Steel	1999

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

The EDR City Directory Abstract is included in Appendix B.

4.1.5 Historical Topographic Maps

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

The 1907 topographic map shows the Site to be developed with 4 residences and one commercial building on the northern portion of the Site. The surrounding areas are depicted to be developed residential areas. Woodward Avenue and Grand Trunk Rail line are present to the east of the Site. South Boulevard is present to the south of the Site and Franklin Avenue is present to the west of the Site.

The 1943 map shows the Site developed with several buildings and rail spurs. West Wilson Avenue transects the Site east and west separating the northern and southern portion of the Site.

The 1952 map shows further development with additional buildings.

The 1968 map indicates further commercial development to the east of the Site including Building 30 and additions to former Plant 1.

The 1973 through 1997 appear relatively unchanged from the 1968 map with the exception of additions to buildings. Additionally, Plant 1 is shown on the 1997 map, but had already been razed.

The EDR Topographic Map report is included in Appendix B.

4.1.6 Building/Planning Departments

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

4.1.7 Additional Record Sources

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

4.1.8 Summary of Historical Information

The Site has been developed from at least 1907 with residences. Sometime prior to 1937, the Site was developed with several industrial buildings.

Plant 1 was purchased from the Rapid Motor Company in 1906, demolished in 1984, and is now CVO Parking and Product Vehicle Parking areas (located in the north portion of the Site). Based on the Phase I Environmental Site Assessment (ESA) performed by CRA in 2006, historical operations conducted at Plant 1 included metal finishing (plating, phosphating, pickling, heat treat, and painting), stamping, machining, grinding, polishing, solvent, and oil storage, and several other manufacturing processes. Additionally, several underground storage tanks (USTs) and transformer substations were identified within the former Plant 1 area, along with a 1200 foot long brick tunnel leading from a former adjacent Consumers Power Company facility. Building slabs and foundations reportedly remain beneath the existing parking areas.

GM acquired the former Plant 3 (located in the southwest portion of the Site) from the Wilson Foundry Company (Wilson) in 1940. According to historical documentation Plant 3 was used by Wilson to manufacture motors and castings. Historical GM operations included paint mixing, paint booths/ovens, a phosphate line, and hazardous waste storage. More recently, Plant 3 was referred to as the "Paint Shop," serving the entire complex. Plant processes included: color painting, an 8-stage phosphate process located in the northeast corner; electrophoretic priming operations (ELPO) with a dip tank centrally located along the western portion of the building; and paint storage and mixing operations in the basement along the south wall. A former Powerhouse (Building 13), and former buildings 12, 14 and 35 were located to the west of Plant 3.

The former Plant 4 (located in the southeast corner of the Site), reportedly acquired by GM from Wilson in 1937, consisted of Buildings 20, 25, 31 and 37. According to available information, Building 20 contained a spray booth and large in-ground conveyors. More recent operations have included a small test spray booth, plant maintenance, a lubricating oil fill station, an enclosed oil drum storage area, and small parts storage. Building 25 was used for material storage until the early 1970s at which time is was converted to the G-Van body shop. More recently, Building 25 was utilized for welding operations. Historical operations at Building 31 have included a spray booth, material storage, and assembly for school buses. Building 31 was also used for storage, shipping/receiving, quality assurance/quality control laboratories, and plant maintenance and miscellaneous repairs. Building 37 was previously used for assembly operations and as a body shop, and most recently, Building 37 has been used for equipment storage and maintenance activities.

GM reportedly acquired the former Plant 5 (located in the south-central portion of the Site) from Wilson in 1965. According to documentation reviewed by CRA, historical operations have included the manufacturing of motors and castings, and machining operations. Most recently, GM used Plant 5 for the final assembly of small and mid-sized trucks.

Building 30 is located in the northeast corner of the Site and was constructed between 1964 and 1968. Building 30 is a long, rectangular one-story structure with high bay ceilings. While historical uses are unknown, the structure was used most recently for railcar loading/unloading operations and temporary parts/equipment storage, with railcars entering the north end of the building.

A switchyard and primary house owned by Detroit Edison were previously located directly north of Plant 5, which included an industrial wastewater lift station. The industrial wastewater lift station included six large underground storage vaults. Wastewater was periodically pumped via five underground sewers to a neighboring GM facility PAC for treatment.

Four fuel ASTs were located in a tank farm north of the industrial wastewater lift station. The tanks stored gasoline and diesel fuel used to supply the adjacent dispensing pump, which dispenses fuel to company vehicles.

A Waste Management Area (WMA) was historically located adjacent to the north of the tank farm. This structure was used to store hazardous waste (up to 90 days) and non-hazardous waste prior to removal from the Site for disposal and for cleaning of empty drums. The structure was constructed on a sealed concrete containment pad with a self-contained spill collection sump, and was enclosed by a concrete curb with an access ramp.

Currently, the Site is occupied by an office building, Building 30, paved and gravel parking areas and landscaped areas.

4.2 Historical Use Information on Adjoining Properties

A review of available historical information indicates that the adjoining properties have been occupied by a mixture of residential and commercial/industrial purposes. The adjoining properties to the south and west have been occupied mainly by residences.

4.3 Physical Setting

4.3.1 Geology

4.3.1.1 Surface Features

According to topographic information (Pontiac South USGS Quadrangle Map), the Site elevation is approximately 950 feet. Topographically, the Site slopes to the northwest with an approximately 10 foot change in elevation between the north and south portions of the Site. The surrounding area is relatively flat with a slight slope to the northwest.

4.3.1.2 Subsurface Features

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

4.3.2 Hydrology

4.3.2.1 Surface Water

Surface water was observed on southeastern portion of the Site. However, it is likely that the water was perched on concrete slabs of the former buildings. Surface water was not visible at surrounding properties. Surface water flow in the area is largely controlled by artificial structures along roadways and in paved areas. The regional flow is anticipated to be to the west, towards Crystal Lake, which is located approximately 2,000 feet west of the Site.

4.3.2.2 Groundwater

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

4.4 Standard Environmental Record Sources – Federal and State

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

Review of the EDR report revealed the following pertinent information.

Database	Search Radius	Site	Adjacent	0 – 1/8 mile	1/8 – ¼ mile	¼ - ½ mile	½ - 1 mile
NPL	1 mile	No	0	0	0	0	0
Delisted NPL	1 mile	No	0	0	0	0	0
CERCLIS	0.50 mile	No	0	0	0	0	-
CERCLIS-NFRAP	0.50 mile	No	0	0	1	0	-
RCRA CORRACTS	1 mile	Yes	0	0	0	0	0
RCRA TSD	0.50 mile	Yes	0	0	0	0	-
RCRA Generators	Site & adjacent	Yes	0	4	5	-	-
ERNS Site	Site	Yes	-	-	-	-	-
US IC/EC Registries	Site	No	-	-	-	-	-
SHWS	1 mile	No	0	1	0	1	1
State & Tribal SWF/LF	0.50 mile	No	0	0	0	0	-
State & Tribal LUST	0.50 mile	No	0	2	1	7	-
State & Tribal USTs	Site & adjacent	No	0	4	1	-	-
State ASTs	Site & adjacent	Yes	0	1	-	-	-
State IC/ EC Registry	Site	No	-	-	-	-	-
State Brownfields	0.50 mile	No	0	0	0	0	-
Indian VCP	0.50 mile	No	0	0	0	0	-
BEA	0.50 mile	Yes	0	0	1	3	-
Spills	Site	No	-	-	-	-	-
Drycleaners	0.25 mile	No	0	0	0	-	-

4.4.1 Site

The Site was identified on the RCRA CORRACTS, RCRA TSD, RCRA Generators, ERNS Site, State ASTs and BEA databases searched by EDR.

CORRACTS/RCRA TSDF/RCRA-SQG

General Motors Co North American Truck Group Validation Center The facility is listed on the CORRACTS, RCRA TSDF, and RCRA SQG databases. The property has been listed as a RCRA SQG since 1980. Corrective action at the facility was assigned by the US EPA as a low priority status in 1994. The facility has 16 listed violations between 1988 and 2004, all of which were issued as informal citations. Additionally, the facility is no longer active.

Aboveground Storage Tank (AST) Sites

GM-Pontiac Centerpointe Campus According to the EDR report, four ASTs were installed at the facility in 1996 and include of three 5,000-gallon gasoline ASTs and one 1,500-gallon gasoline AST. The database reports that the ASTs are "currently in use." No releases have been reported in association with the ASTs which formerly contained gasoline and diesel fuel. These ASTs were not observed during LFR's site visit and have been recently removed from the Site. Based on the closed status of the facility, this does not appear to represent an environmental concern to the Site at this time.

4.4.2 Federal Environmental Record Sources

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

CERCLIS – NFRAP

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

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

State Hazardous Waste Sites (SHWS)

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

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

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

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

4.4.3 State and Tribal Environmental Record Sources

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

Leaking Underground Storage Tank (LUST) Sites

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

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

Baseline Environmental Assessments

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

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

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

4.4.4 Orphan Summary

LFR reviewed the "Orphan Summary" section of the EDR Radius Map report, which is a list of sites that could not be properly located due to inadequate or incorrect information provided by the reporting agency. The 18 facilities listed in the Orphan summary do not appear to be located within the Approximate Minimum Search Distance for the above-referenced Federal and State regulatory databases.

4.5 Additional Environmental Records Sources

4.5.1 Fire Department

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

4.5.2 Health Department

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

4.5.3 Michigan Department of Environmental Quality

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

MDEQ provided a letter dated May 9, 2002 indicating that an inspection was conducted at the facility on May 9, 2009 and found that the facility was in compliance with the Michigan Fire Prevention Code, that the facility was certified, and that all violations for the facility have been corrected. Also provided was a notification data for ASTs indicating that three 5,000-gallon ASTs and one 1,500-gallon AST were installed at the facility in 1996. These ASTs were not observed during LFR's site visit and have been removed from the Site.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Mr. Stephen P. Zins of LFR visited the Site on December 1, 2009. Mr. John H. Wood III of Contractual Security Services and Investigations was present. The weather at the time of LFR's investigation was cool and sunny, with a temperature of approximately 45 degrees Fahrenheit. LFR inspected the entire Site. Photographs are included in Appendix D.

5.2 Current Site Use

The Site consists of approximately 80 acres and is currently occupied by a small office building identified as Building 30, paved and gravel parking areas and landscaped areas.

5.3 Site Observations

5.3.1 Underground Storage Tanks (USTs)

LFR did not observe fill pipes, vent pipes or other evidence of USTs on the Site. Based on a review of provided information, at least 11 USTs were historically present in the vicinity of former Plant 1.

5.3.2 Aboveground Storage Tanks (ASTs)

Three ASTs with an estimated capacity of less than 500 gallons and an associated pump were observed inside Building 30 near the southwest corner. The ASTs were located inside a locked chain link fence area. LFR could not discern the contents of the ASTs; however, the tanks reportedly contain gasoline and diesel fuel. No evidence of staining was observed on the concrete floors in the vicinity of the ASTs. Other ASTs including three 5,000-gallon and one 1,500-gallon AST containing gasoline and diesel fuel have been removed from the Site as indicated in Section 4.4.1.

5.3.3 Hazardous Substance and Petroleum Use

LFR observed several drums and three ASTs inside at the Site which may have contained petroleum products.

5.3.4 Unlabeled Drums/Containers

LFR observed approximately 23 drums inside Building 30. Several of the drums were unlabeled and some did not have lids. The contents of these drums appeared to be oil and soil cuttings from on-going LNAPL recovery at MW-69-08. One drum inside the building was labeled as Non-Hazardous, PCB and was dated September 28, 2009. Several other various containers were observed inside the northeastern portion of Building 30. In addition, two approximately 30-gallon plastic trash bins were observed southeast of Building 30. The containers were full of liquid that appeared to be water.

5.3.5 Stained Soil or Pavement

LFR observed de minimis stained pavement at several areas of the Site. An area of staining was also observed on the pavement adjacent to the western side of Building 30.

5.3.6 Stains or Corrosion

LFR observed stains covered with oil absorbent inside Building 30 near a trench drain.

5.3.7 Stressed Vegetation

LFR did not observe evidence of stressed vegetation at the Site. Aerial photographs and the 2006 Phase I ESA prepared by CRA indicated that vegetation to the north-northwest of Building was sparse. A thermal soil remediation project was reportedly conducted in this area.

5.3.8 Polychlorinated Biphenyls (PCBs)

LFR did not observe electrical or hydraulic equipment at the Site suspected to contain PCBs. However, LFR did observe one drum inside the building that was labeled as Non-Hazardous, PCB and was dated 9-28-09.

5.3.9 Solid Waste/Dumping

Solid waste is no longer generated at the Site. However, LFR observed a full solid waste dumpster south of Building 30. In addition, LFR observed several large plastic bags of what appeared to be furniture moving blankets and miscellaneous items.

5.3.10 Site Drainage

Surface water on the Site is directed to the north and west along the adjacent roadways. LFR observed several stormwater catch basins at the Site. ARCADIS has performed the required inspections of the catch basins weekly as required by National Pollutant Discharge Elimination System (NPDES) regulations in conjunction with the soil backfill/relocation performed by GM as part of the Site demolition activities. This soil is impacted above NREPA Part 201 residential criteria, was relocated from a GM property nearby (a NREPA Part 201 "facility"), the Pontiac North Campus, and notification of that relocation was submitted to MDEQ. This relocated soil is not stabilized at this time in accordance with NPDES regulations, and MLC is currently evaluating plans to stabilize this material in the spring. This soil is covering some of the drainage structures at the Site, and likely caused the "ponding" observed by LFR at some of the catch basin locations.

5.3.11 Pits, Ponds, Lagoons and Pools of Liquid

LFR did not observe ponds, lagoons on the Site. However, LFR did observe a sump pit adjacent to the ASTs located in Building 30. Additionally, several small pools of water were observed throughout the Site.

5.3.12 Wastewater

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

5.3.13 Wells

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

5.3.14 Septic Systems

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

5.3.15 Odors

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

5.3.16 Other Observations

LFR observed peeling paint in the office areas of Building 30. Based on the age of the buildings is it possible that the paint could contain lead. LFR also observed several materials that could be asbestos containing materials (ACM) in Building 30. In addition, ACM warning labels were observed in the mechanical areas of Building 30.

6.0 INTERVIEWS

6.1 Interview with Owner/Key Site Manager

LFR interviewed Mr. Robert Hare at the time of the assessment. Information provided is presented throughout the report.

6.2 Site Occupants

The Site is currently vacant. Mention Security?

6.3 Interviews with Local Regulatory Agencies

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

6.4 Interviews with Others

No additional interviews were conducted as part of this assessment.

7.0 FINDINGS/OPINION

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

7.1 Known or Suspect Environmental Concerns

LFR identified several environmental concerns that have been documented in several reports prepared for the Site.

7.2 Historical Recognized Environmental Conditions

According to historical documentation, the Site was initially developed in 1906 with subsequent buildings and additions over the years. All of the buildings with the exception of those discussed above have been razed and operations ceased in 2005. Historical manufacturing operations at the Site included involved by was not limited to metal finishing (plating, phosphating, pickling, heat treat, and painting), stamping, machining, grinding, polishing, solvent, and oil storage, and several other manufacturing processes which resulted in the generation of hazardous and non-hazardous waste accumulation, handling and storage as well as the use and storage or raw petroleum product and solvents in both ASTs and USTs and drums. In addition, process wastewaters were historically collected and conveyed throughout the Site in several underground trenches which included sumps and pits.

Process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. The pits, sumps, and trenches associated with former Plant 1 have been reportedly backfilled and paved with asphalt.

Based on the historical operations, a number of previous investigations have been completed at the Site. The Site was issued a low corrective action priority status on September 27, 1991. A number of remediation and RCRA closures of sub-areas have been achieved including tank removals, excavation, in-situ and ex-situ thermal treatment.

Soil remediation was performed between 1995 and 1997. The MDEQ released GM from further closure requirements in an April 21, 1998 letter, and thereby GM was no longer required to demonstrate financial assurance and liability coverage for the units. A notification was made on January 22, 2003 for the Site under Part 148 of Michigan Act 451 for performing a Process Risk Management – Self-Evaluation audit. A risk evaluation was performed and concluded that historical xylene concentrations in the soil and chloromethane concentrations in LNAPL present a potential for significant worker exposure near former Building 17.

In 2006, 22 potential AOCs were identified. These AOCs were further assessed which included the installation of 95 soil borings, 35 monitoring wells and 4 test pits as well as the collection and analyses of numerous soil and groundwater samples. A direct push/laser-induced fluorescence (LIF) survey was also conducted to delineate the main plume. Although some impacts to soil and groundwater were reported including PCBs, CVOCs and LNAPL, it was concluded that with the exception of the LNAPL areas, the detections did not present a significant risk. However, only two of four locations where LNAPL detections were identified have been delineated and thus further characterization is needed.

At least 11 USTs were historically present in the vicinity of former Plant 1. It is not known whether the tanks have been removed from the Site; however, the UST area has been addressed in several environmental investigations performed at the Site.

Process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. The pits, sumps, and trenches associated with former Plant 1 have been reportedly backfilled and paved with asphalt.

7.3 De Minimis Conditions

LFR observed *de minimis* staining in several areas throughout the Site.

8.0 CONCLUSIONS

LFR performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 200 South Boulevard West, Pontiac, Oakland County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 9 of this report. This assessment has revealed evidence of RECs in connection with the Site which include the following:

- Two of four locations where LNAPL detections were identified have been delineated. A plume of approximately 10,000 square feet in size has been identified and is centered in the vicinity of well MW69-08. A smaller product plume (approximately 1,000 square feet in size) has also been identified and is centered in the vicinity of well MW33-07. Since April 2008, extraction has been conducted from the larger of the two plumes at a rate of about one gallon per month. Continuation and/or enhancement of mass removal should proceed as long as recoverable product accumulates in the well(s).
- In boring BH79-08 and BH72-08, presence of NAPL has been detected during CRA's phase II investigation. Of concern is particularly the area near BH72-08, where LNAPL has been confirmed and PCBs are present in soil at the depth of groundwater. These two NAPL sites require further characterization to determine lateral and vertical extent of the spills and assess their mobility through the subsurface.
- A trench drain was observed in Building 30. The flooring was stained and covered with oil absorbent.
- At least 11 USTs were historically present in the vicinity of former Plant 1. It is not known whether the tanks have been removed from the Site; however, the UST area has been addressed in several environmental investigations performed at the Site.

9.0 DEVIATIONS/DATA GAPS

LFR did not identify any deviations or data gaps.

10.0 ADDITIONAL SERVICES

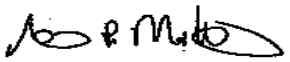
No additional services were provided as part of the Phase I ESA.

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 C.F.R. 312. We, have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.



Douglas M. Lindsay, PG, LSP
Senior Geologist

 For

Stephen P. Zins
Senior Geologist

12.0 REFERENCES

City of Pontiac

- Fire Department
- Building Department

Oakland County

- Health Department
- Assessor's Office

State of Michigan

- Michigan Department of Environmental Quality

2. Reports, Plans and Other Documents Reviewed:

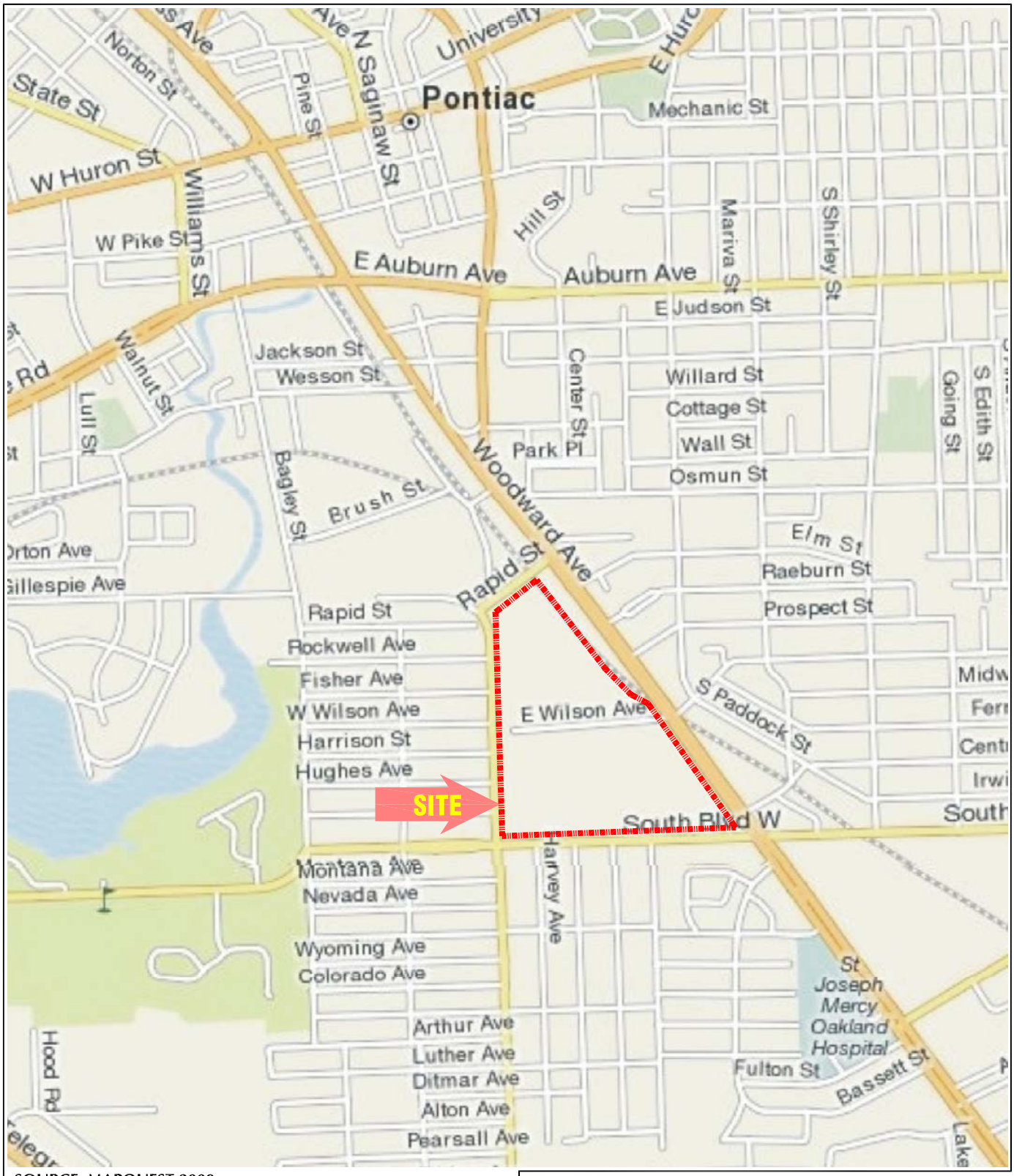
EDR:

- *The EDR Aerial Photo Decade Package*, Inquiry Number 2601306.5, September 30, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Radius Map with GeoCheck*, Inquiry Number 2648698.2s, December 1, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Sanborn Map Report*, Inquiry Number 2601306.3, September 28, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR Topographic Map Report*, Inquiry Number 2601306.4, September 28, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.
- *The EDR City Directory Abstract*, Inquiry Number 2648698.6, December 3, 2009, 440 Wheelers Farms Road, Milford, Connecticut 06461.

Oakland County

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

FIGURES



SOURCE: MAPQUEST 2009

N

1200 0 1200

Scale: 1" = 1200'

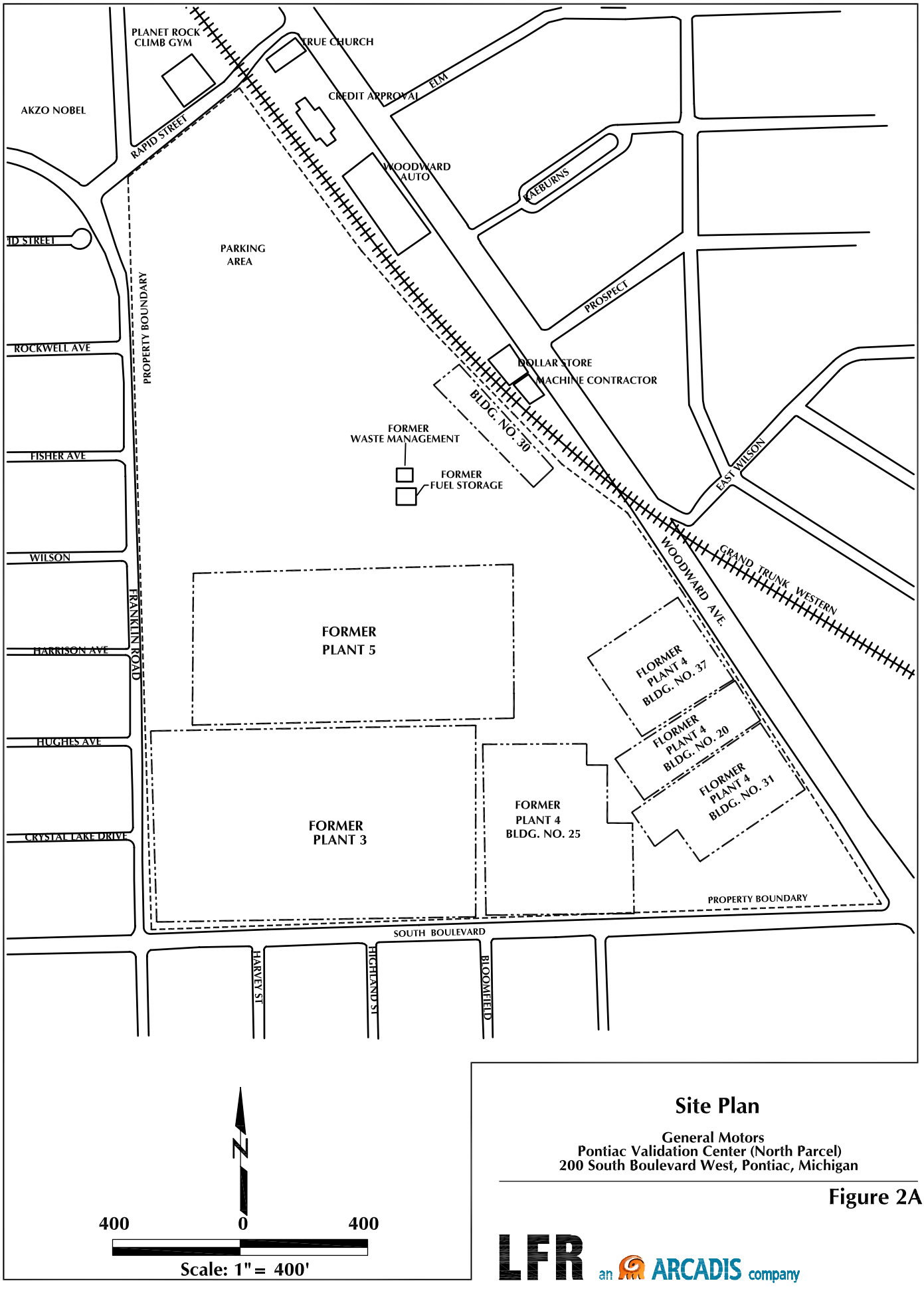
Site Location Map

General Motors
Pontiac Validation Center (North Parcel)
200 South Boulevard West, Pontiac, Michigan

Figure 1

LFR an ARCADIS company

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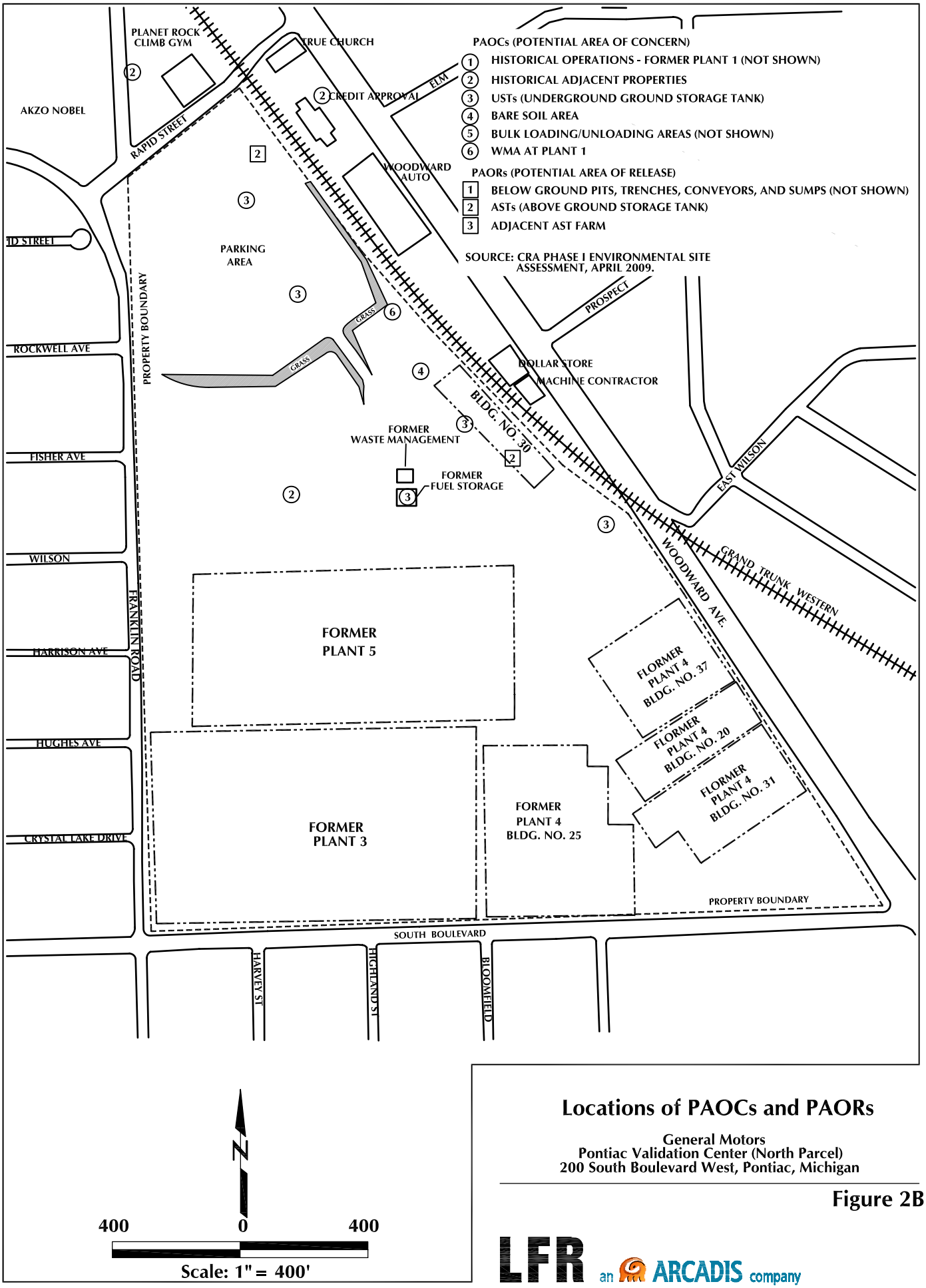
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Site Plan

General Motors
Pontiac Validation Center (North Parcel)
200 South Boulevard West, Pontiac, Michigan

Figure 2A

LFR an ARCADIS company



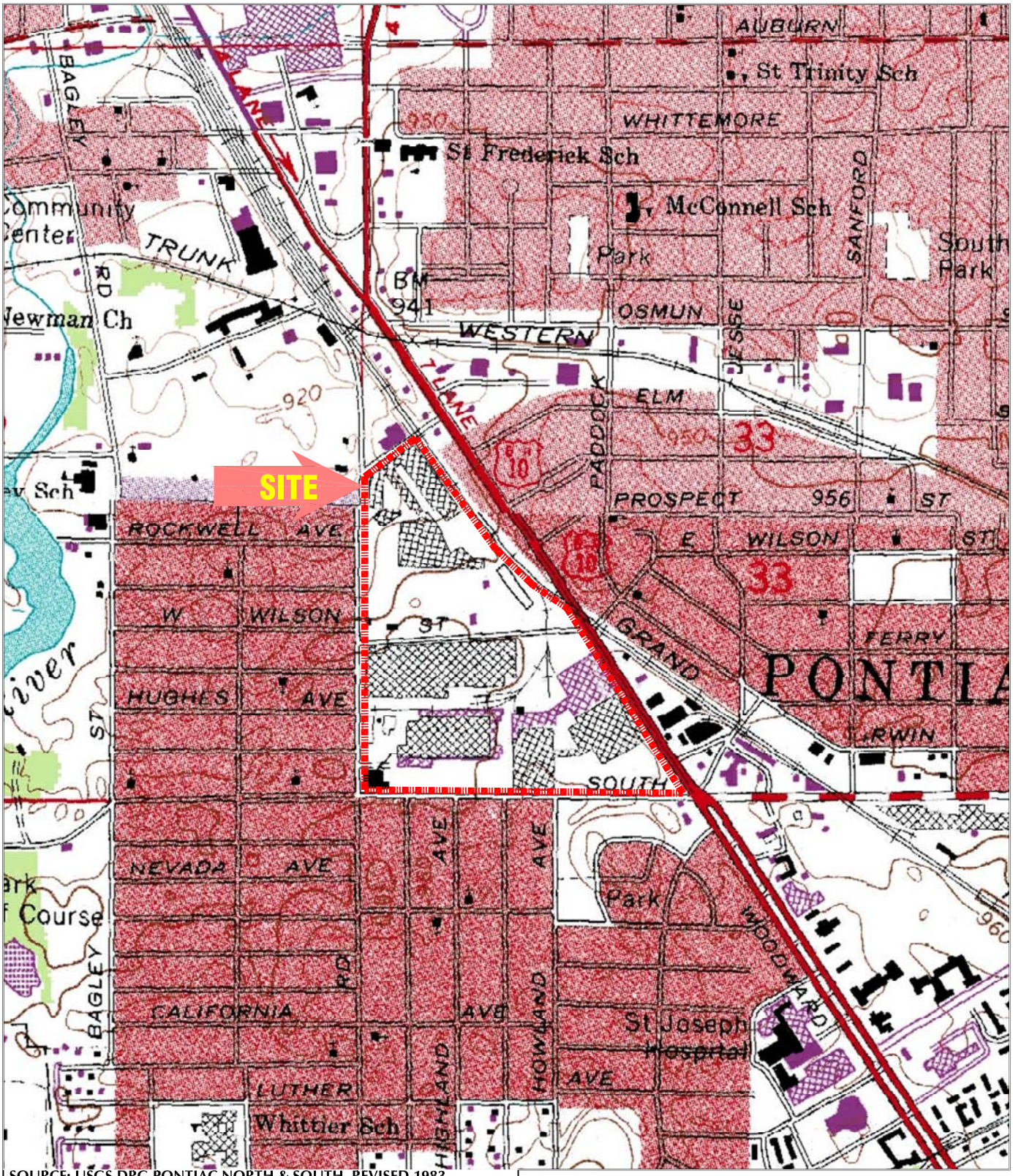
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Locations of PAOCs and PAORs

General Motors
Pontiac Validation Center (North Parcel)
200 South Boulevard West, Pontiac, Michigan

Figure 2B

LFR an ARCADIS company



SOURCE: USGS DRG PONTIAC NORTH & SOUTH, REVISED 1983

N

1000 0 1000

Scale: 1" = 1000'

Topographic Map

General Motors
Pontiac Validation Center (North Parcel)
200 South Boulevard West, Pontiac, Michigan

Figure 3

LFR an ARCADIS company

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APPENDIX A

User Questionnaire

LFR ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

Phase I Environmental Site Assessment Questionnaire

(User Provided Information Questionnaire)

Date: December 14, 2009
Site Name: Pontiac Validation Center Your Name: Robert W. Hare
Site Location: Pontiac, MI Your Title: Project Manager
Relationship to Site: ☐ Owner ☐ Occupant ☐ Purchaser X Other

Length of Time Associated with Site: 60 days

Please review and complete this questionnaire which will assist LFR 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. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

   ☐ Yes **X** No ☐ Unknown ☐ N/A

   If Yes, please explain: _____

   _____

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

   X Yes ☐ No ☐ Unknown ☐ N/A

   If Yes, please explain: If not already in place, property will likely have deed restrictions for use of groundwater

781.356.7300 m
781.356.2211 f
194 Forbes Road
Braintree, Massachusetts 02184-2668
Offices Nationwide
www.lfr.com

LFR

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

X Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Please see data on IDEA website_____

_____

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

a) Do you know the past uses of the Site?

X Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Please see site history on IDEA website_____

_____

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

☐ Yes ☐ No **X** Unknown ☐ N/A

If Yes, please explain:_____

_____

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

X Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: Please see information on IDEA website_____

_____

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

☐ Yes ☐ No **X** Unknown ☐ N/A

If Yes, please explain:_____

_____

LFR

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

   ☐ Yes ☐ No **X** Unknown ☐ N/A

   If Yes, please explain: _____

   _____

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

   ☐ Yes ☐ No **X** Unknown ☐ N/A

   If Yes, please explain: _____

   _____

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

   ☐ Yes ☐ No **X** Unknown ☐ N/A

   If Yes, please explain: _____

   _____

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

   X Yes ☐ No ☐ Unknown ☐ N/A

   If Yes, please explain: Please see information on IDEA website _____

   _____

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

☐ Yes ☐ No **X** Unknown ☐ N/A

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

☐ Yes ☐ No ☐ Unknown ☐ N/A

If Yes, please explain: _____

_____

APPENDIX B

Historical Research Documentation

Aerial Photographs

1306-1 PCC Validation
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2648698.5
December 03, 2009

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

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Date EDR Searched Historical Sources:

Aerial Photography December 03, 2009

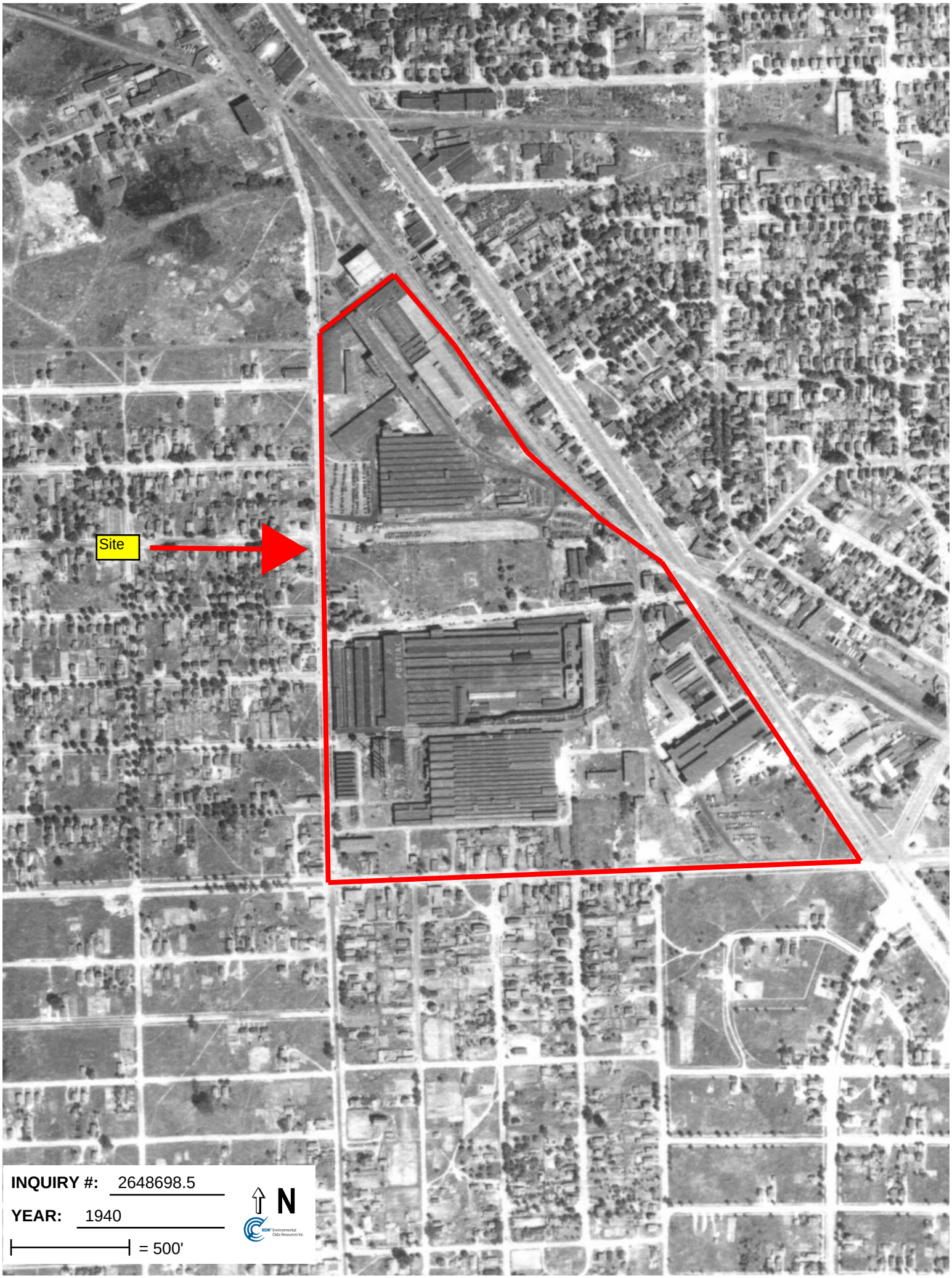
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200 South Boulevard West

Pontiac, MI 48341

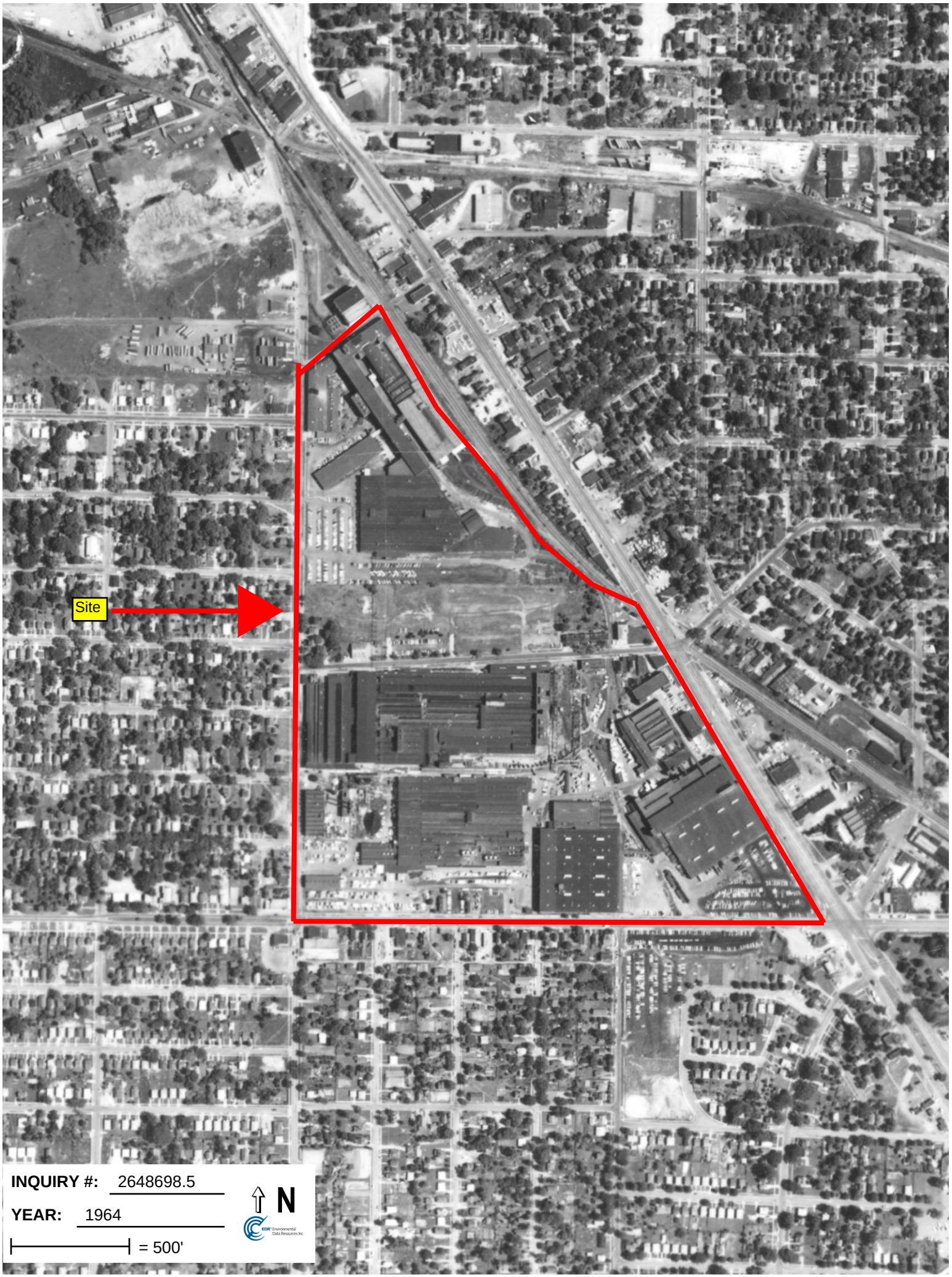
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1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Detroit Edison
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	CSS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	ASCS
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	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


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= 500'
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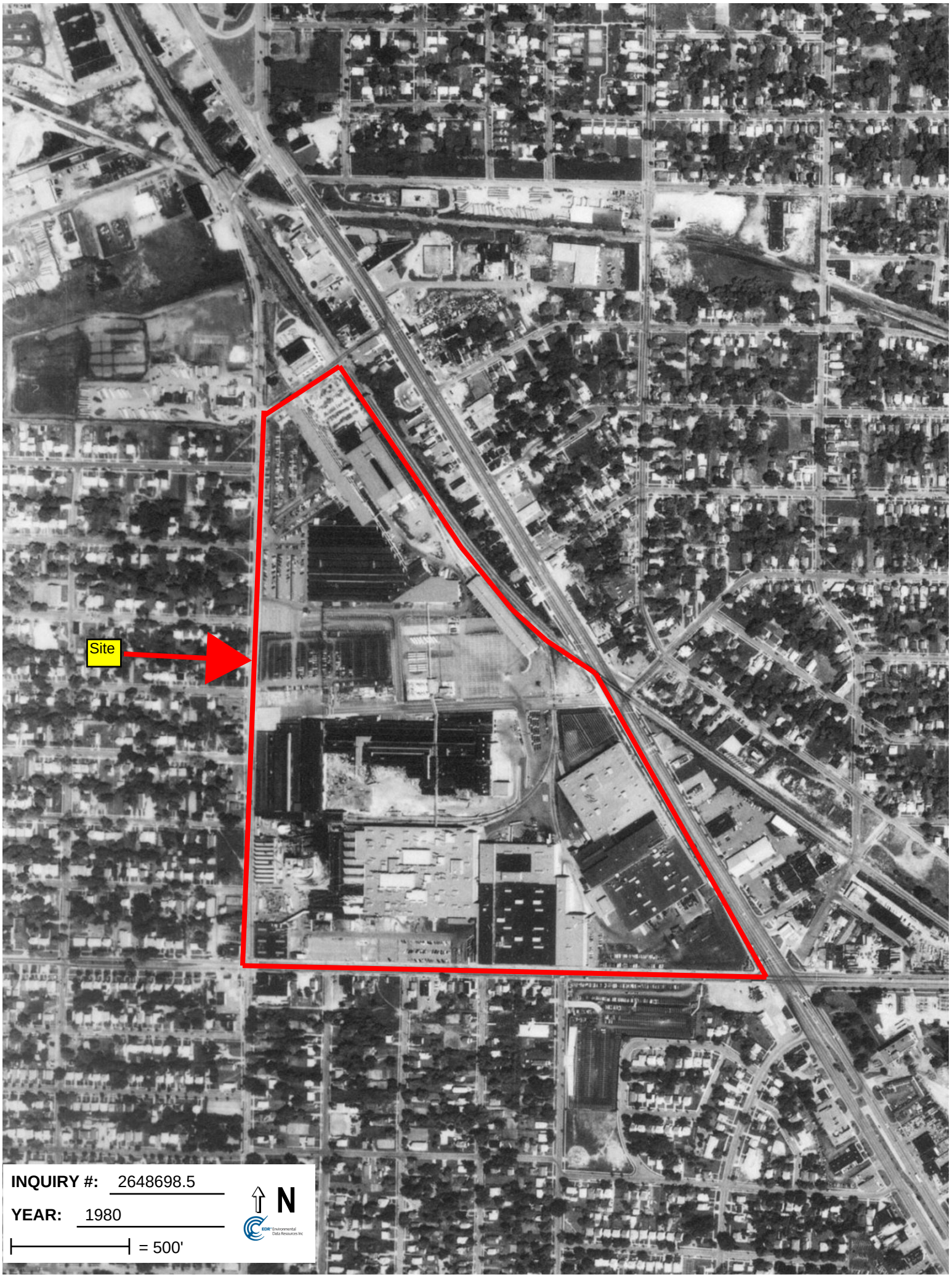

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= 500'
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Site
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YEAR: 1949
= 500'
N


Site
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YEAR: 1957
= 500'
N


Site
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YEAR: 1964
= 500'
N


Site
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N

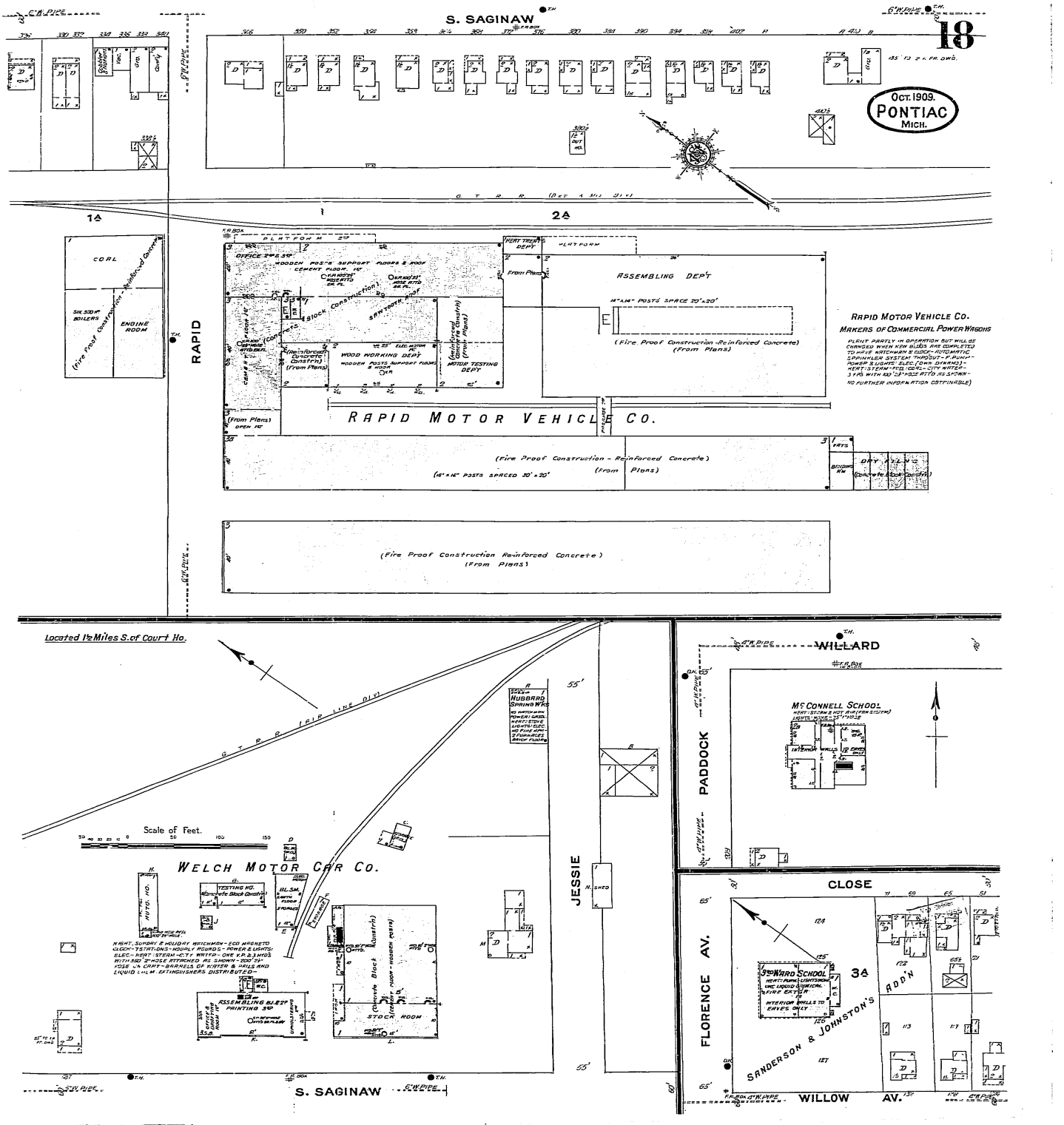

Site
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YEAR: 1980
= 500'
N


Site
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YEAR: 1993
= 600'
N


Site
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YEAR: 2000
= 500'
N


Site
INQUIRY #: 2648698.5
YEAR: 2005
= 604'
N

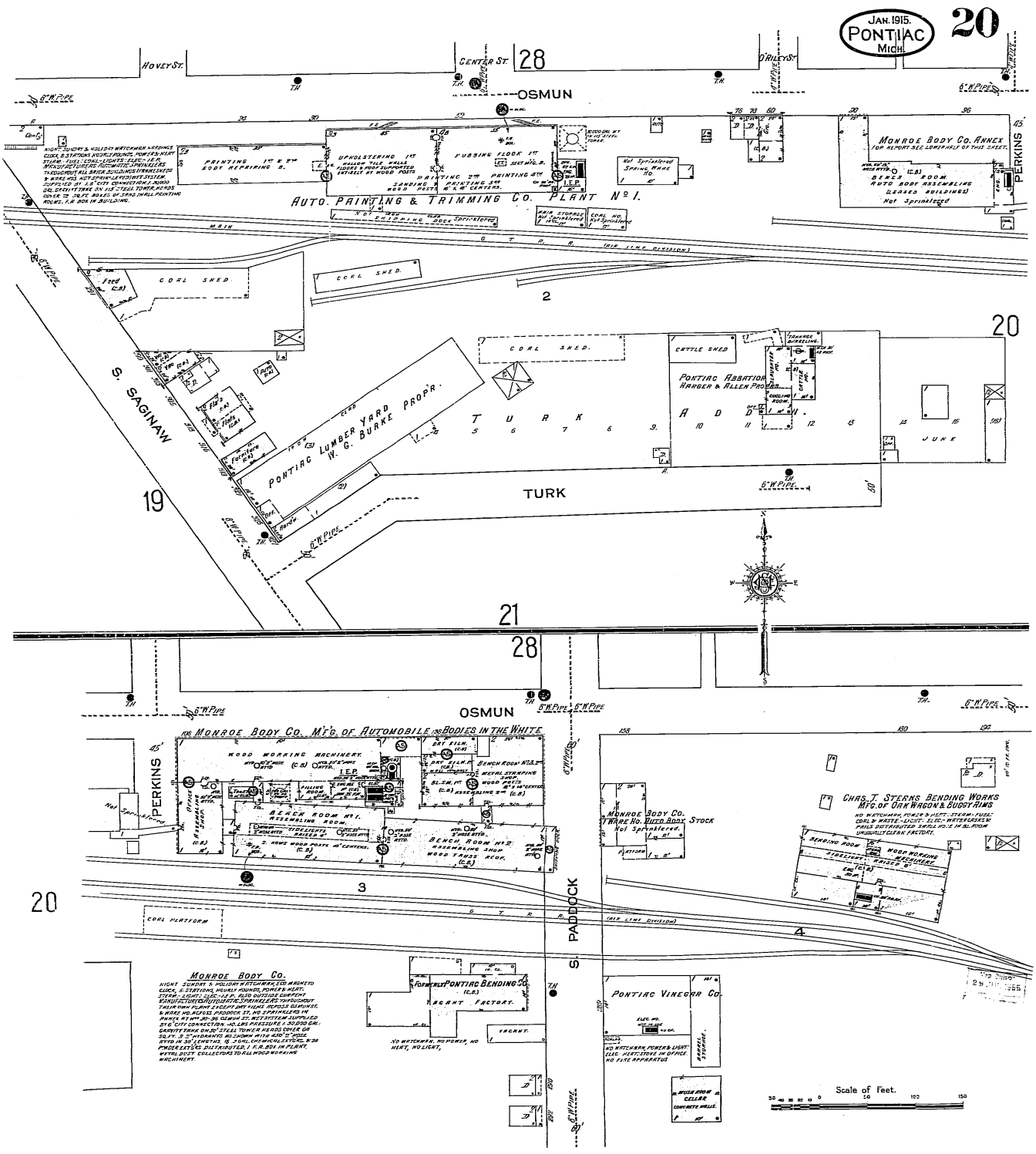
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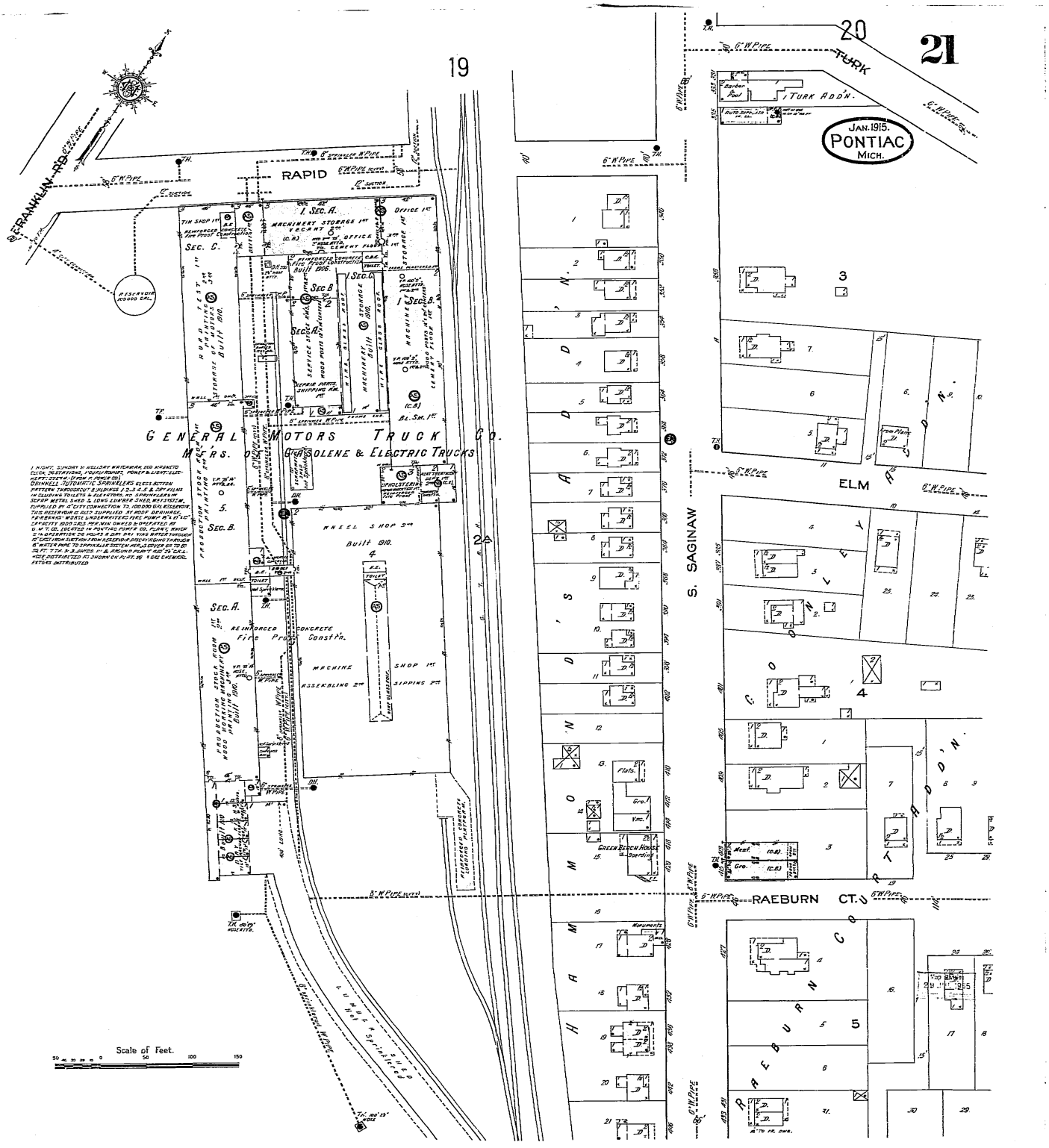
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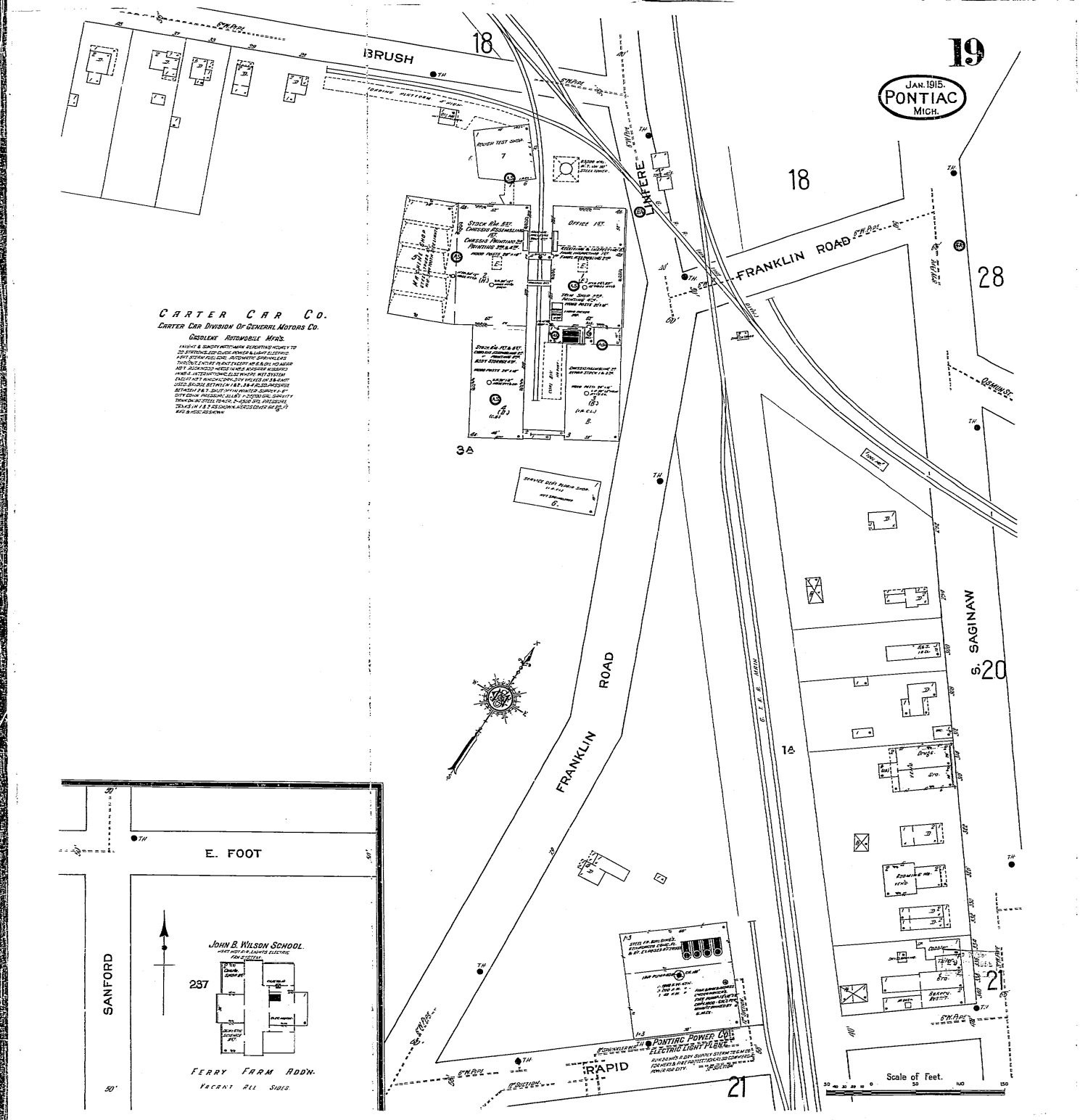
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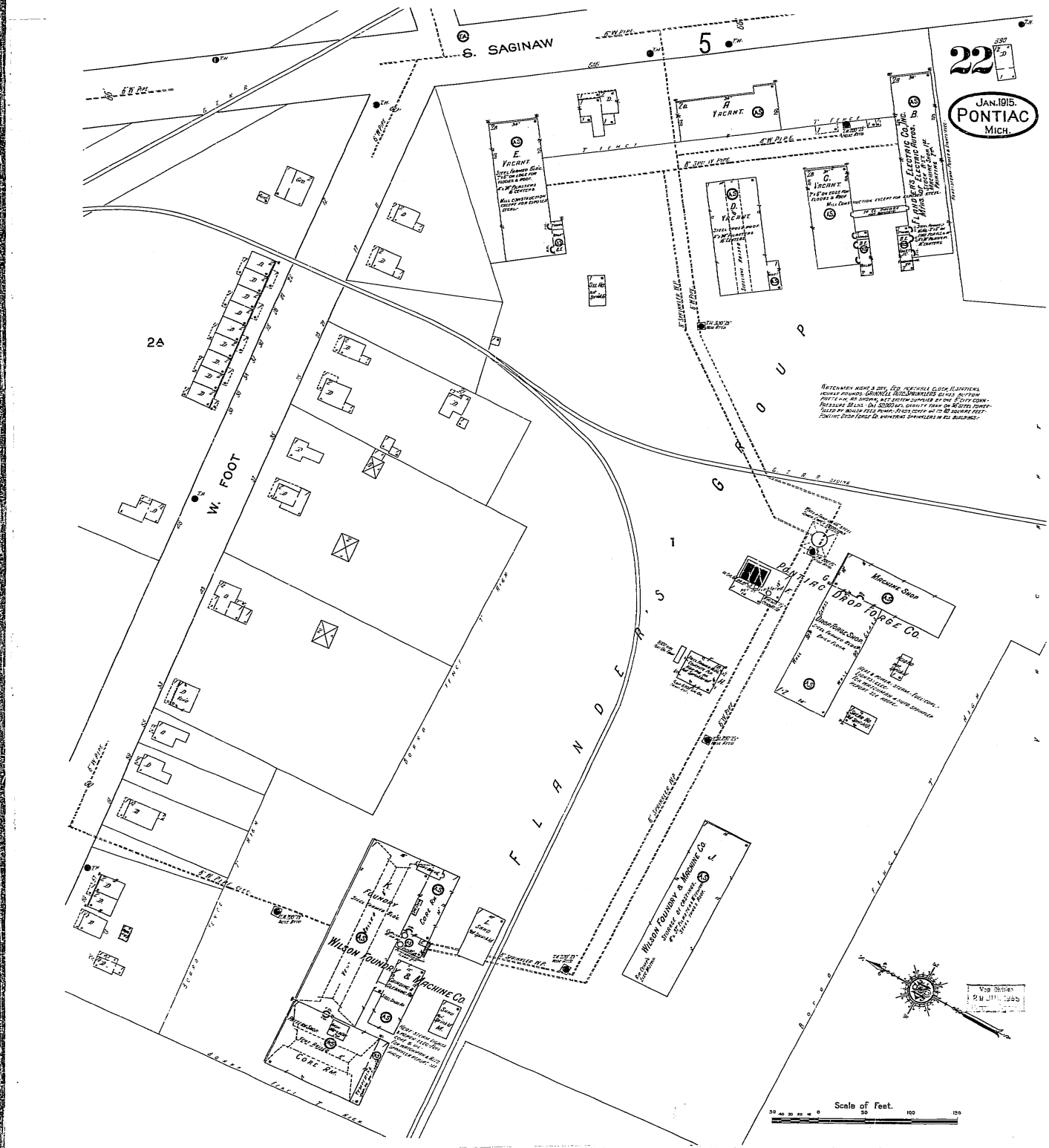
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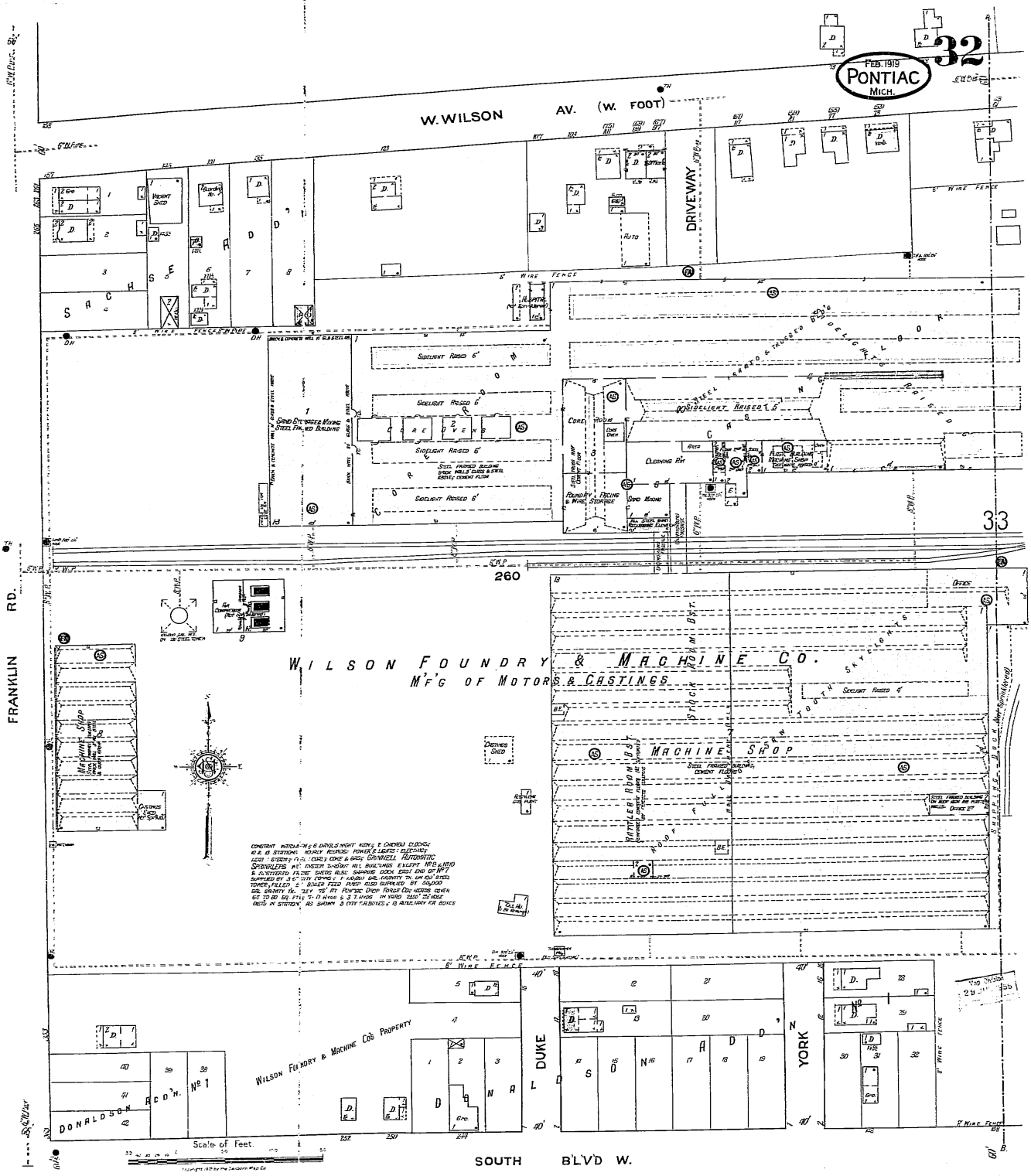
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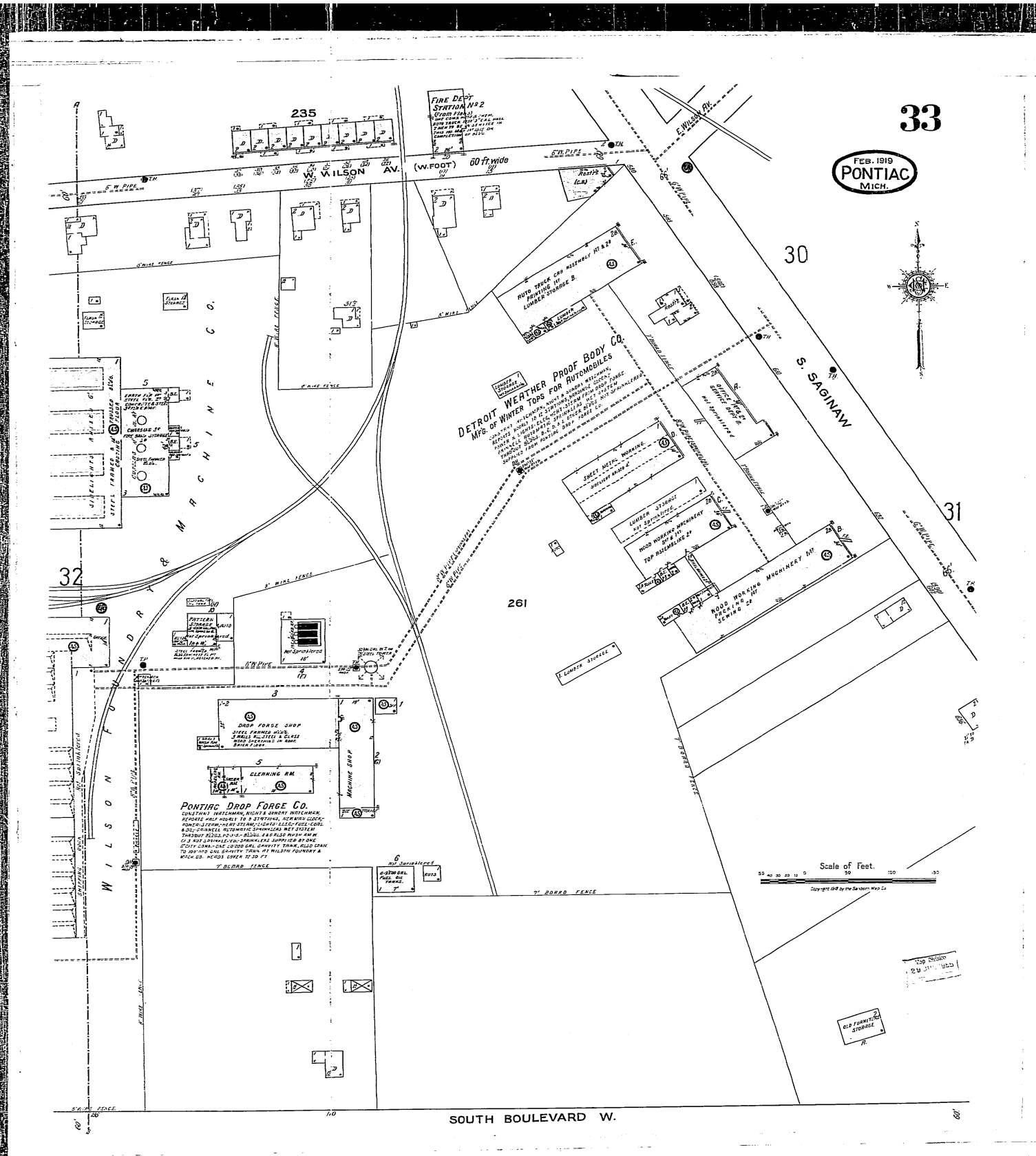


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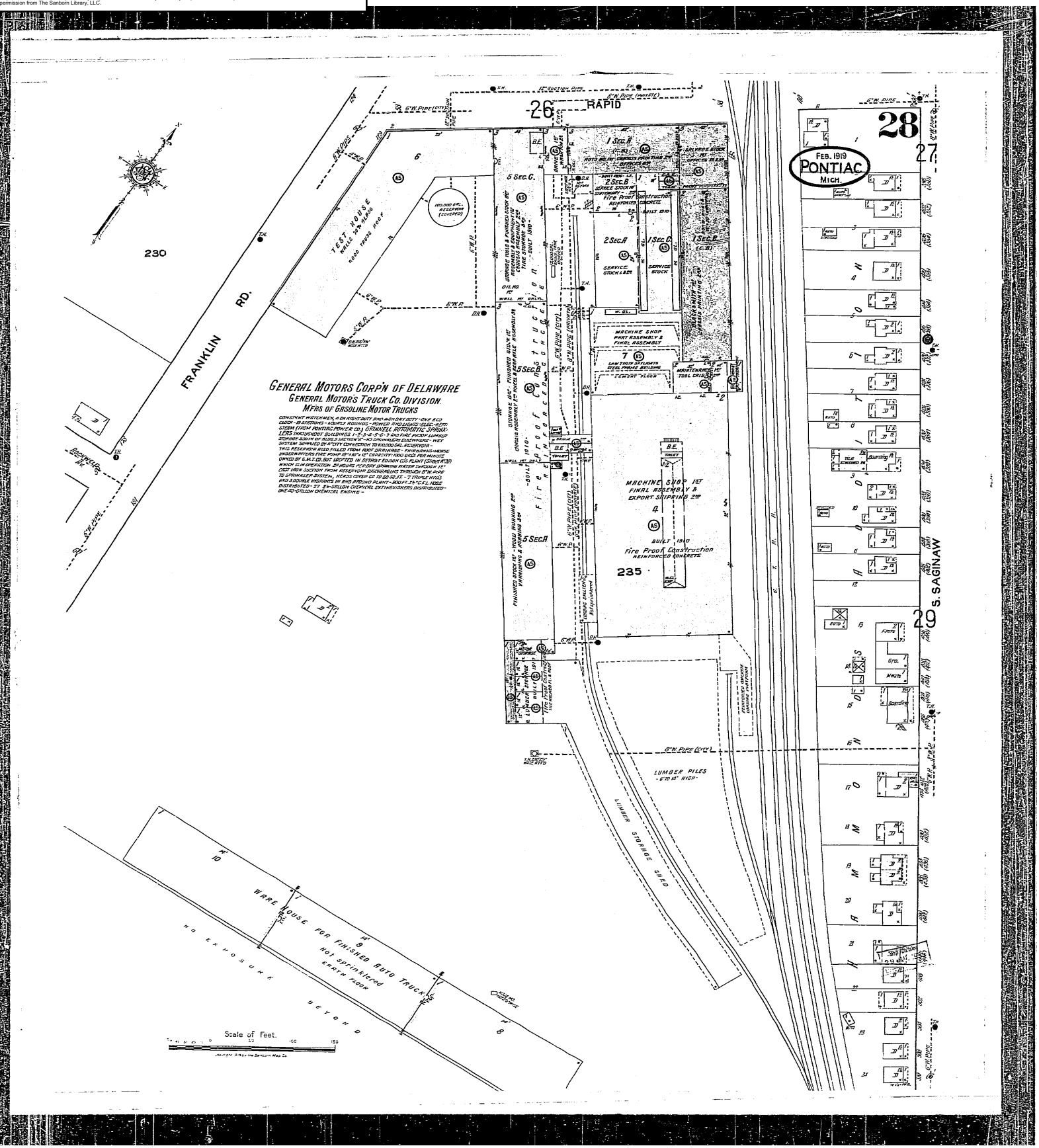
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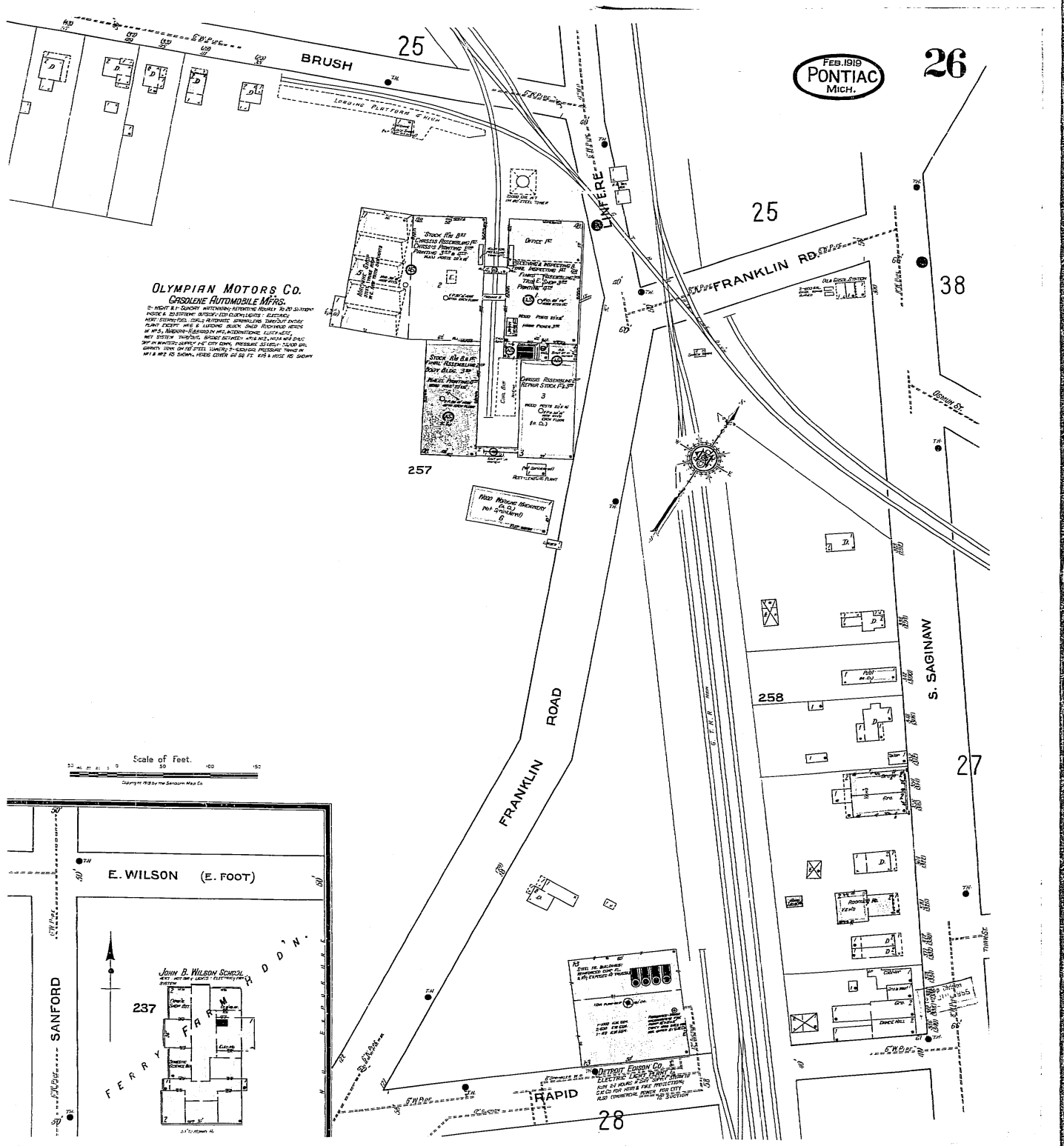
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WILSON BALL PARK

SCALE 100FT. TO AN INCH

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ROCKWELL AV.

231 232 233

FISHER AV.

2 1 234

W. WILSON AV.

0

BAGLEY

MOTOR

FRANKLIN R'D

4 5

HARRISON AV.

7 6

HUGHES AV.

10 11

CRYSTAL LAKE DRIVE

13 12

31

33

WILSON PARK

SOUTH BLVD W.

Bloom Field Township.

Scale 100 Ft. to One Inch.

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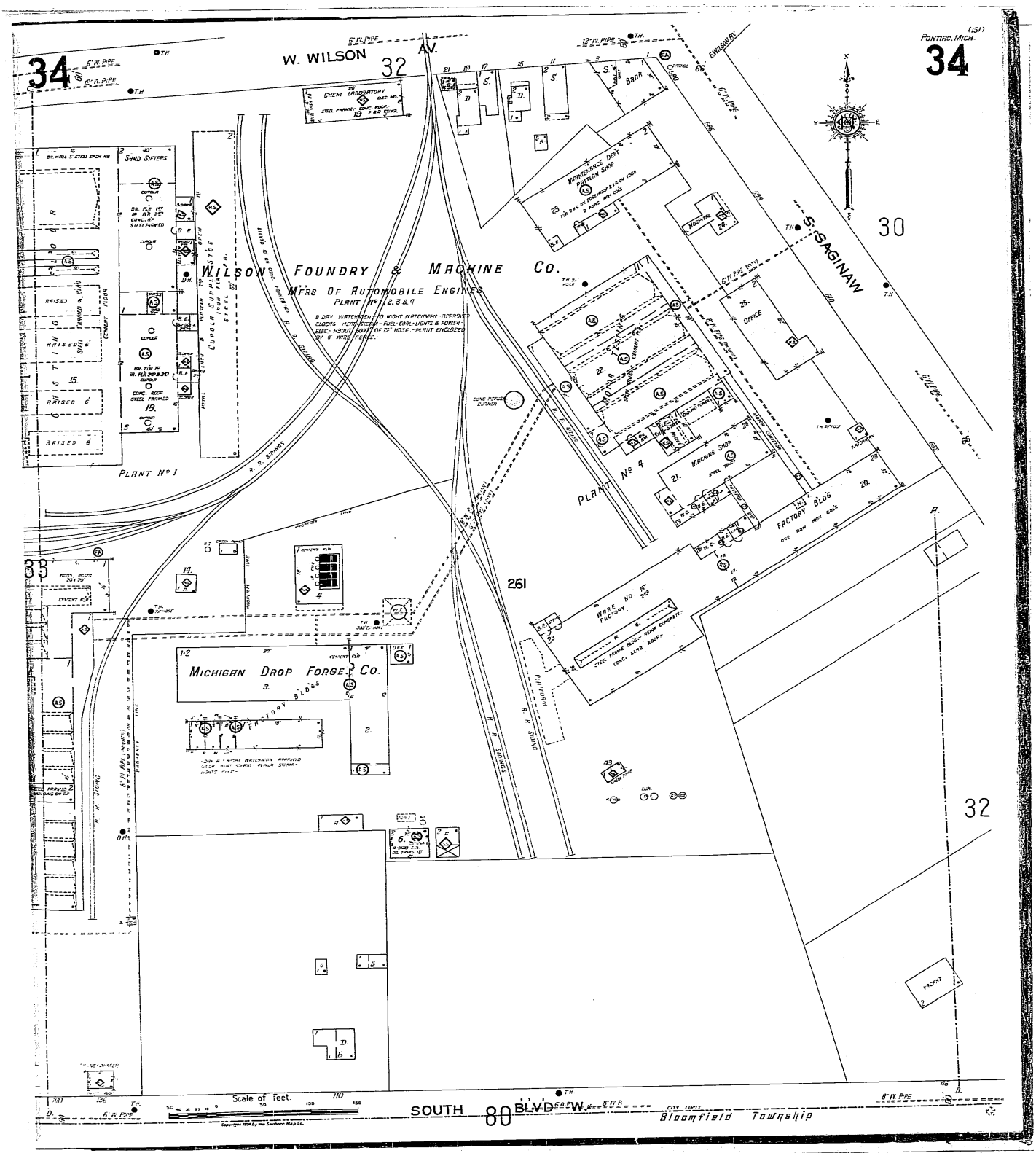
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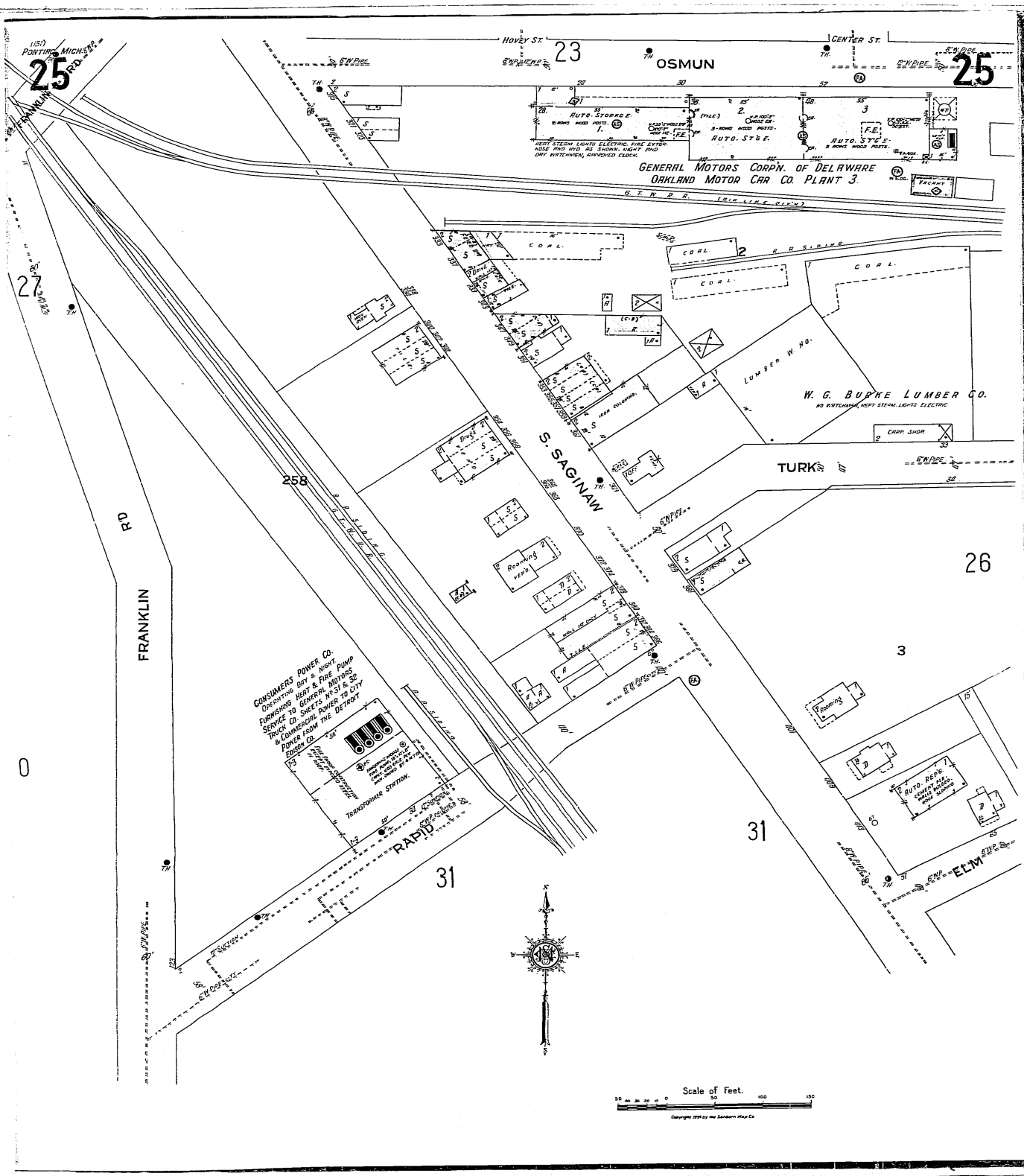
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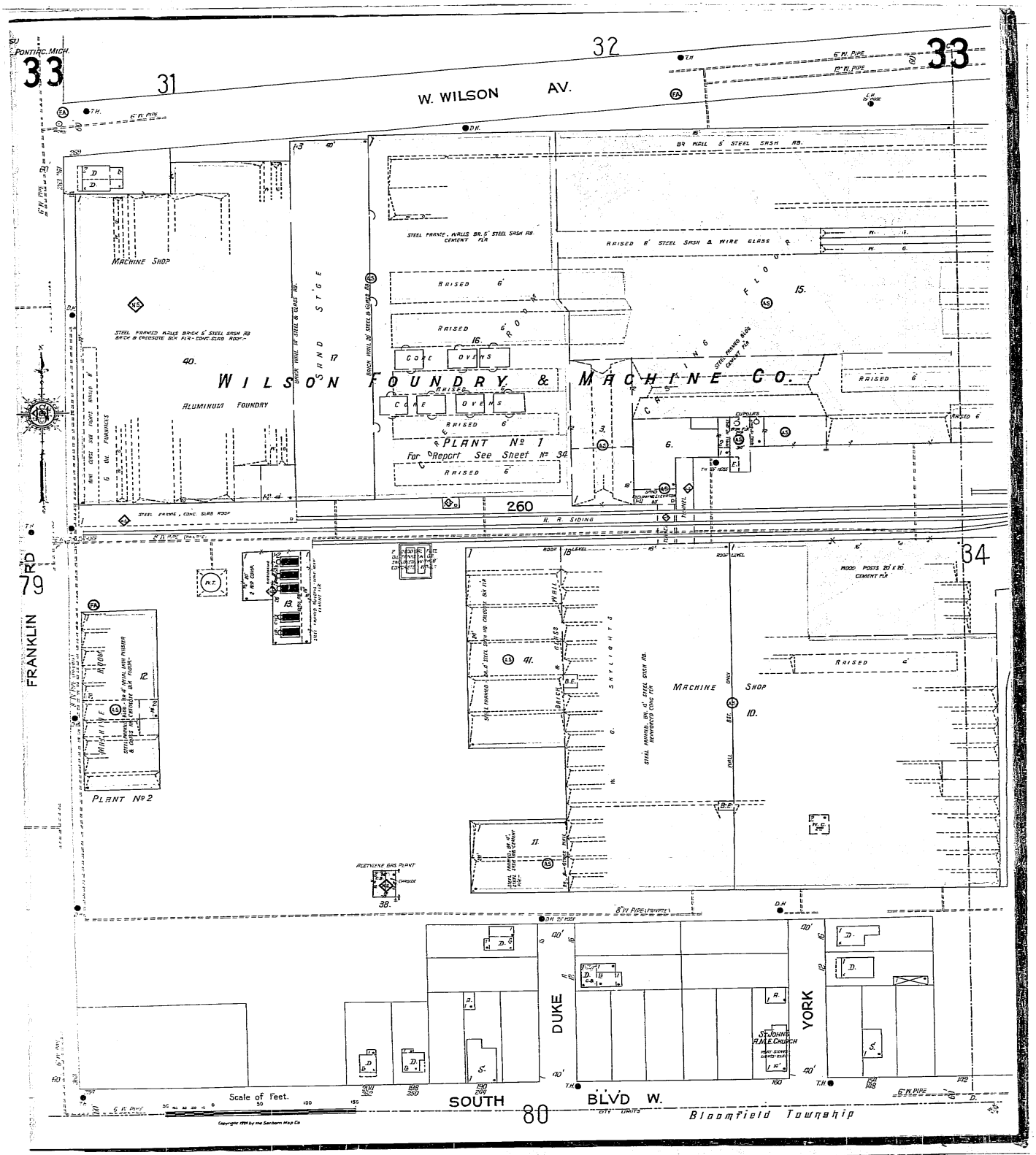
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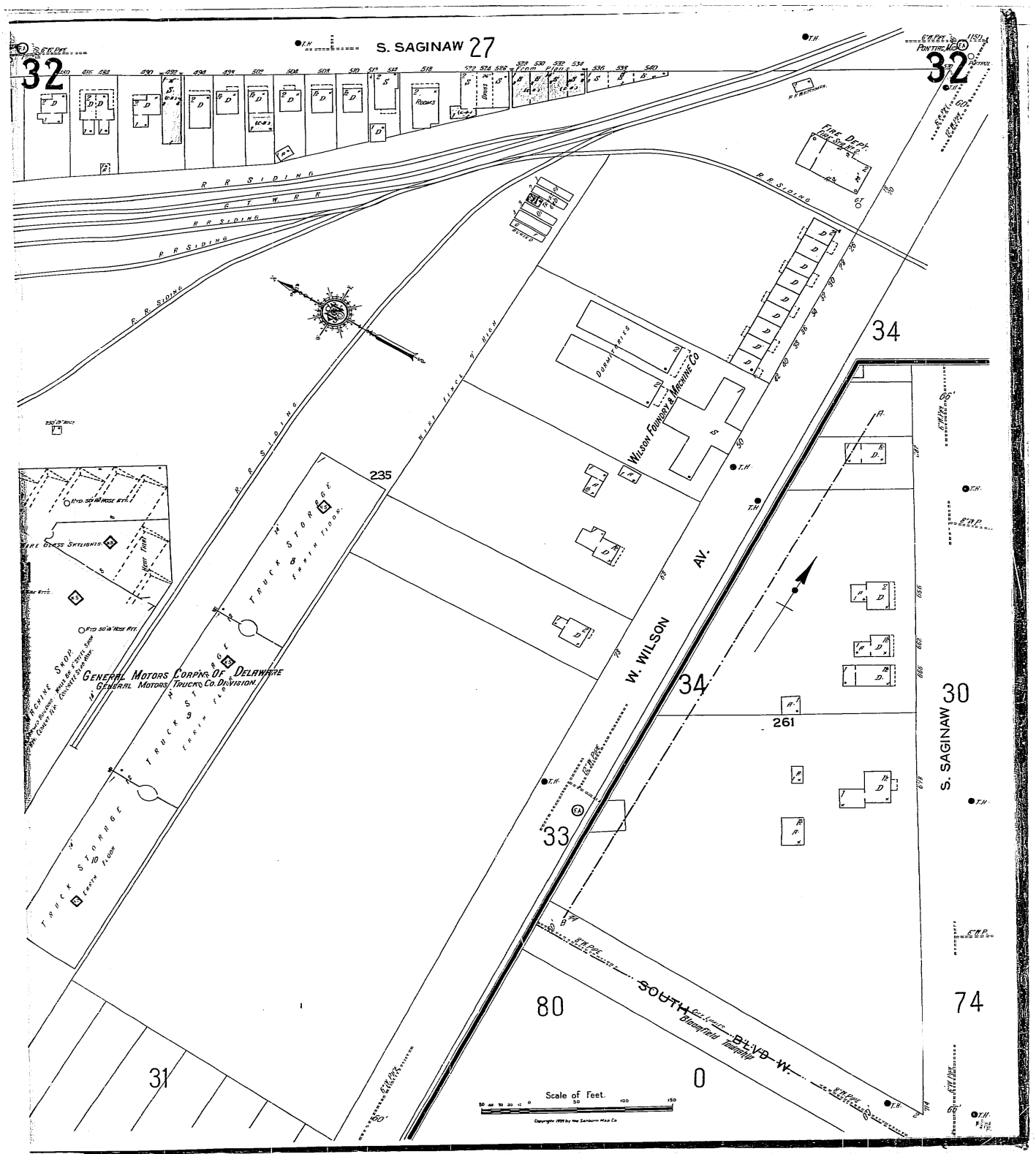
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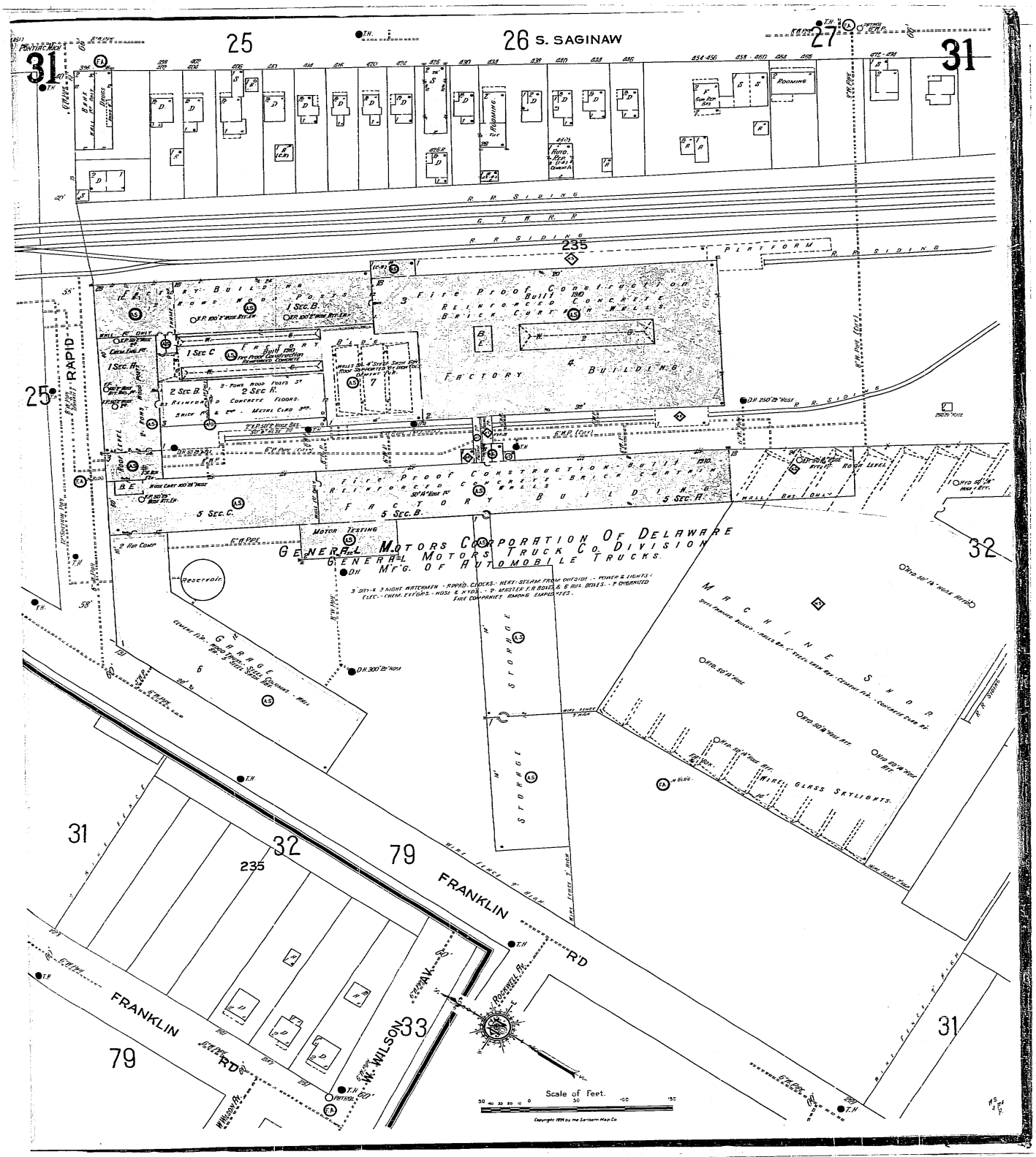


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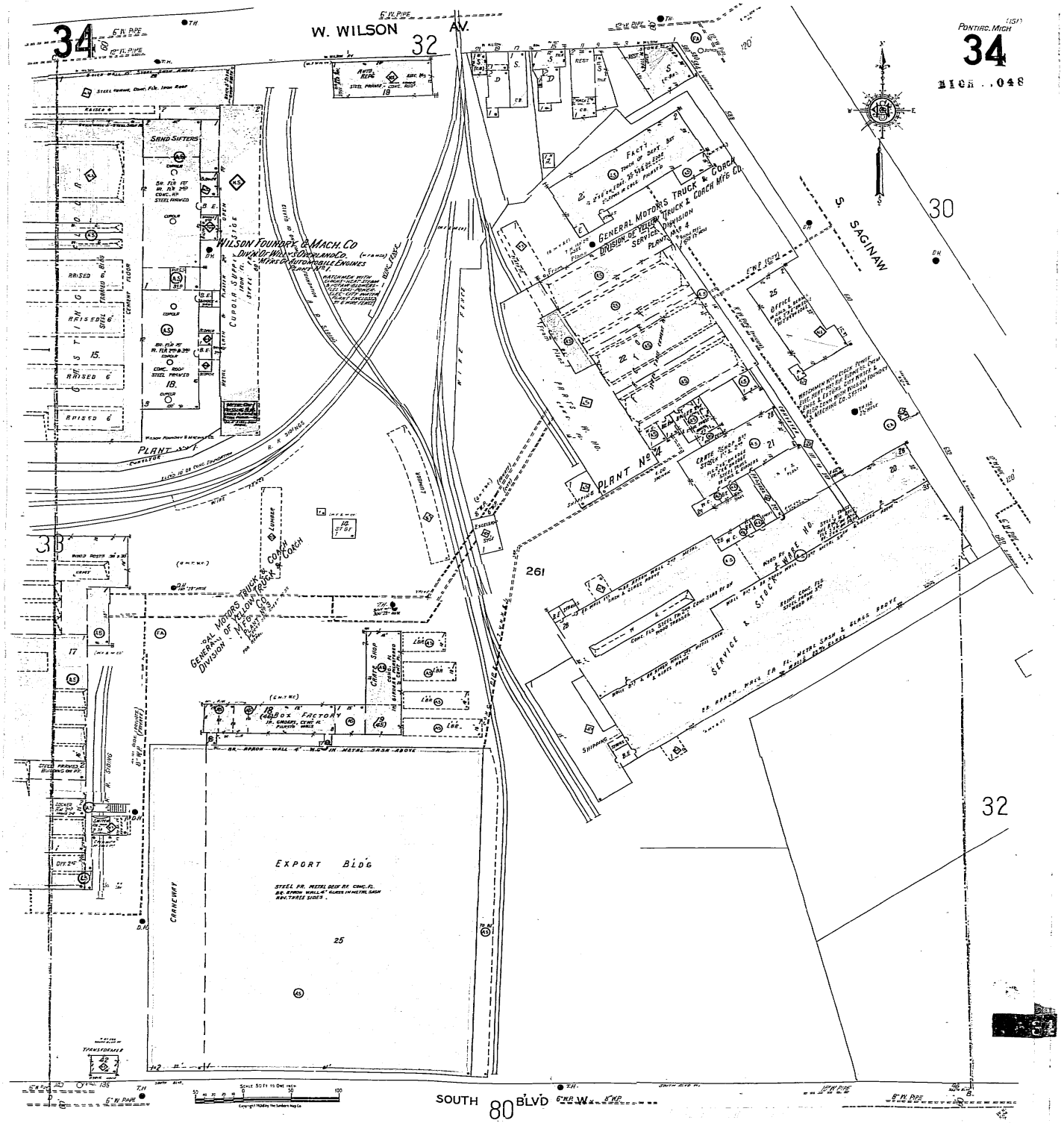




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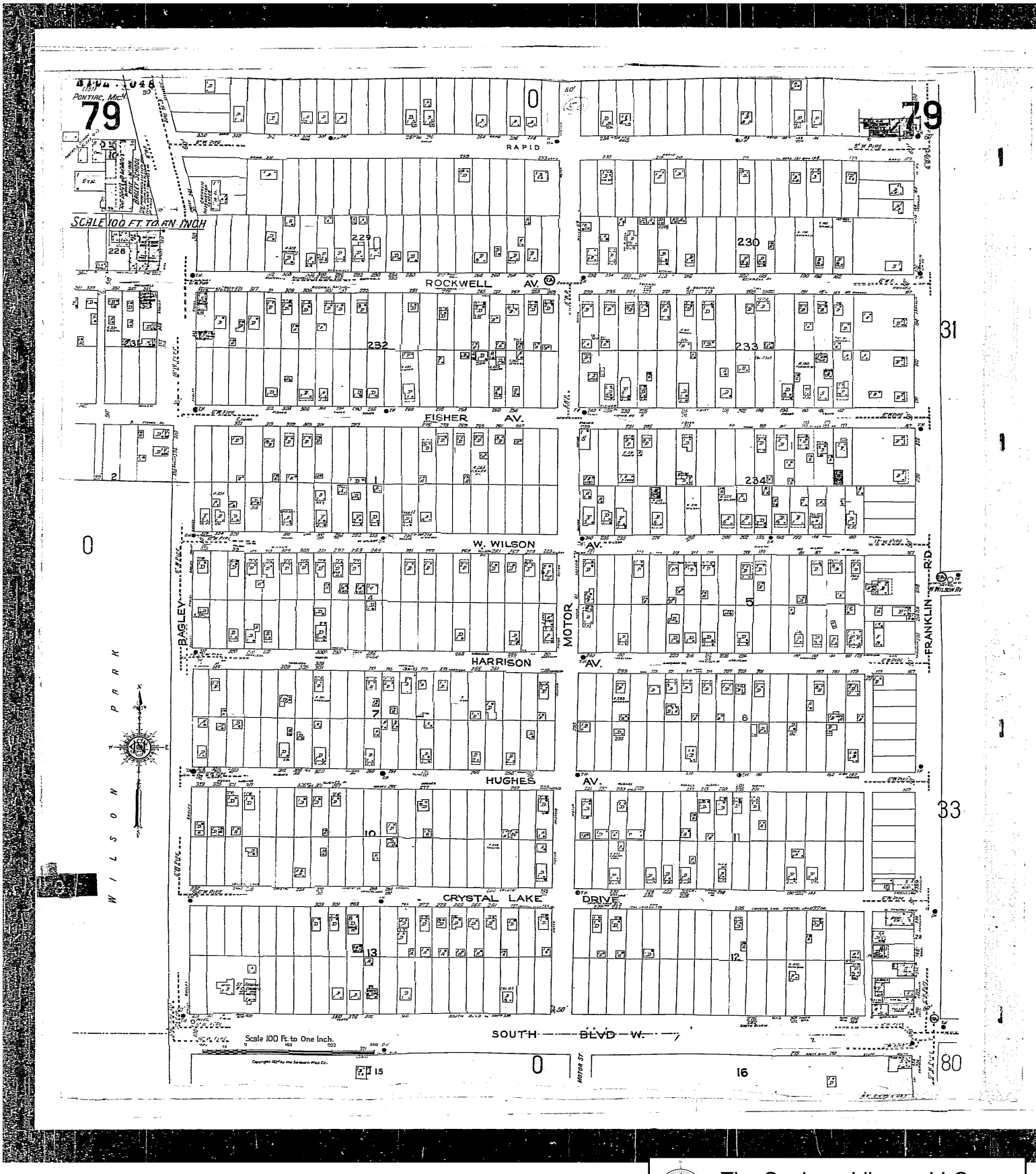


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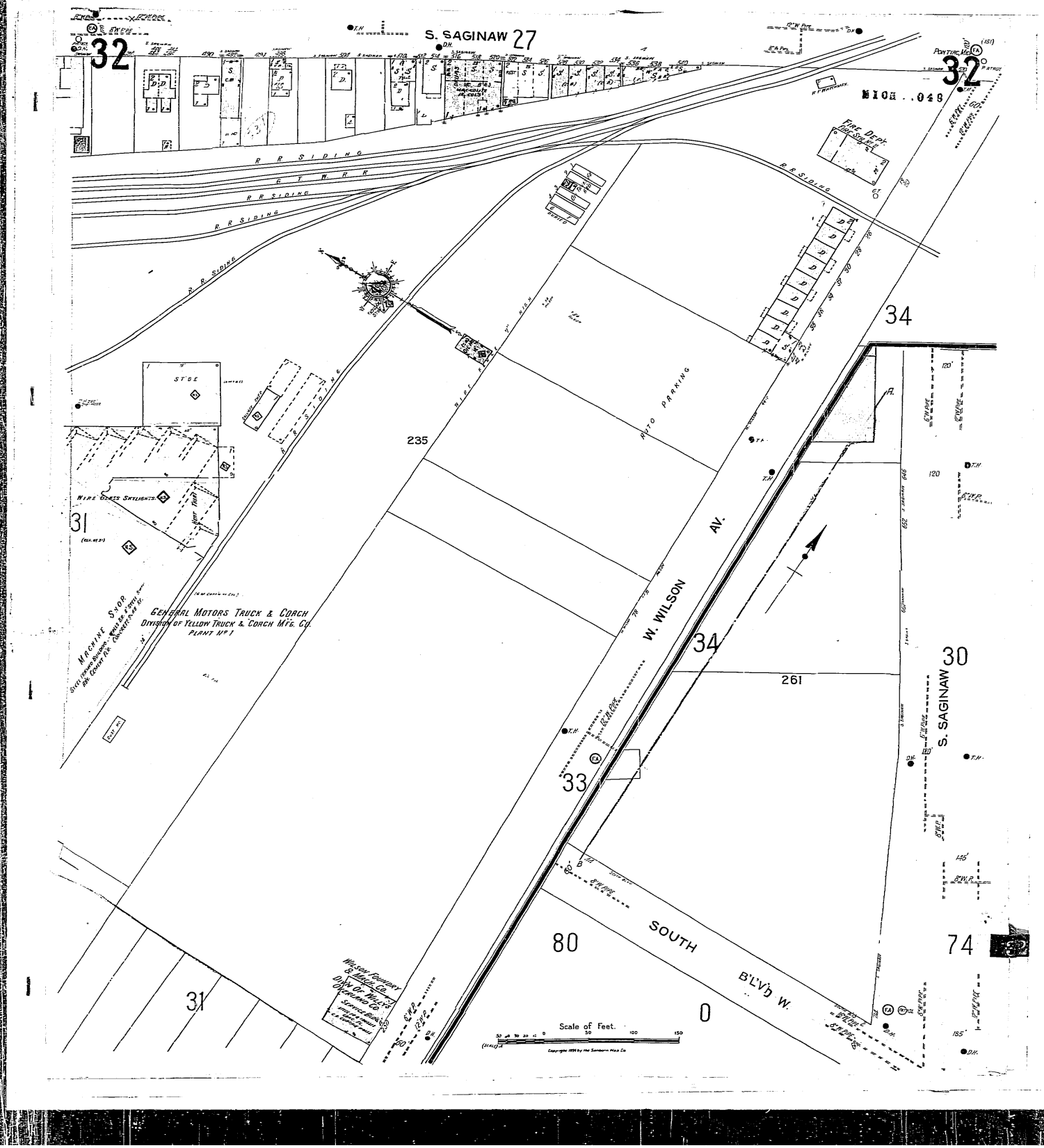
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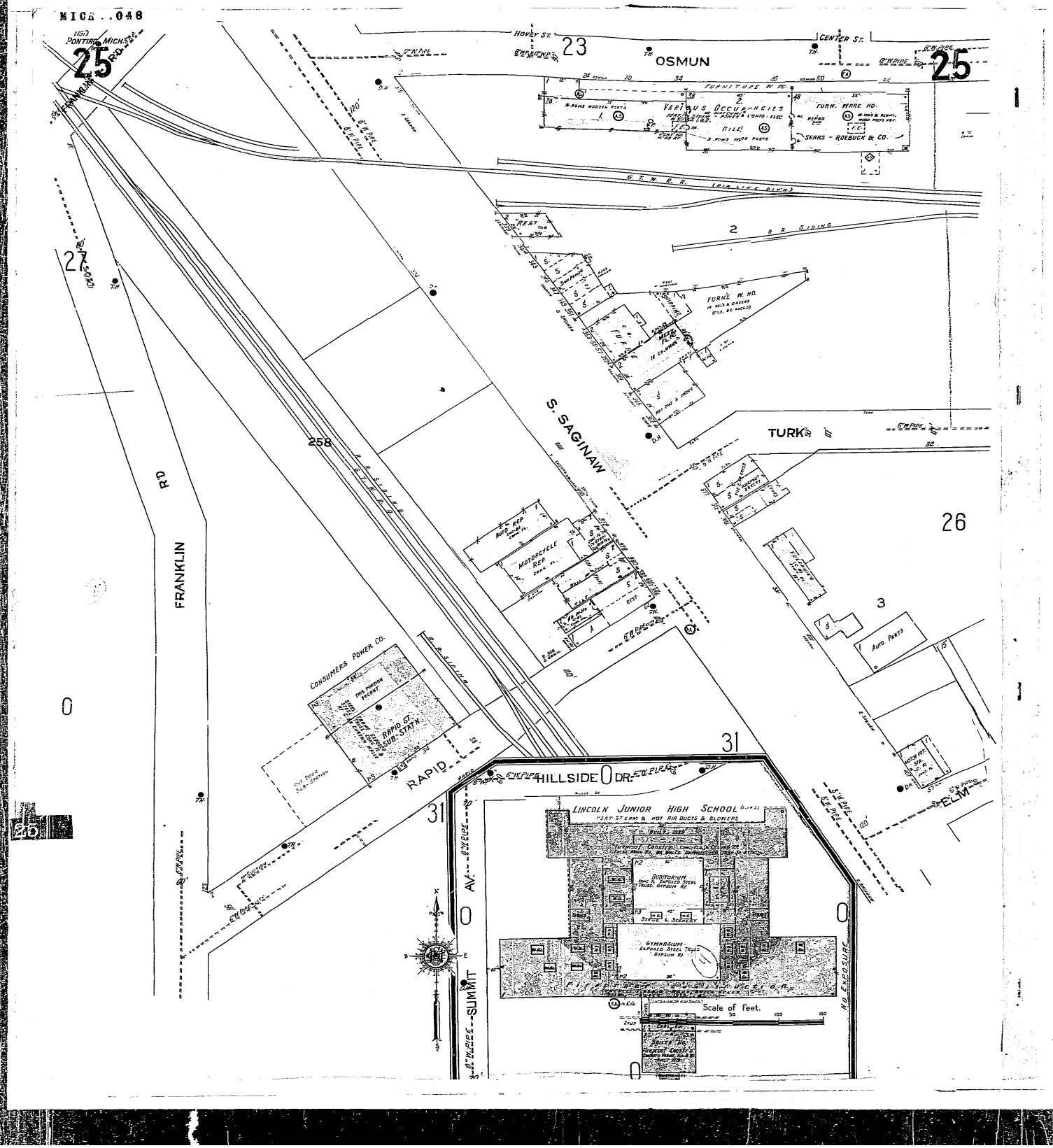
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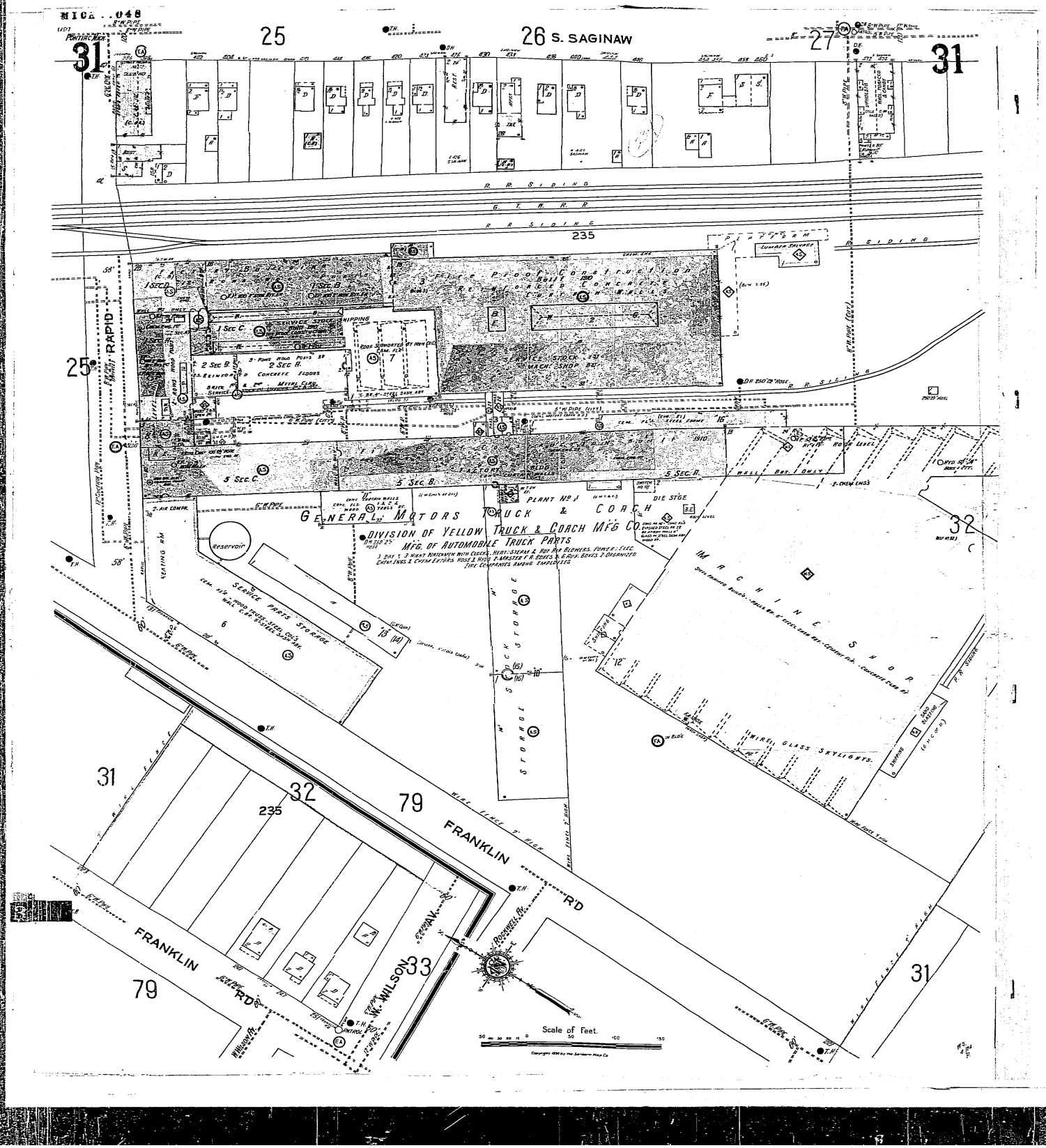
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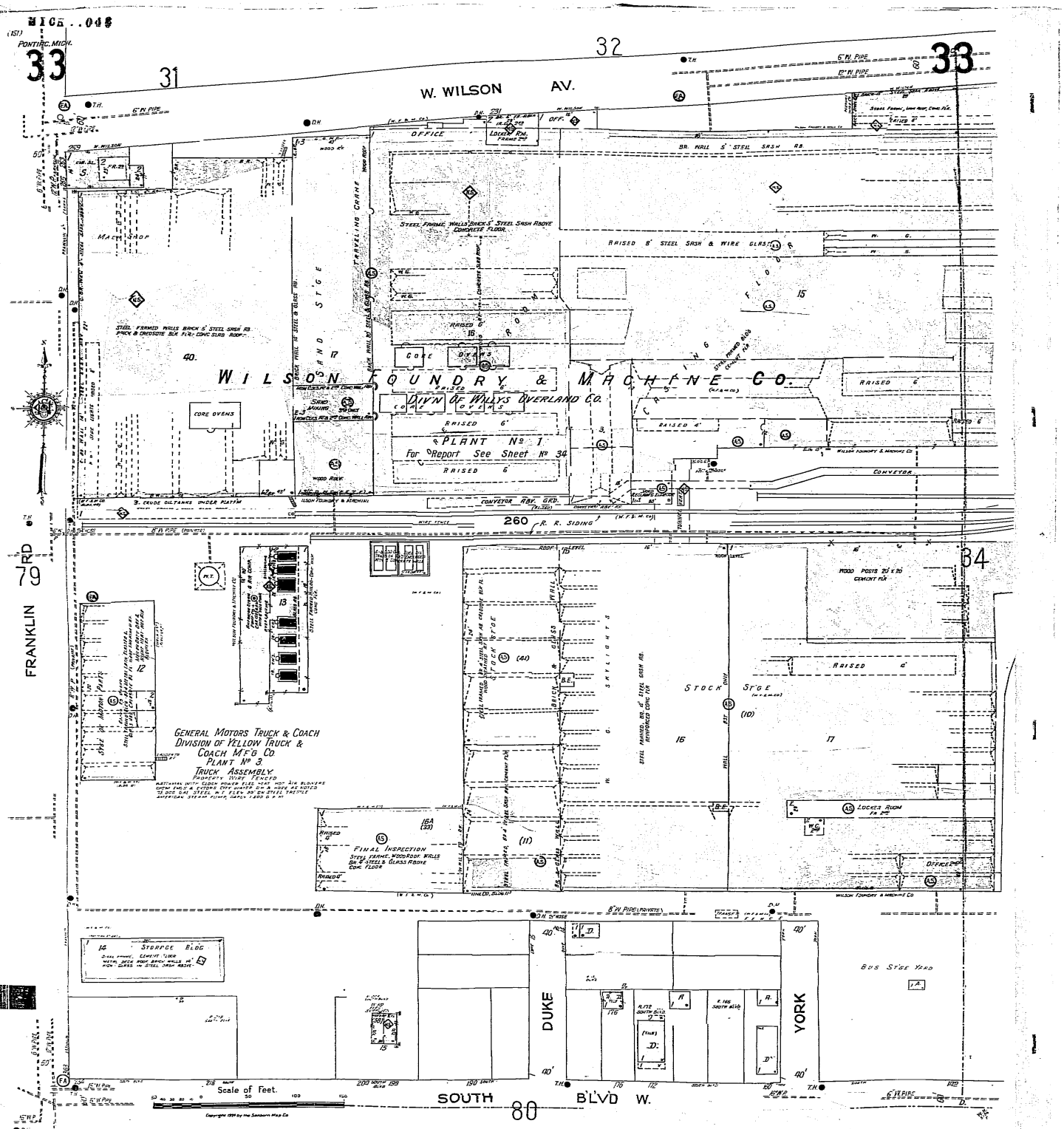


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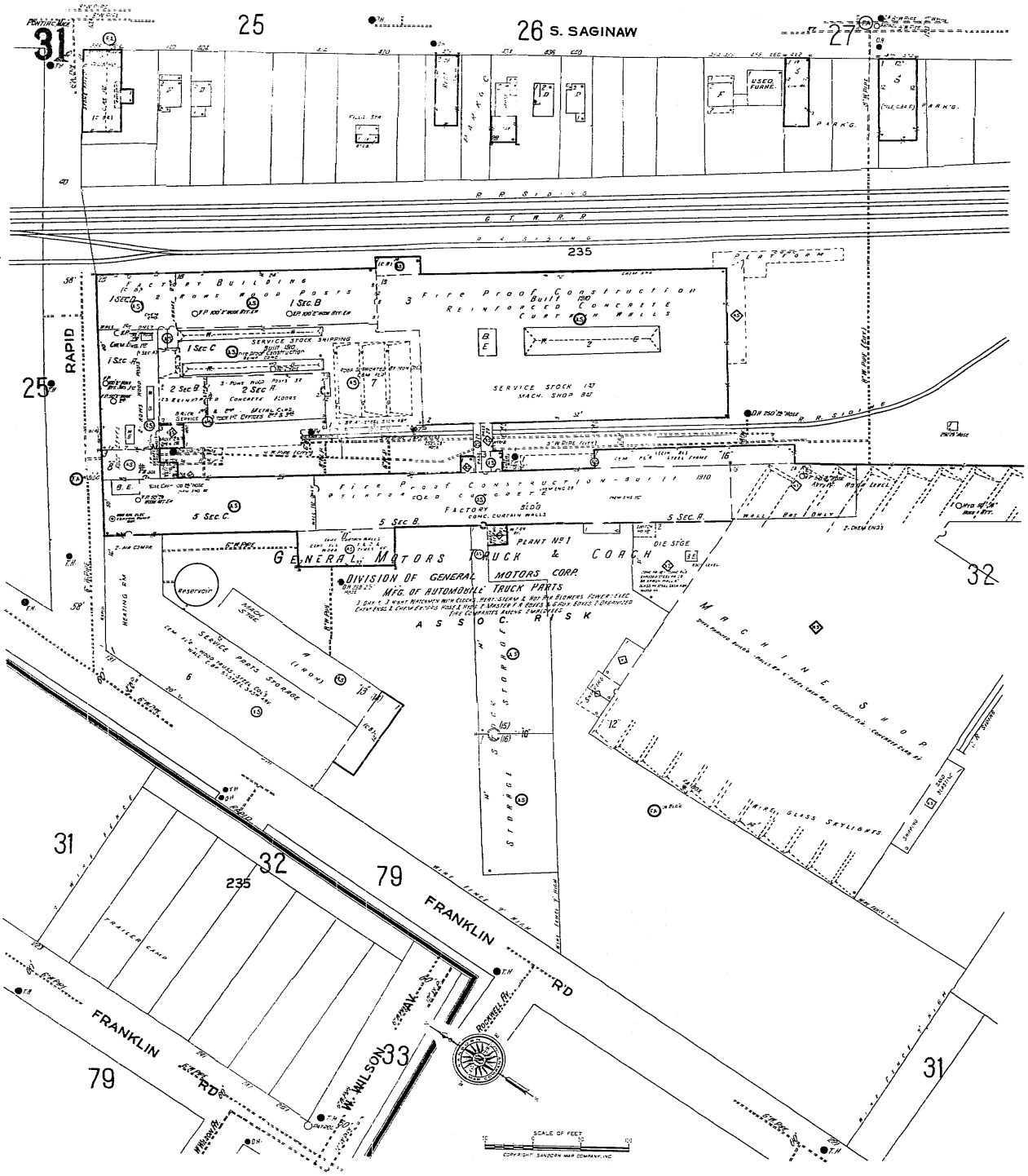


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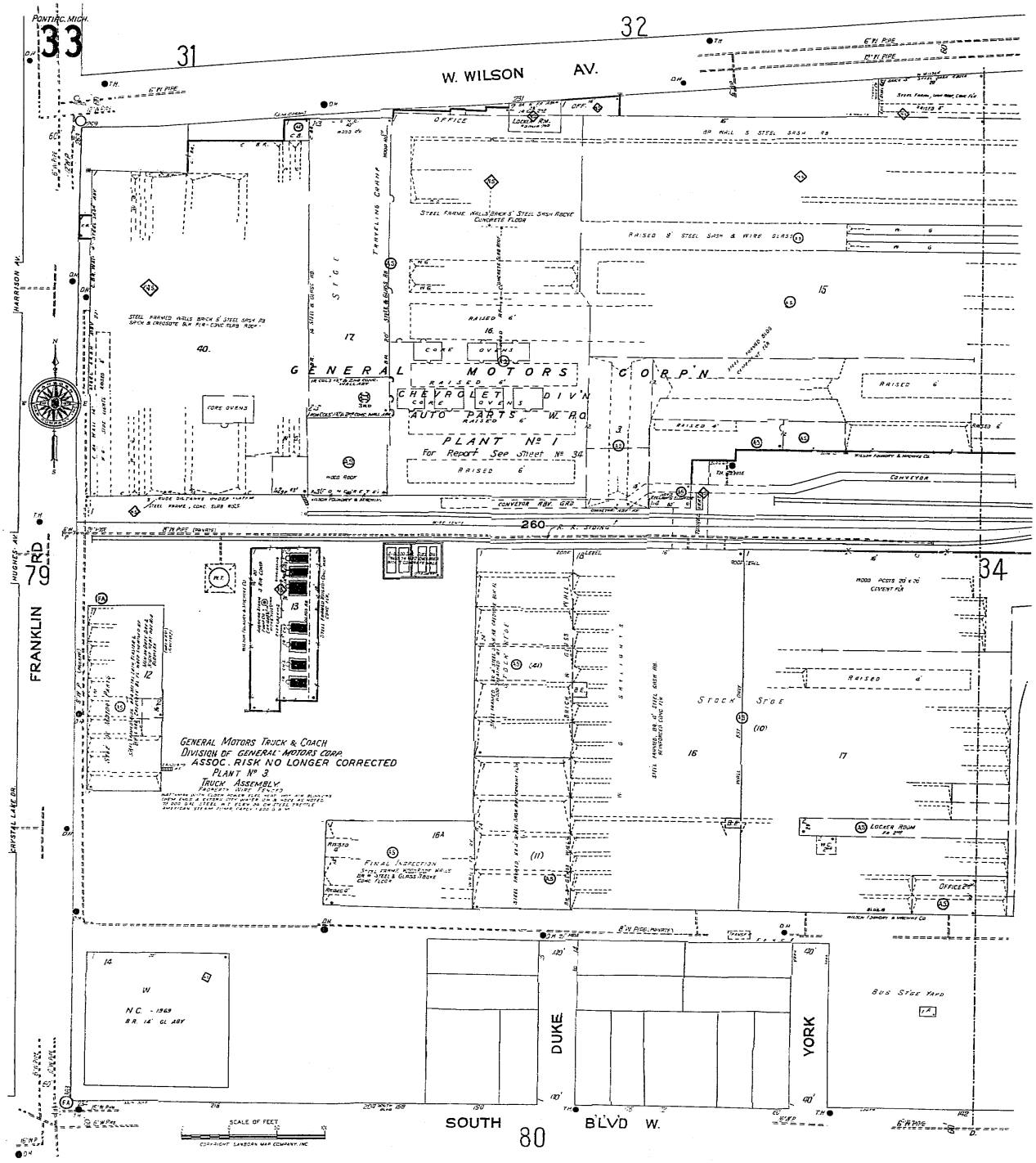
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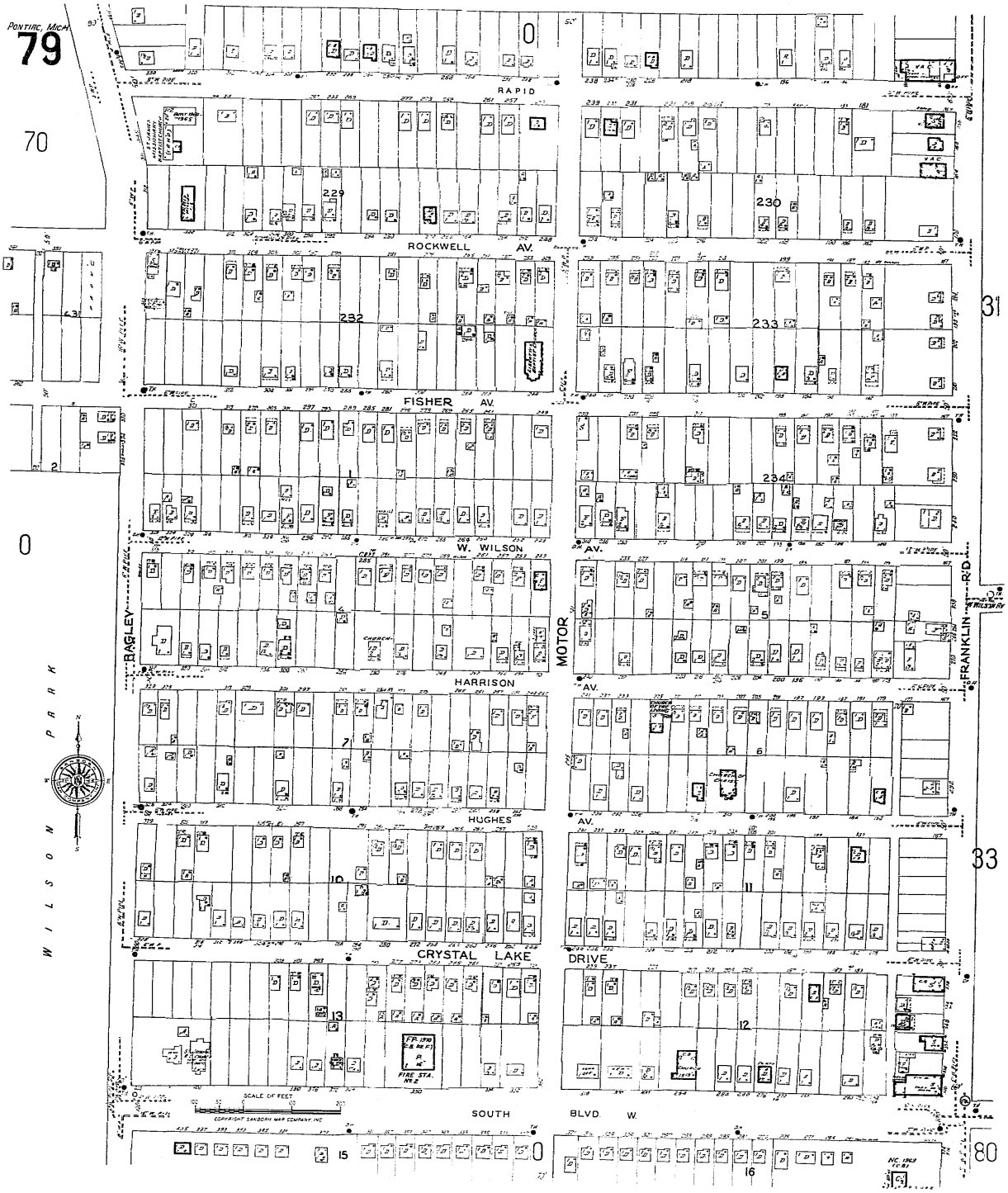
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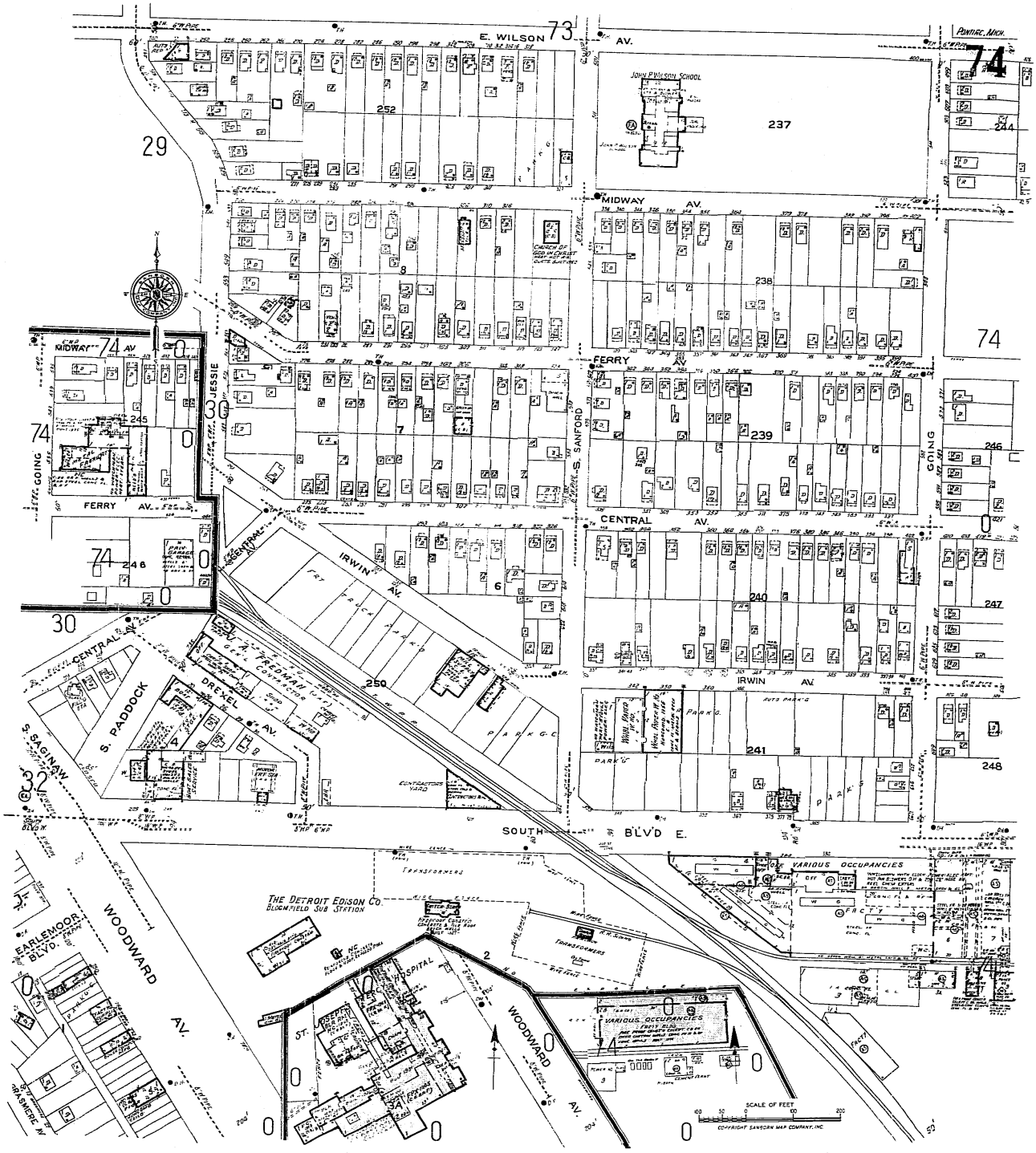
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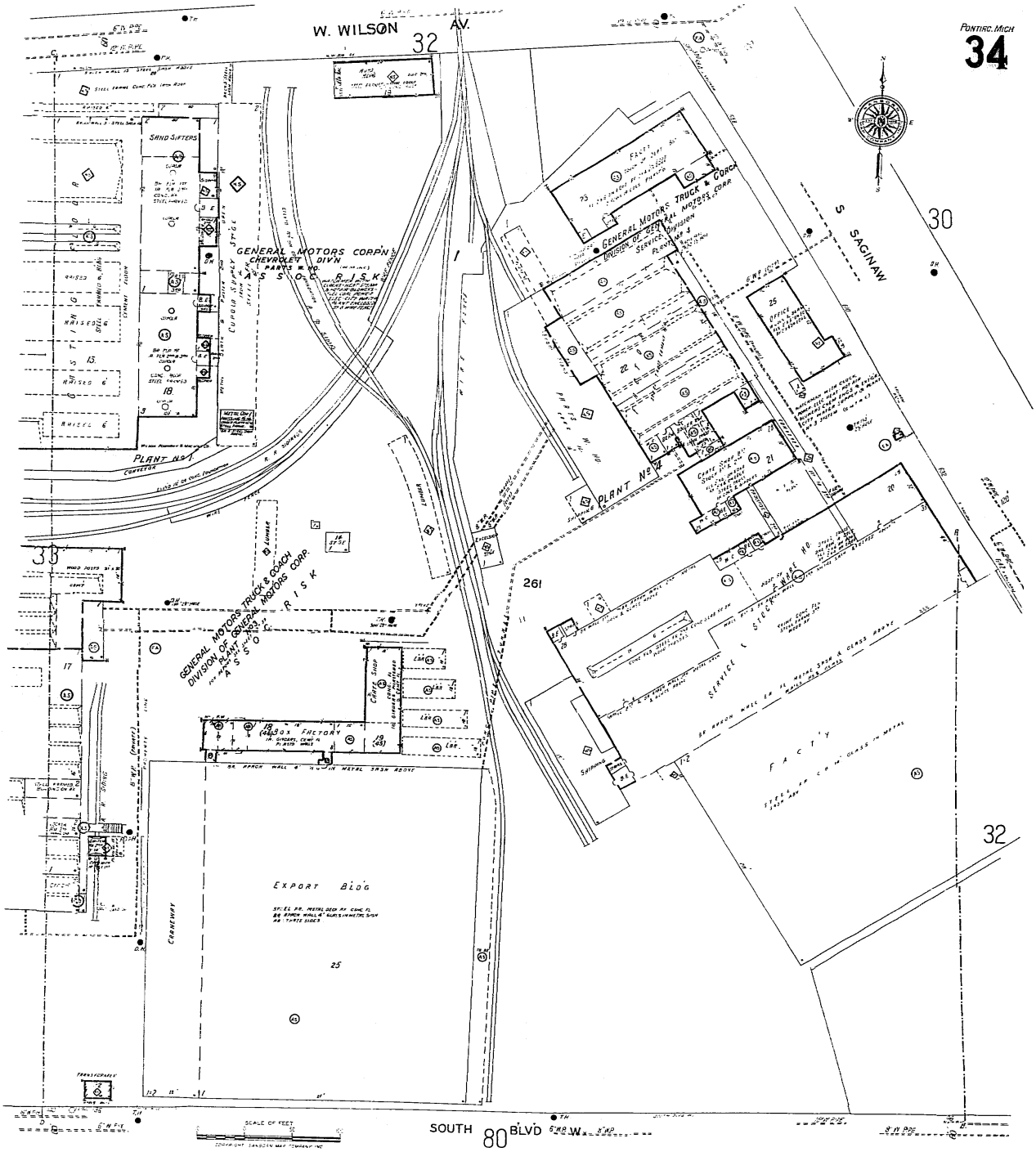


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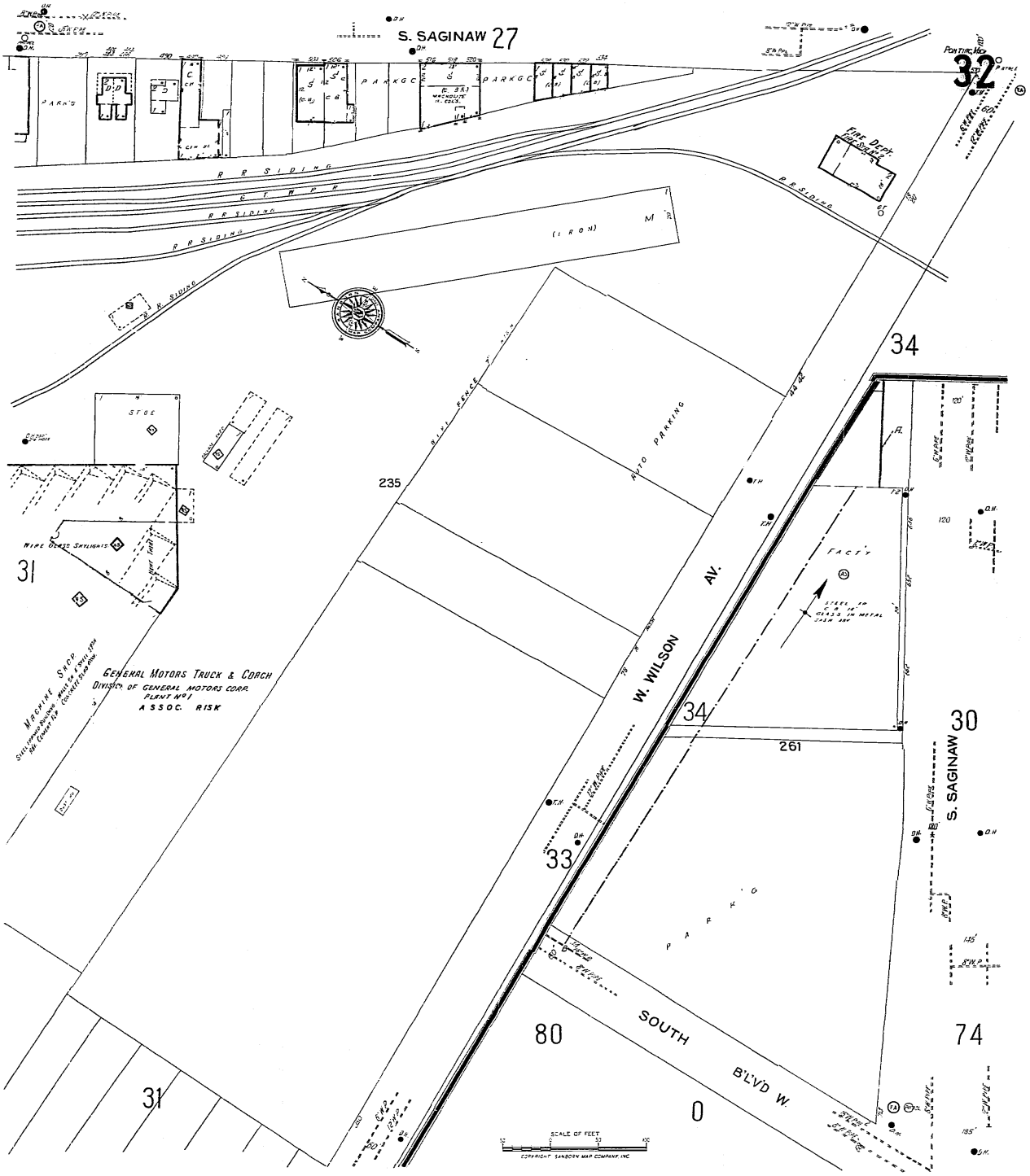




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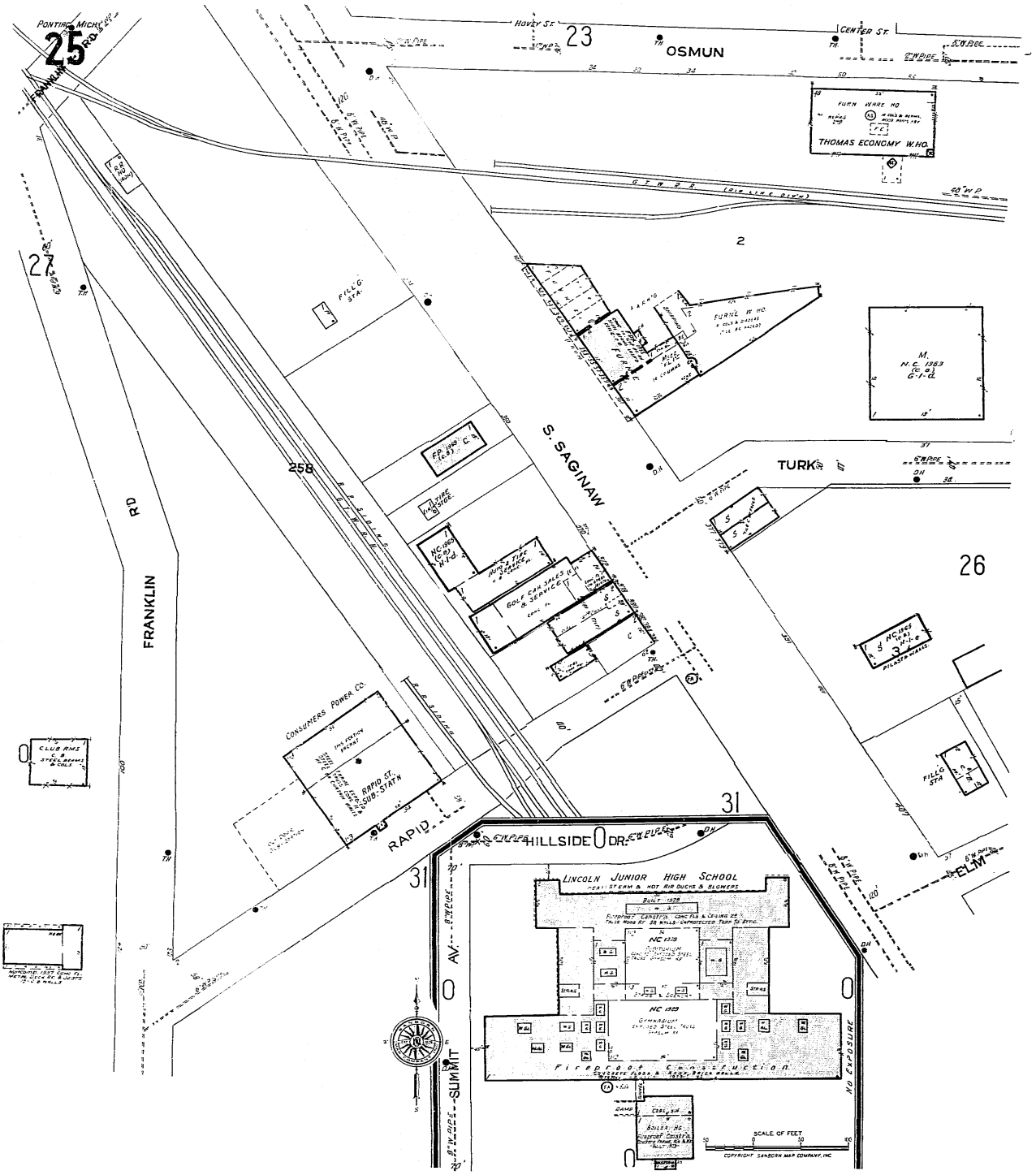
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City Directory Abstract

1306-1 PCC Validation
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2648698.6
December 03, 2009

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
2009	Bresser's Criss-Cross Directory	X	X	X	-
2004	Bresser's Criss-Cross Directory	-	X	X	-
1999	Bresser's Criss-Cross Directory	X	X	X	-
1994	Bresser's Criss-Cross Directory	-	X	X	-
1989	Bresser's Criss-Cross Directory	-	X	X	-
1984	Bresser's Criss-Cross Directory	-	X	X	-
1979	Bresser's Criss-Cross Directory	-	X	X	-
1974	Bresser's Criss-Cross Directory	-	X	X	-
1962	Polk's City Directory	-	X	X	-
1957	Polk's City Directory	-	X	X	-
1952	Polk's City Directory	-	X	X	-
1945	Polk's City Directory	-	X	X	-
1939	Polk's City Directory	-	X	X	-
1931	Polk's City Directory	-	X	X	-
1927	Polk's City Directory	-	X	X	-
1922	Polk's City Directory	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

200 South Boulevard West
Pontiac, MI 48341

FINDINGS DETAIL

Target Property research detail.

Year	*Uses*	*Source*
2009	Electronic Data Systems	Bresser's Criss-Cross Directory
	General Motors Corp.	Bresser's Criss-Cross Directory
1999	Demaria Building Co.	Bresser's Criss-Cross Directory
	Lasalle Group	Bresser's Criss-Cross Directory
	Post Electric Co.	Bresser's Criss-Cross Directory
	Progressive Mechl.	Bresser's Criss-Cross Directory
	SCI Steelcon	Bresser's Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

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

Highland Ave.

Highland Ave.

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

317 Highland Ave.

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory

320 Highland Ave.

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory

347 Highland Ave.

Year	Uses	Source
2009	Uncle Ed's Oil Shoppe	Bresser's Criss-Cross Directory

South Boulevard West

141 South Boulevard West

Year	Uses	Source
2009	John's Barber Shop	Bresser's Criss-Cross Directory
2004	John's Barber Shop	Bresser's Criss-Cross Directory
1999	John's Barber Shop	Bresser's Criss-Cross Directory
1994	John's Barber Shop	Bresser's Criss-Cross Directory
1989	John's Barber Shop	Bresser's Criss-Cross Directory
1984	John's Barber Shop	Bresser's Criss-Cross Directory
1979	Marie Barber & Beauty Shop	Bresser's Criss-Cross Directory
	Pop's Crnr. Brbr. Shop	Bresser's Criss-Cross Directory
1974	Marie Barber Shop	Bresser's Criss-Cross Directory
	Pop's Crnr. Brbr. Shop	Bresser's Criss-Cross Directory
1962	Pop's & Marie's Cozy Corner Barber & Beauty Shop	Polk's City Directory
1957	Pop's & Marie's Cozy Corner Barber & Beauty Shop	Polk's City Directory

FINDINGS

Year	Uses	Source
1952	Andrew N. Culp (gro. & barber)	Polk's City Directory
1945	Andrew N. Culp (barber)	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Samuel Berbeck (billiards)	Polk's City Directory

145 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	No Return	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	No Return	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

147 South Boulevard West

Year	Uses	Source
2004	No Return	Bresser's Criss-Cross Directory
1999	No Return	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Vacant	Polk's City Directory
1927	Residential	Polk's City Directory

FINDINGS

Year	Uses	Source
1922	Residential	Polk's City Directory

151 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

151 1/2 South Boulevard West

Year	Uses	Source
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1931	Residential	Polk's City Directory

154 South Boulevard West

Year	Uses	Source
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Emma Watkins (hairdresser)	Polk's City Directory

155 South Boulevard West

Year	Uses	Source
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Mamie Daniel (restr.)	Polk's City Directory
1939	William Rouse (billiards)	Polk's City Directory
1931	Thomas Manning (billiards)	Polk's City Directory

FINDINGS

Year	Uses	Source
1927	Gordon Williams & Co. (gros.)	Polk's City Directory
1922	Residential	Polk's City Directory

155 1/2 South Boulevard West

Year	Uses	Source
1952	Residential	Polk's City Directory
1945	Vacant	Polk's City Directory

157 South Boulevard West

Year	Uses	Source
1999	Arzo's Intgrtd. Weld	Bresser's Criss-Cross Directory
1994	Arzo's Hnd. Car Wsh.	Bresser's Criss-Cross Directory
1989	Car Health Spa	Bresser's Criss-Cross Directory
1984	Chuck's Car Wash	Bresser's Criss-Cross Directory
	Sewell's Rib Shack	Bresser's Criss-Cross Directory
1979	B & G Hand Car Wash	Bresser's Criss-Cross Directory

159 South Boulevard West

Year	Uses	Source
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	Roumanian Baptist Church	Polk's City Directory
1927	Vacant	Polk's City Directory
1922	Residential	Polk's City Directory

160 South Boulevard West

Year	Uses	Source
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Louis Rekisan (feed)	Polk's City Directory

FINDINGS

161 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	South Side Pool Room	Polk's City Directory
1957	South Side Pool Room	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Wesley Jackson (confr.)	Polk's City Directory
1939	Wesley Jackson (confr.)	Polk's City Directory
1931	Charles Henderson (restr)	Polk's City Directory
	Essie Long (barber)	Polk's City Directory
1927	Charles Henderson (restr)	Polk's City Directory
	Ross Woods (barber)	Polk's City Directory
1922	Residential	Polk's City Directory

161 rear South Boulevard West

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

165 South Boulevard West

Year	Uses	Source
2004	Residential	Bresser's Criss-Cross Directory

166 South Boulevard West

Year	Uses	Source
1931	Vacant	Polk's City Directory
1927	Residential	Polk's City Directory

170 South Boulevard West

Year	Uses	Source
1952	No Return	Polk's City Directory
1945	Residential	Polk's City Directory

172 South Boulevard West

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

FINDINGS

Year	Uses	Source
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory

176 South Boulevard West

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

177 South Boulevard West

Year	Uses	Source
1999	Cmptr. Intgrtd. Weld	Bresser's Criss-Cross Directory

181 South Boulevard West

Year	Uses	Source
2009	Residential	Bresser's Criss-Cross Directory
2004	Residential	Bresser's Criss-Cross Directory
1999	No Return	Bresser's Criss-Cross Directory
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

FINDINGS

185 South Boulevard West

Year	Uses	Source
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

187 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	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
1922	Vacant	Polk's City Directory

189 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Vacant	Polk's City Directory
1927	Vacant	Polk's City Directory

190 South Boulevard West

Year	Uses	Source
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Roumanian Grocery	Polk's City Directory

FINDINGS

Year	Uses	Source
1927	Roumanian Grocery	Polk's City Directory
1922	Gerzanics & Antal (grocers)	Polk's City Directory

192 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory

192 1/2 South Boulevard West

Year	Uses	Source
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory

193 South Boulevard West

Year	Uses	Source
1994	No Return	Bresser's Criss-Cross Directory
1974	Jack's Barber Shop	Bresser's Criss-Cross Directory
1962	Vogue Beauty Salon	Polk's City Directory
1957	Vogue Beauty Salon	Polk's City Directory
1952	Vacant	Polk's City Directory
1945	Vacant	Polk's City Directory
1939	Vacant	Polk's City Directory
1931	Eagle Baking Co.	Polk's City Directory

193 1/2 South Boulevard West

Year	Uses	Source
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

195 South Boulevard West

Year	Uses	Source
2009	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
2004	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1999	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory
1994	House of Burns Memorial Chapel	Bresser's Criss-Cross Directory

FINDINGS

Year	Uses	Source
1989	House of Burns Memorial	Bresser's Criss-Cross Directory
1979	Jack's Barber Shop	Bresser's Criss-Cross Directory
	John's Party Store	Bresser's Criss-Cross Directory
1974	John's Party Store	Bresser's Criss-Cross Directory
1962	Jack's Barber Shop	Polk's City Directory
	Riddick's Pharmacy	Polk's City Directory
1957	Jack's Barber Shop	Polk's City Directory
	Ramsey's Restr.	Polk's City Directory
1952	Residential	Polk's City Directory
1939	Vacant	Polk's City Directory
1931	Eagle Baking Co.	Polk's City Directory

195 1/2 South Boulevard West

Year	Uses	Source
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Vacant	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory

198 South Boulevard West

Year	Uses	Source
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

204 South Boulevard West

Year	Uses	Source
1927	Residential	Polk's City Directory
1922	Residential	Polk's City Directory

205 South Boulevard West

Year	Uses	Source
1922	Residential	Polk's City Directory

207 South Boulevard West

Year	Uses	Source
2009	Residential	Bresser's Criss-Cross Directory
2004	Residential	Bresser's Criss-Cross Directory

FINDINGS

Year	Uses	Source
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	No Return	Bresser's Criss-Cross Directory
1984	No Return	Bresser's Criss-Cross Directory
1979	No Return	Bresser's Criss-Cross Directory
1974	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

209 South Boulevard West

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

213 South Boulevard West

Year	Uses	Source
1927	Vacant	Polk's City Directory
1922	Vacant	Polk's City Directory

215 South Boulevard West

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

215 1/2 South Boulevard West

Year	Uses	Source
1931	Residential	Polk's City Directory

FINDINGS

217 South Boulevard West

Year	Uses	Source
2009	Residential	Bresser's Criss-Cross Directory
2004	Residential	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1984	Residential	Bresser's Criss-Cross Directory
1979	Residential	Bresser's Criss-Cross Directory
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Vacant	Polk's City Directory
1922	Vacant	Polk's City Directory

218 South Boulevard West

Year	Uses	Source
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory
1927	Vacant	Polk's City Directory

219 South Boulevard West

Year	Uses	Source
1931	Residential	Polk's City Directory
1927	Residential	Polk's City Directory
1922	Vacant	Polk's City Directory

243 South Boulevard West

Year	Uses	Source
2004	No Return	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory

250 South Boulevard West

Year	Uses	Source
2004	No Return	Bresser's Criss-Cross Directory

FINDINGS

254 South Boulevard West

Year	Uses	Source
1974	Residential	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory
1952	Residential	Polk's City Directory
1945	Residential	Polk's City Directory
1939	Residential	Polk's City Directory
1931	Residential	Polk's City Directory

254 1/2 South Boulevard West

Year	Uses	Source
1952	Residential	Polk's City Directory

260 South Boulevard West

Year	Uses	Source
2009	Residential	Bresser's Criss-Cross Directory
2004	Residential	Bresser's Criss-Cross Directory
1999	Residential	Bresser's Criss-Cross Directory
1994	Residential	Bresser's Criss-Cross Directory
1989	Residential	Bresser's Criss-Cross Directory
1974	No Return	Bresser's Criss-Cross Directory
1962	Residential	Polk's City Directory
1957	Residential	Polk's City Directory

FINDINGS

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
200 South Boulevard West	2004, 1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

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

Address Researched	Address Not Listed in Research Source
151 1/2 South Boulevard West	1945, 1939, 1927, 1922
154 South Boulevard West	1922
155 1/2 South Boulevard West	1939, 1931, 1927, 1922
157 South Boulevard West	1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
161 rear South Boulevard West	1952, 1945, 1939, 1931, 1927, 1922
165 South Boulevard West	1999, 1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
166 South Boulevard West	1922
170 South Boulevard West	1939, 1931, 1927, 1922
172 South Boulevard West	1922
176 South Boulevard West	1922
177 South Boulevard West	1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
187 South Boulevard West	1927
189 South Boulevard West	1922
192 1/2 South Boulevard West	1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
192 South Boulevard West	1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
193 1/2 South Boulevard West	1945, 1939, 1931, 1927, 1922
193 South Boulevard West	1989, 1984, 1979, 1927, 1922
195 1/2 South Boulevard West	1945, 1939, 1931, 1927, 1922
195 South Boulevard West	1984, 1945, 1927, 1922
209 South Boulevard West	1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
215 1/2 South Boulevard West	1927, 1922
215 South Boulevard West	1927, 1922

FINDINGS

Address Researched	Address Not Listed in Research Source
217 South Boulevard West	1945
218 South Boulevard West	1922
243 South Boulevard West	1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
250 South Boulevard West	1999, 1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
254 1/2 South Boulevard West	1945, 1939, 1931, 1927, 1922
254 South Boulevard West	1927, 1922
260 South Boulevard West	1984, 1979, 1952, 1945, 1939, 1931, 1927, 1922
317 Highland Ave.	1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
320 Highland Ave.	1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922
347 Highland Ave.	2004, 1999, 1994, 1989, 1984, 1979, 1974, 1962, 1957, 1952, 1945, 1939, 1931, 1927, 1922

Topographic Maps

1306-1 PCC Validation
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2648698.4
December 01, 2009

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
with any questions or comments.

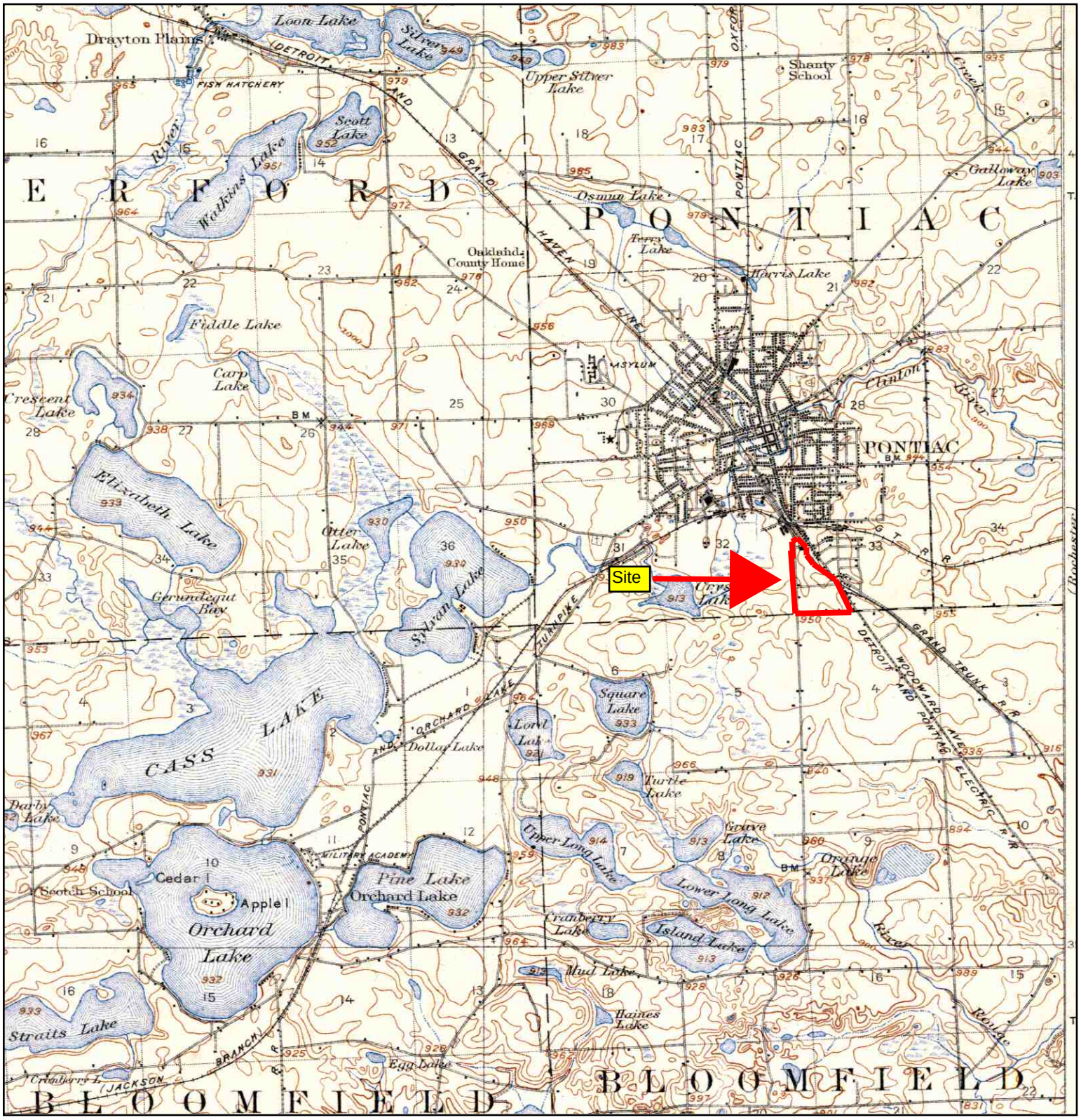
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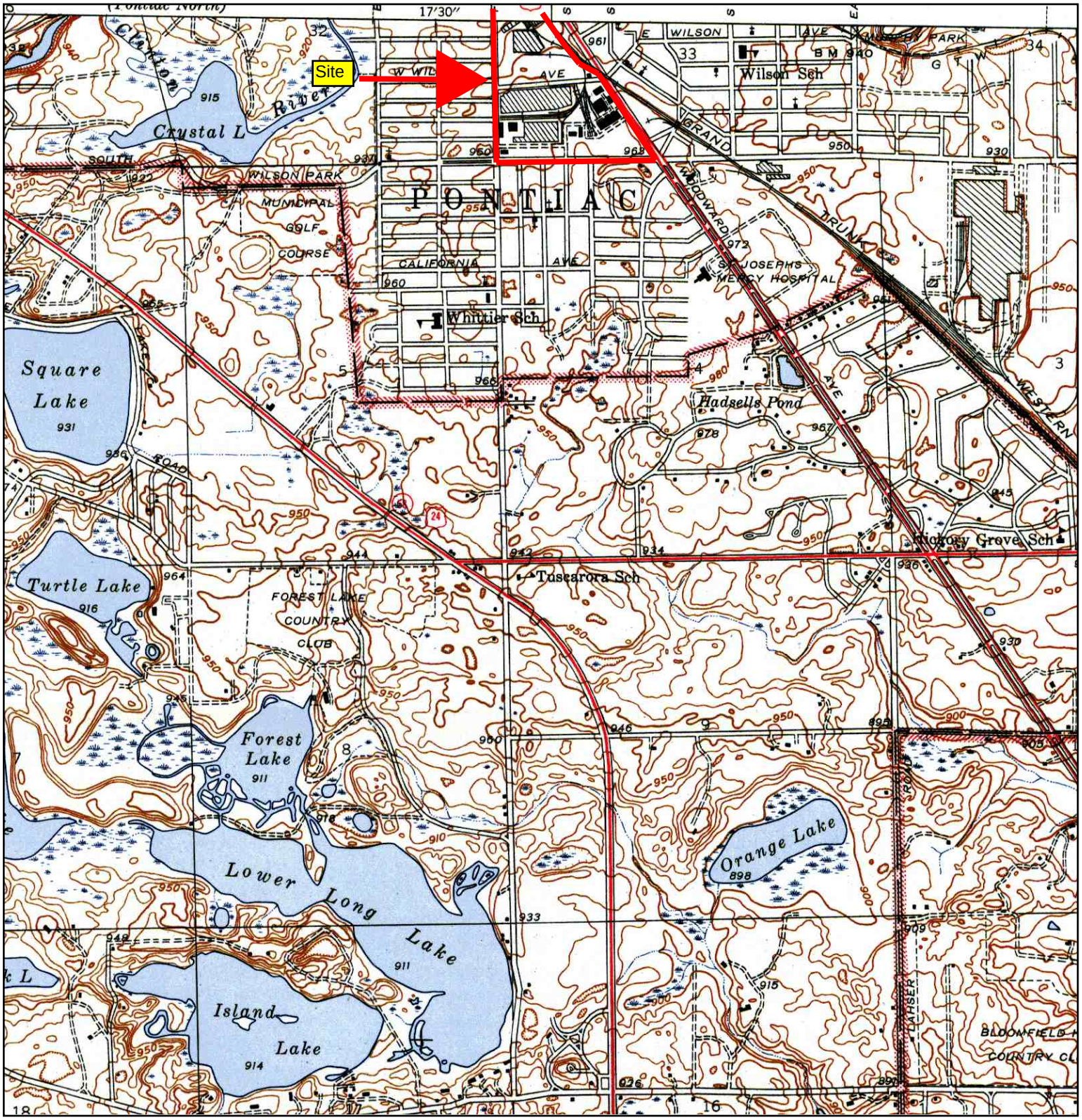
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Historical Topographic Map



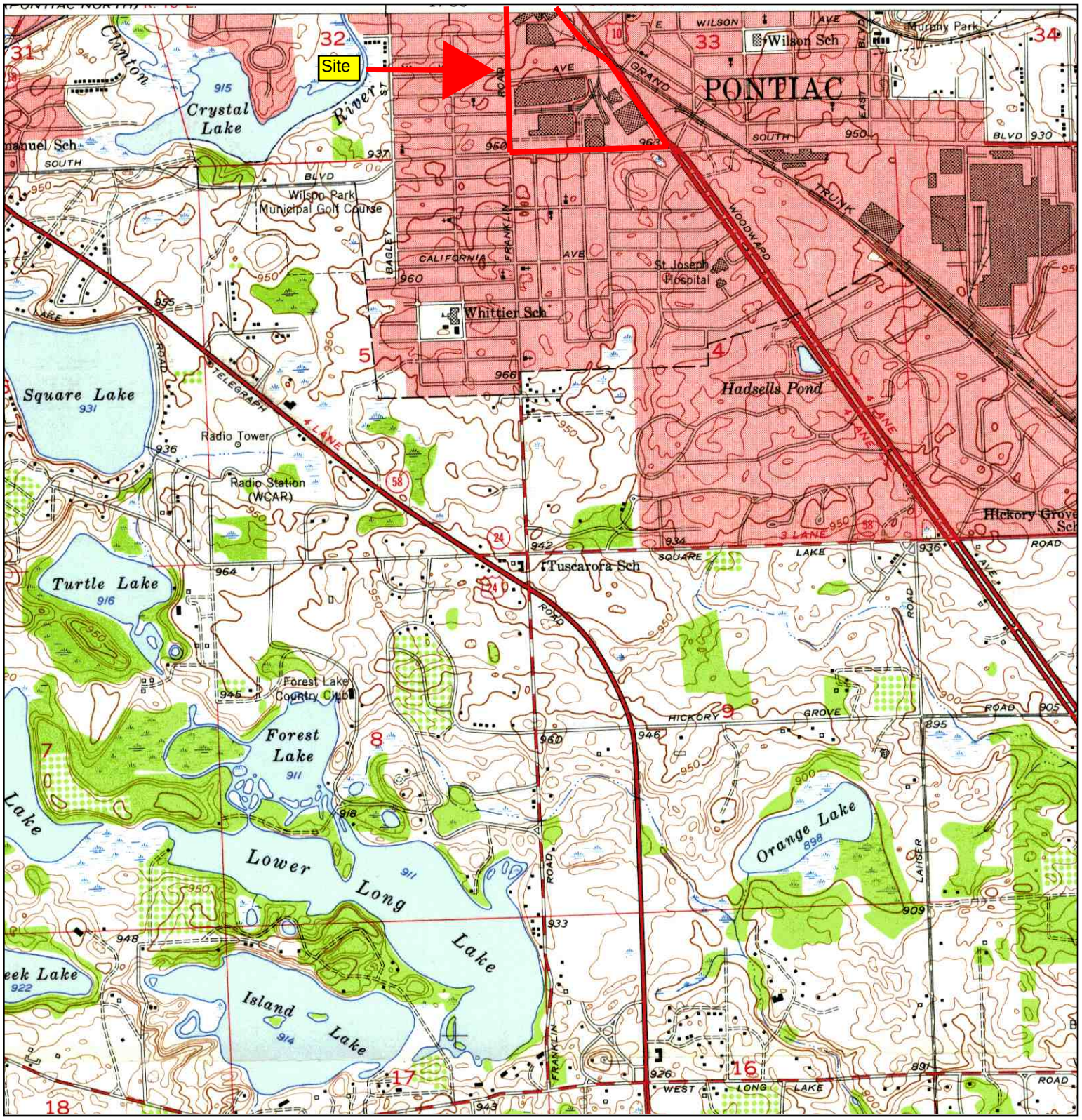
N	TARGET QUAD NAME: PONTIAC MAP YEAR: 1907 SERIES: 15 SCALE: 1:62500	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



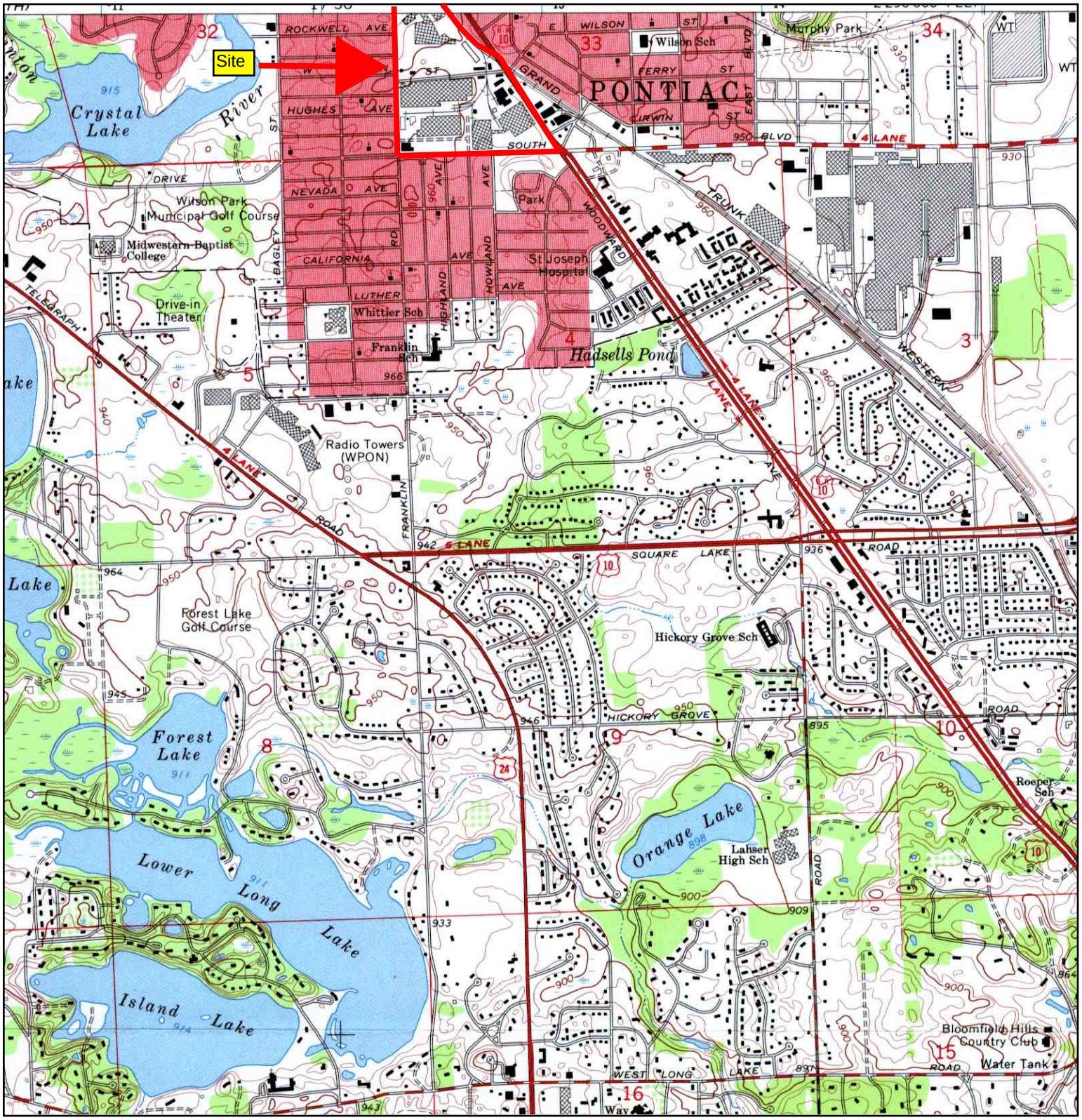
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1943 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



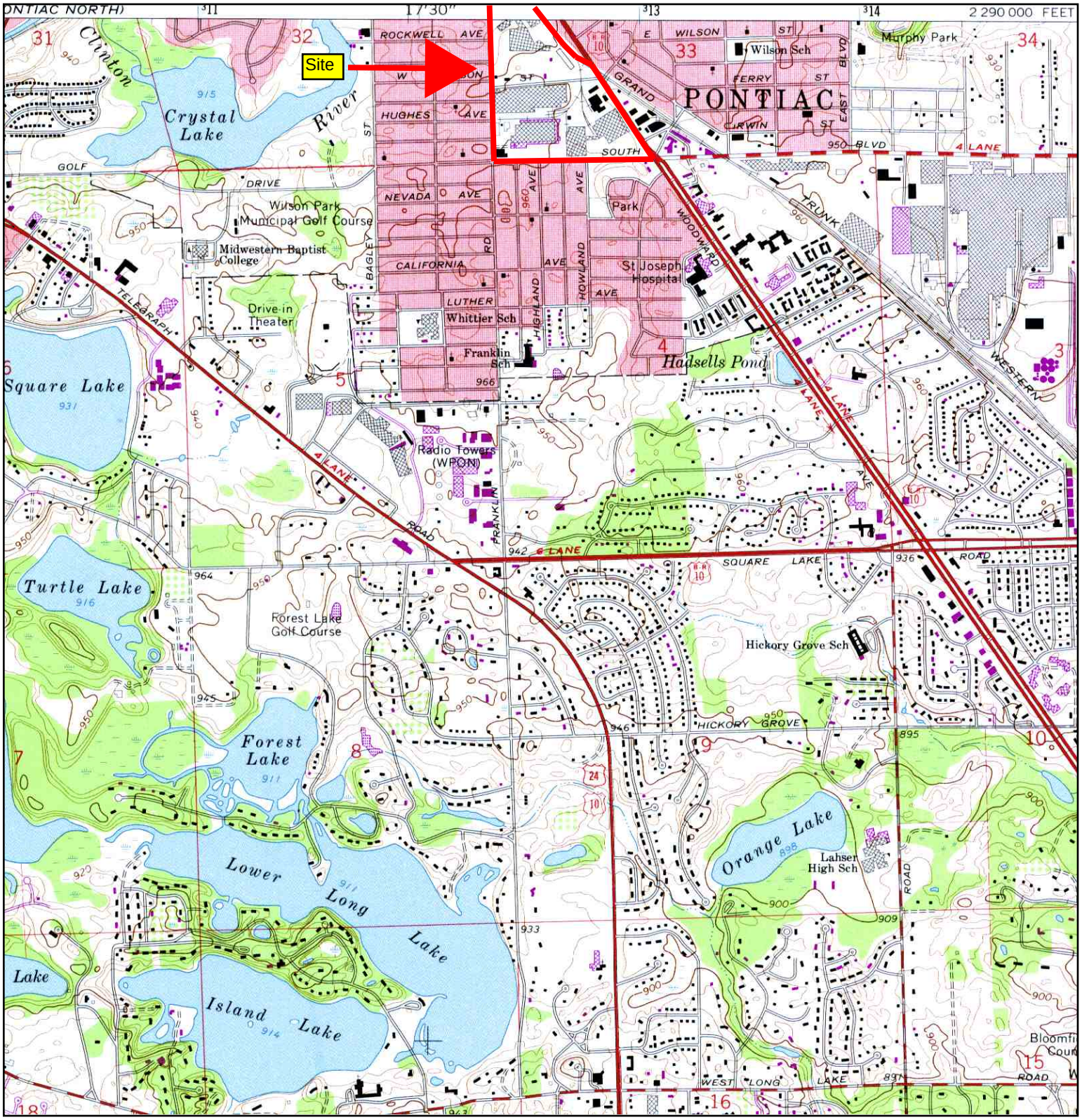
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



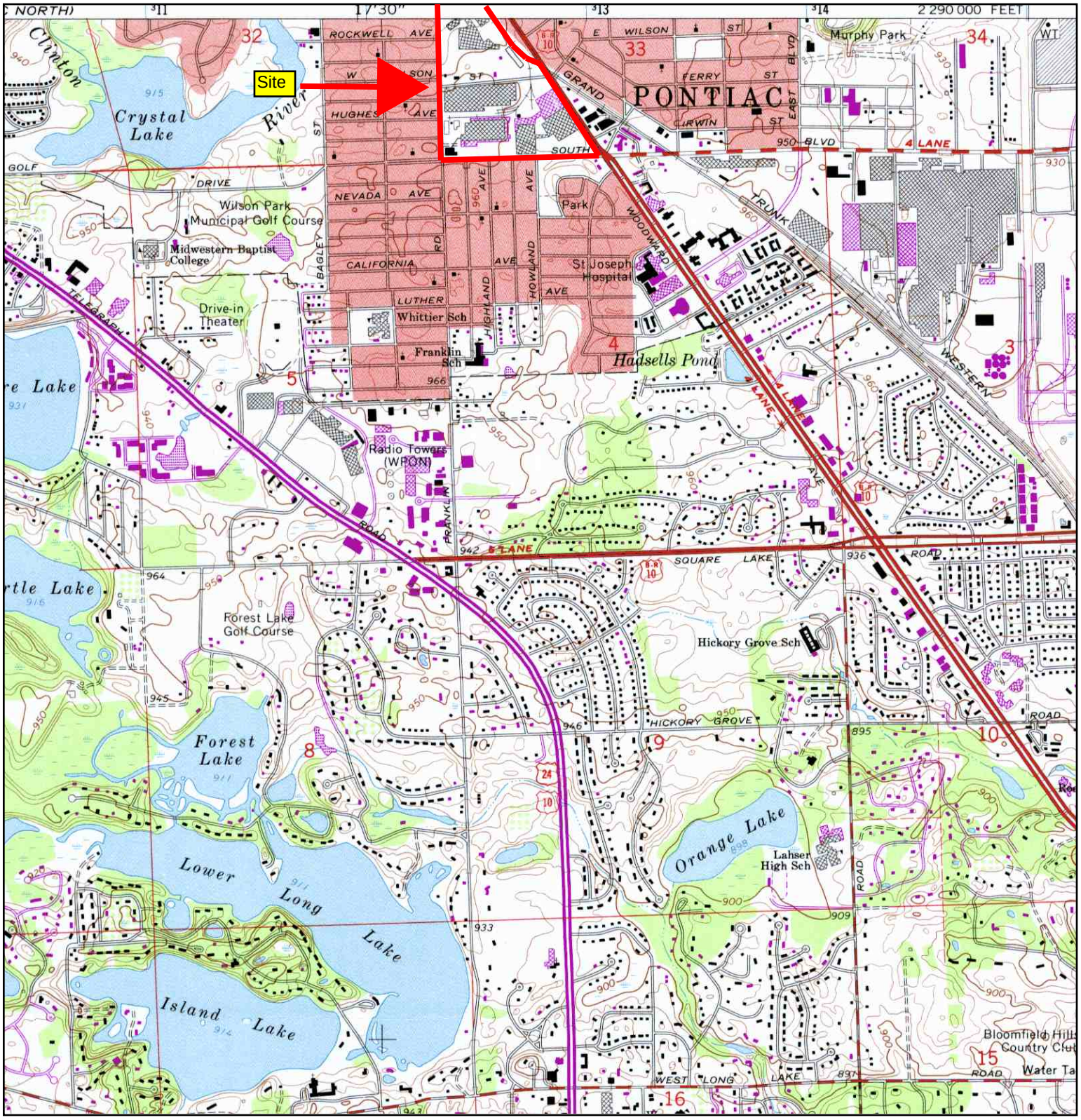
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



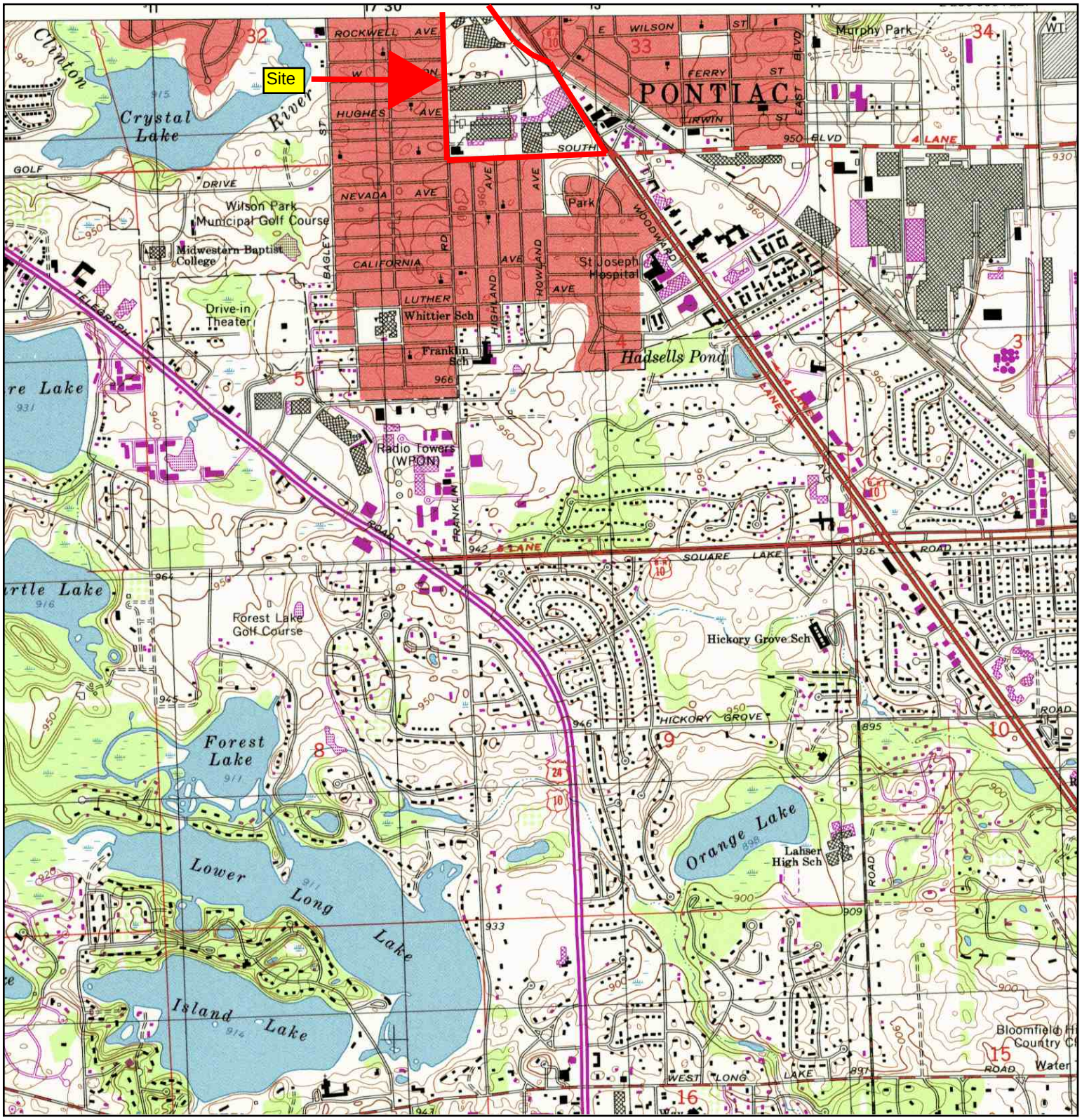
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1973 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



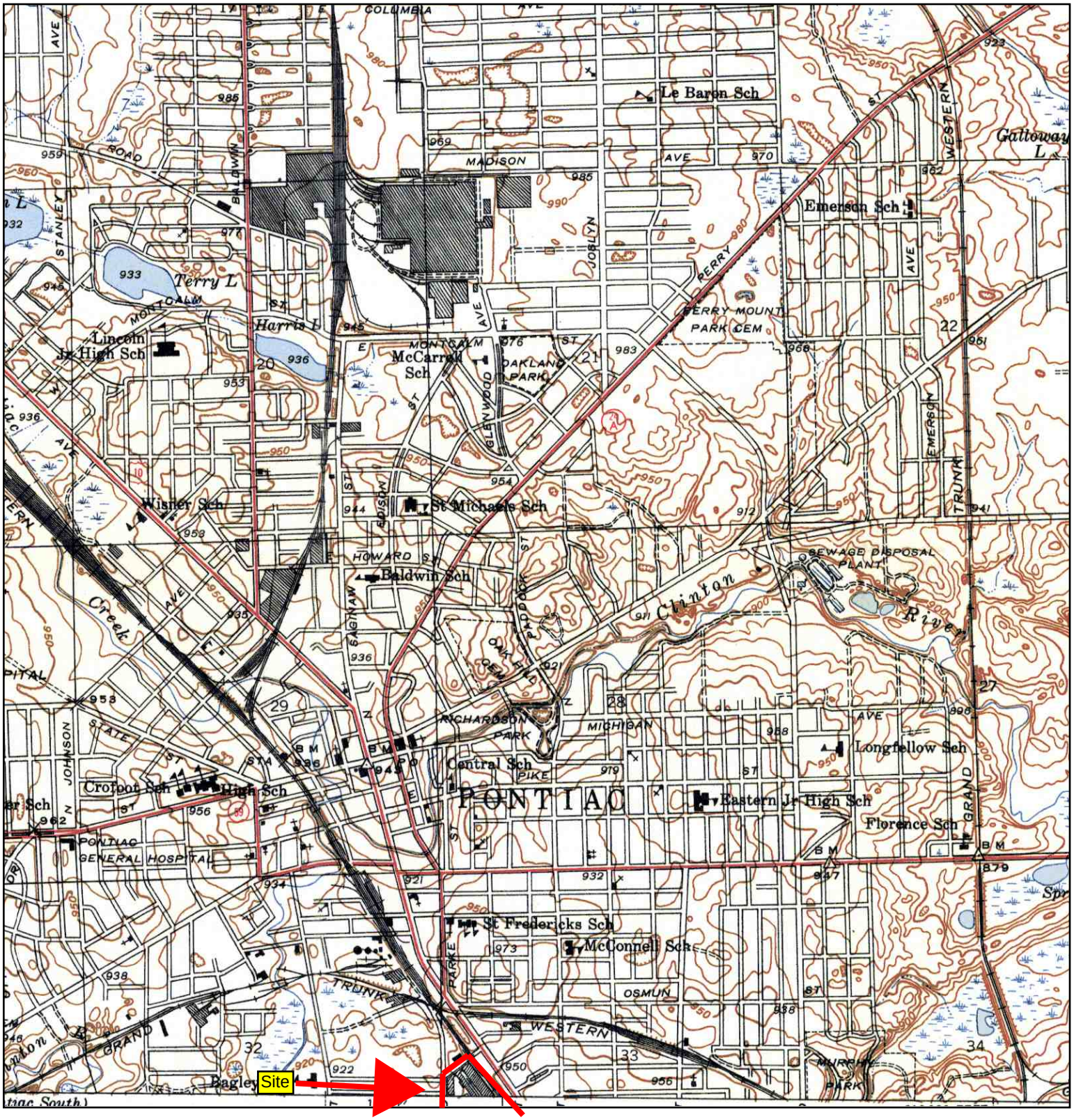
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1983 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



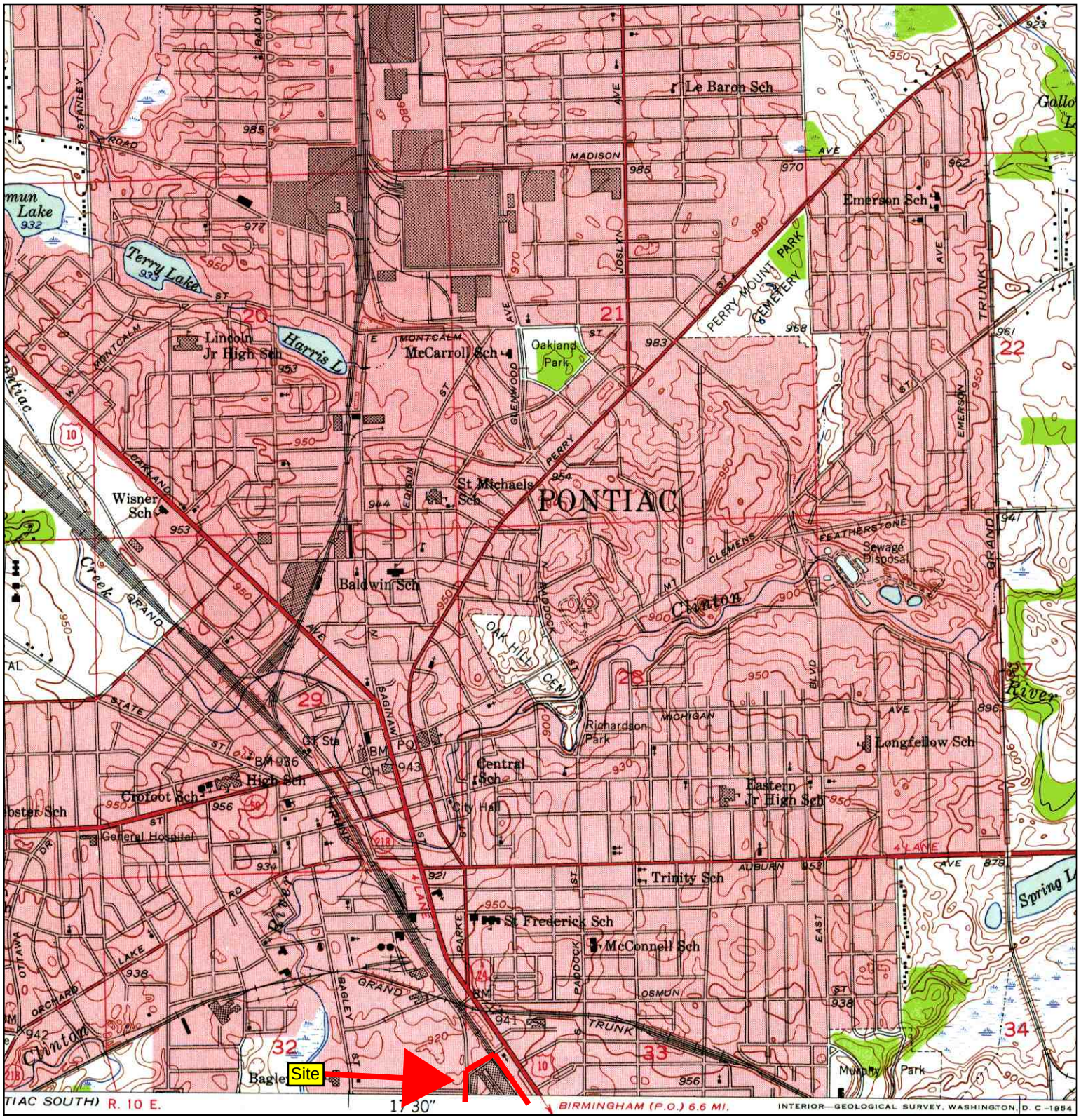
N	TARGET QUAD NAME: PONTIAC SOUTH MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



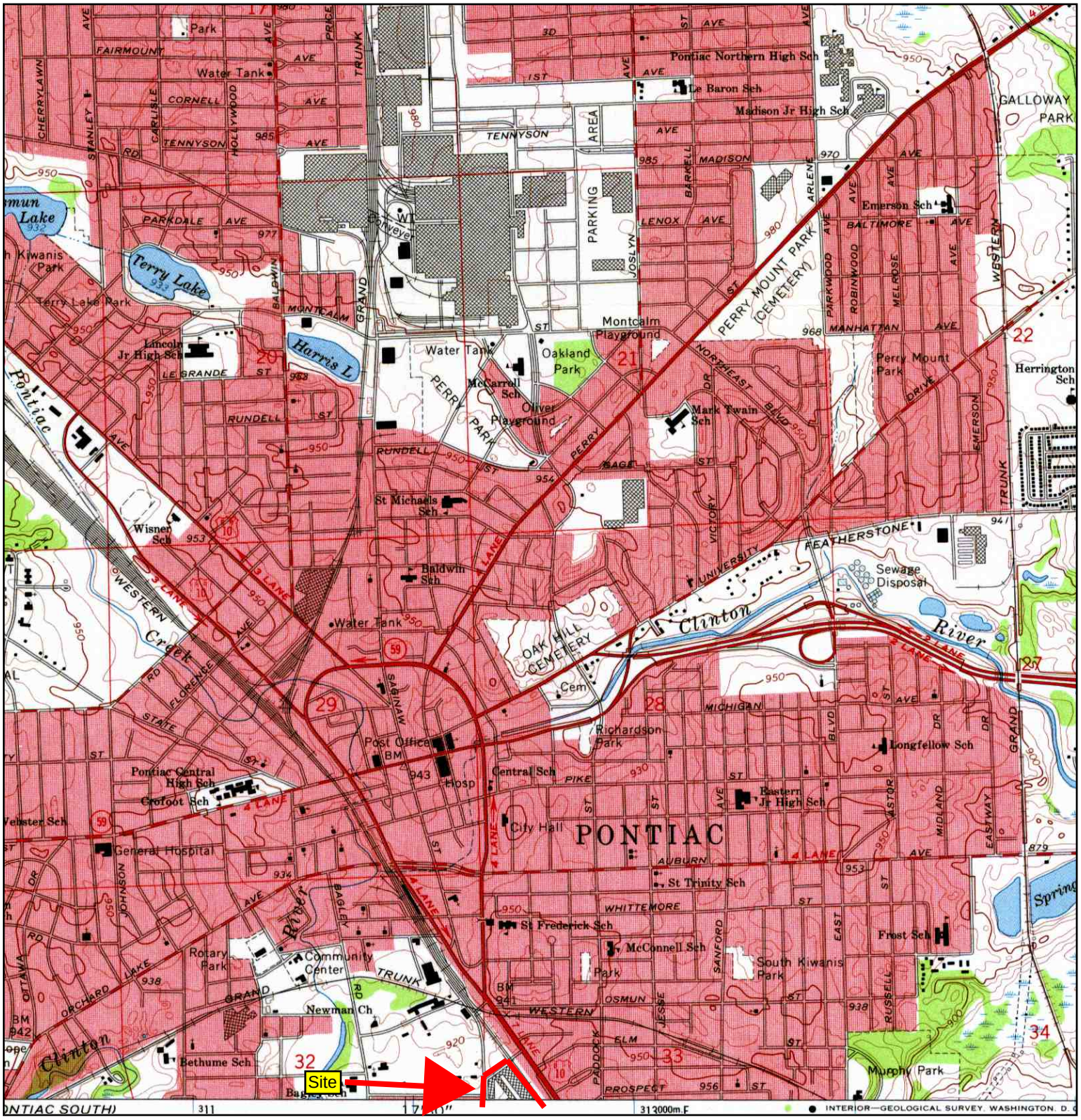
N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1943 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



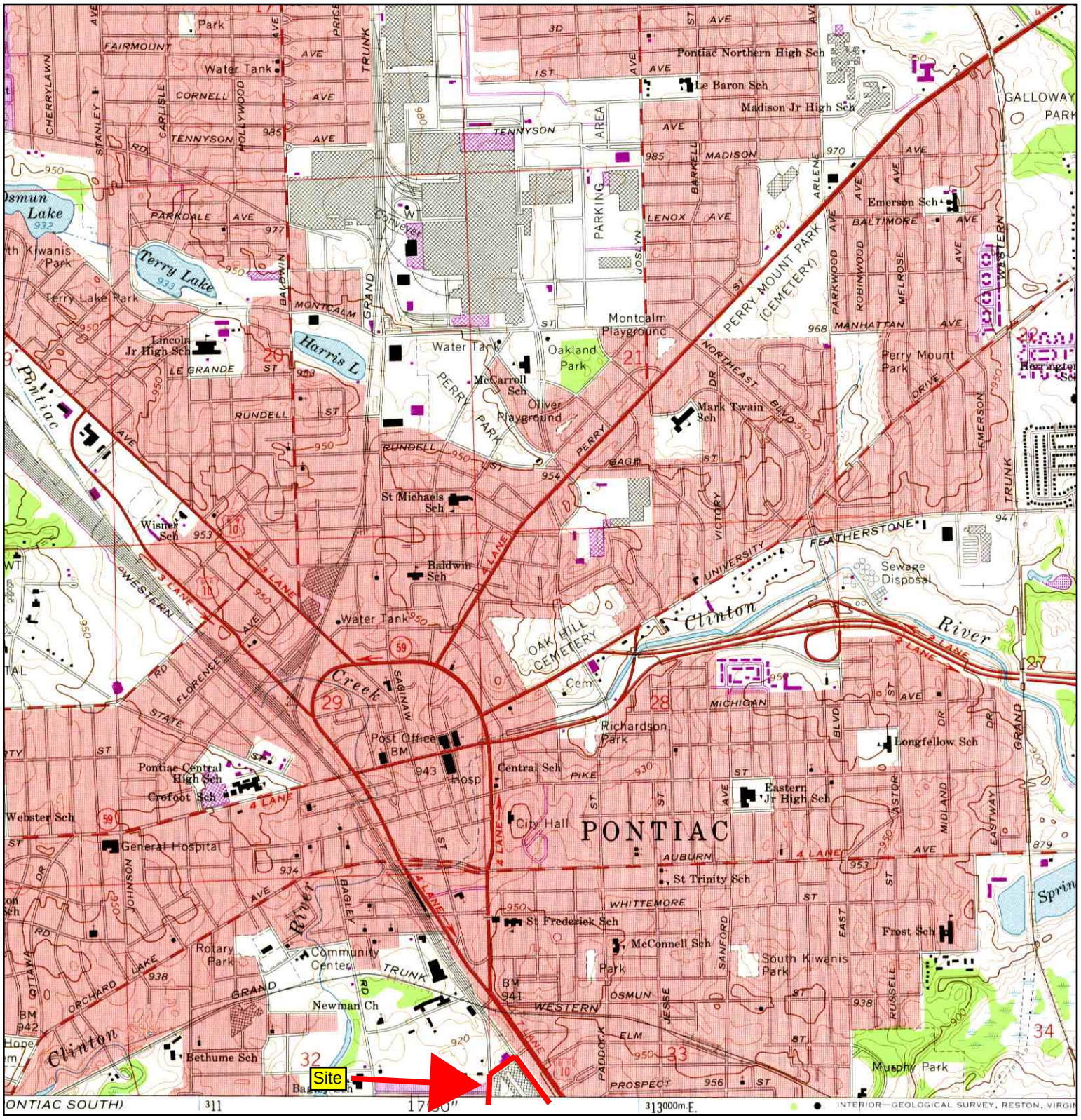
N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1952 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



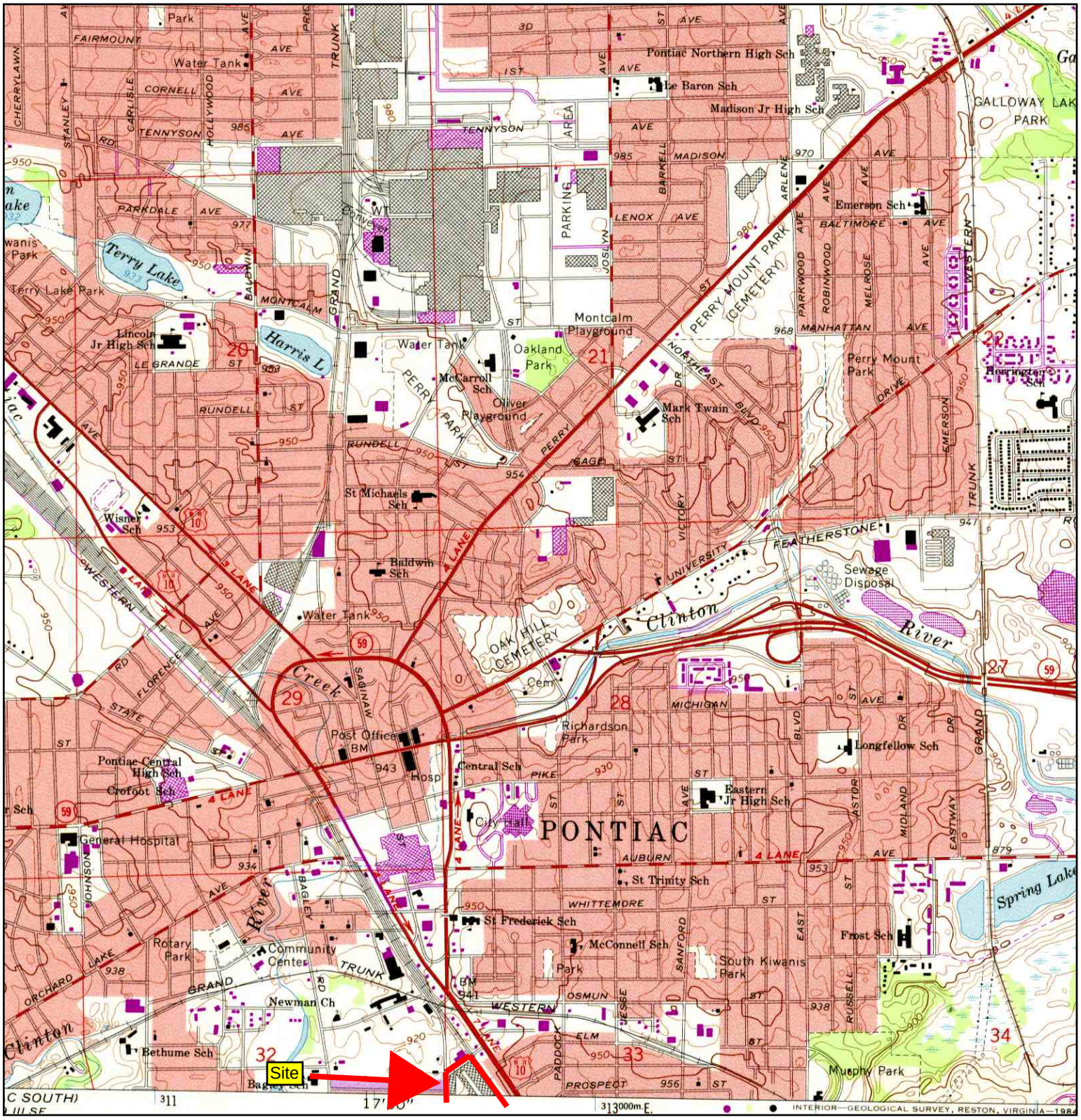
N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



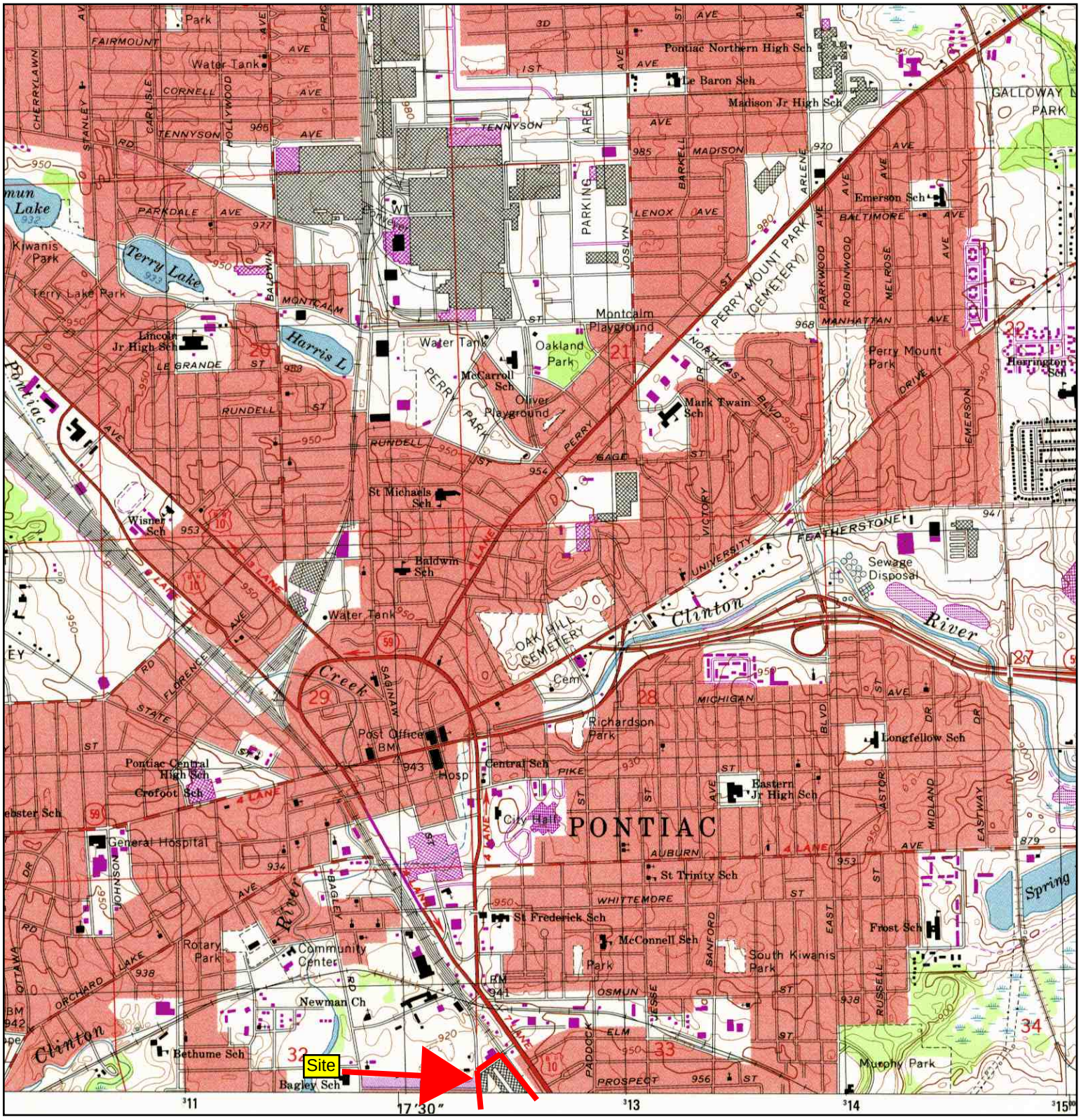
N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1973 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1983 PHOTOREVISED FROM:1968 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

Historical Topographic Map



N	ADJOINING QUAD NAME: PONTIAC NORTH MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1306-1 PCC Validation ADDRESS: 200 South Boulevard West Pontiac, MI 48341 LAT/LONG: 42.6226 / 83.2855	CLIENT: LFR Inc CONTACT: Sean Drain INQUIRY#: 2648698.4 RESEARCH DATE: 12/01/2009

APPENDIX C

EDR Radius Map Report

1306-1 PCC Validation
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2648698.2s
December 01, 2009

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	139
Government Records Searched/Data Currency Tracking	GR-1

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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

200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

COORDINATES

Latitude (North):	42.622600 - 42° 37' 21.4''
Longitude (West):	83.285500 - 83° 17' 7.8''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312567.2
UTM Y (Meters):	4721224.0
Elevation:	951 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42083-F3 PONTIAC NORTH, MI
Most Recent Revision:	1997
South Map:	42083-E3 PONTIAC SOUTH, 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
GM PONTIAC CENTERPOINT CAMPUS 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	NPDES	N/A
GENERAL MOTORS CORP. - TRUCK PROD 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	AIRS	N/A
GENERAL MOTORS CO NORTH AMERICAN 200 SOUTH BOULEVARD PONTIAC, MI 48341	RCRA-TSDF CORRACTS RCRA-SQG FINDS MANIFEST	MID980568836

GMC PONTIAC CENTERPOINT CAMPUS - 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	AIRS	N/A
GM - PONTIAC CENTERPOINTE CAMPUS 200 SOUTH BLVD WEST PONTIAC, MI 48341	AST	N/A
200 S BLVD W 200 S BLVD W PONTIAC, MI 48341	ERNS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System

Federal institutional controls / engineering controls registries

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

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

INDIAN UST ---------- Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---- Clandestine Drug Labs
CDL ---- Clandestine Drug Lab Listing
US HIST CDL ---- National Clandestine Laboratory Register

Local Land Records

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

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
SPILLS ---- Pollution Emergency Alerting System

Other Ascertainable Records

DOT OPS ---- Incident and Accident Data
DOD ---- Department of Defense Sites
FUDS ---- Formerly Used Defense Sites
CONSENT ---- Superfund (CERCLA) Consent Decrees
ROD ---- Records Of Decision
UMTRA ---- Uranium Mill Tailings Sites
MINES ---- Mines Master Index File
TRIS ---- Toxic Chemical Release Inventory System
TSCA ---- Toxic Substances Control Act
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ---- Section 7 Tracking Systems
ICIS ---- Integrated Compliance Information System

PADS PCB Activity Database System
MLTS Material Licensing Tracking System
RADINFO Radiation Information Database
RAATS RCRA Administrative Action Tracking System
UIC Underground Injection Wells Database
DRYCLEANERS Drycleaning Establishments
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER PCB Transformer Registration Database
COAL ASH Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PONTIAC MEDICAL ASSOCIATES MER	44696 WOODWARD	SE 1/8 - 1/4 (0.201 mi.)	F29	63

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 09/15/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GMC TRUCK & COACH DIV PONTIAC	***660 S BLVD E***	***E 1/2 - 1 (0.902 mi.)***	***53***	***115***

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AKZO NOBEL COATINGS INC	120 FRANKLIN RD	0 - 1/8 (0.000 mi.)	B8	26
AKZO NOBEL COATINGS INC	***25 BRUSH ST***	***NW 1/8 - 1/4 (0.214 mi.)***	***G32***	***66***
AKZO NOBEL COATINGS INC	***27 BRUSH ST***	***NW 1/8 - 1/4 (0.215 mi.)***	***G33***	***73***
AKZO NOBEL COATINGS INC	***30 BRUSH ST***	***NW 1/8 - 1/4 (0.220 mi.)***	***34***	***79***

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 5 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL TRANSMISSION COM	44800 WOODWARD AVE	SE 0 - 1/8 (0.114 mi.)	E23	51
AUTO CLINIC	44732 WOODWARD AVE	SE 1/8 - 1/4 (0.179 mi.)	F27	59
MEDICAL ASSOCIATES INC	44656 WOODWARD AVE	SE 1/8 - 1/4 (0.224 mi.)	35	86

Lower Elevation	Address	Direction / Distance	Map ID	Page
WOODWARD MOTOR MALL INC	45751 WOODWARD AVE	NE 0 - 1/8 (0.043 mi.)	13	40
INDUSTRIAL VEHICLE SALES	***45896 WOODWARD***	***NNW 0 - 1/8 (0.118 mi.)***	***24***	***53***

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 10/28/2009 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AKZO NOBEL COATINGS INC	***120 FRANKLIN ROAD***	***0 - 1/8 (0.000 mi.)***	***B7***	***26***
Facility Status: Evaluation in progress				
PONTIAC MANUFACTURED GAS PLANT	***55 WESSEN STREET***	***NW 1/4 - 1/2 (0.418 mi.)***	***J42***	***94***
Facility Status: Interim Response in progress				
AMERICAN FORGE AND SOCKET	150-160 BRANCH	WNW 1/2 - 1 (0.653 mi.)	52	115
Facility Status: No status assigned				

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 09/01/2009 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PONTIAC FUEL INC	***45054 WOODWARD RD***	***NE 0 - 1/8 (0.008 mi.)***	***11***	***34***
Facility Status: Open				
GAUKLER STORAGE CO	***400 SOUTH BLVD E***	***E 1/4 - 1/2 (0.351 mi.)***	***H36***	***88***
Facility Status: Closed				
TRUCK CENTER	***554 FRANKLIN RD***	***S 1/4 - 1/2 (0.362 mi.)***	***I38***	***91***
Facility Status: Open				
ST JOSEPH MERCY HOSPITAL	***44405 WOODWARD AVE***	***SE 1/4 - 1/2 (0.440 mi.)***	***44***	***99***
Facility Status: Closed				
Facility Status: Closed				

**Additional key fields are available in the Map Findings section*

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDERSON COMPANIES WAREDHOUSE	***37 TURK ST***	***NE 0 - 1/8 (0.080 mi.)***	***D20***	***49***
Facility Status: Open				
PONTIAC STATION #2 PONTIAC FIR	***348 SOUTH BLVD W***	***W 1/8 - 1/4 (0.183 mi.)***	***28***	***61***
Facility Status: Open				
DEPARTMENT OF PUBLIC WORKS	***55 WESSON ST***	***NW 1/4 - 1/2 (0.418 mi.)***	***J43***	***94***
Facility Status: Open				
Facility Status: Open				
BORON OIL - PONT BULK #782	***369 RAEBURN ST***	***NE 1/4 - 1/2 (0.466 mi.)***	***46***	***107***
Facility Status: Open				

Lower Elevation	Address	Direction / Distance	Map ID	Page
GM TRUCK & BUS EAST Facility Status: Closed	31 E JUDSON ST	N 1/4 - 1/2 (0.477 mi.)	47	111
VACANT LOT Facility Status: Closed	***147 S SAGINAW***	***NNW 1/4 - 1/2 (0.491 mi.)***	***L50***	***113***

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 09/01/2009 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PONTIAC FUEL INC	***45054 WOODWARD RD***	***NE 0 - 1/8 (0.008 mi.)***	***11***	***34***
MINIT-LUBE	714 WOODWARD	SE 0 - 1/8 (0.057 mi.)	C16	44

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOWRY TIRE CO	370 SOUTH SAGINAW	NNE 0 - 1/8 (0.075 mi.)	19	49
ANDERSON COMPANIES WAREDHOUSE	***37 TURK ST***	***NE 0 - 1/8 (0.080 mi.)***	***D20***	***49***
PONTIAC STATION #2 PONTIAC FIR	***348 SOUTH BLVD W***	***W 1/8 - 1/4 (0.183 mi.)***	***28***	***61***

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

A review of the AST list, as provided by EDR, and dated 09/15/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EASTERN OIL	590 S PADDOCK ST	NE 1/8 - 1/4 (0.126 mi.)	26	58

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANKERSON RESOURCE SYSTEMS INC	400 SOUTH BLVD E	E 1/4 - 1/2 (0.351 mi.)	H37	89

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the DEL SHWS list, as provided by EDR, and dated 11/04/2009 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOWLAND & LUTHER STREETS	HOWLAND / LUTHER	S 1/4 - 1/2 (0.409 mi.)	40	93

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/12/2008 has revealed that there are 8 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONSUMERS ENERGY - FRANKLIN SU	***68 W WILSON ST***	***0 - 1/8 (0.000 mi.)***	***10***	***32***
CRESTVIEW CADILLAC - SUBARU	***675 S SAGINAW***	***NE 0 - 1/8 (0.018 mi.)***	***12***	***38***
MINIT-LUBE	***714 WOODWARD***	***ESE 0 - 1/8 (0.056 mi.)***	***C15***	***42***
DETROIT EDISON CO	***44800 WOODWARD AVE***	***SE 0 - 1/8 (0.068 mi.)***	***C17***	***45***
DETROIT EDISON CO	44800 WOODWARD AVE	SE 0 - 1/8 (0.068 mi.)	C18	47
ARNOLD JEROME CADILLAC SUBARU	***815 WOODWARD AVE***	***SE 0 - 1/8 (0.123 mi.)***	***E25***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GENERAL MOTORS CORPORATION	***275 FRANKLIN ST***	***0 - 1/8 (0.000 mi.)***	***9***	***30***
EPOXI TECH	***8 BRUSH ST***	***NW 1/8 - 1/4 (0.209 mi.)***	***G31***	***64***

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 09/14/2009 has revealed that there are 9 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLO-CO PONTIAC PROPERTY	45700 WOODWARD AVENUE	NE 0 - 1/8 (0.051 mi.)	14	42
HEAT TREAT SERVICES, INC.	245 SOUTH BOULEVARD	E 0 - 1/8 (0.094 mi.)	22	51
STOR-MOR PROPERTY	350-400 SOUTH BOULEVARD	E 1/8 - 1/4 (0.208 mi.)	30	63
LIGHT INDUSTRIAL BUILDING	554 FRANKLIN ROAD	S 1/4 - 1/2 (0.362 mi.)	I39	93

Lower Elevation	Address	Direction / Distance	Map ID	Page
R. A. MILLER HOLDING, LLC	37 TURK	NE 0 - 1/8 (0.080 mi.)	D21	51
PARTS PACKAGING	391 E. WILSON AVENUE	NE 1/4 - 1/2 (0.458 mi.)	45	107
CARDINAL AUTOMOTIVE - 2ND PETI	355 S. SANFORD STREET	NE 1/4 - 1/2 (0.482 mi.)	K48	112
ALLEYBEAR, LLC	355 SOUTH SANFORD STREE	NE 1/4 - 1/2 (0.482 mi.)	K49	112

Lower Elevation	Address	Direction / Distance	Map ID	Page
PONTIAC PLACE	140 SOUTH SAGINAW STREE	NNW 1/4 - 1/2 (0.497 mi.)	L51	114

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

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

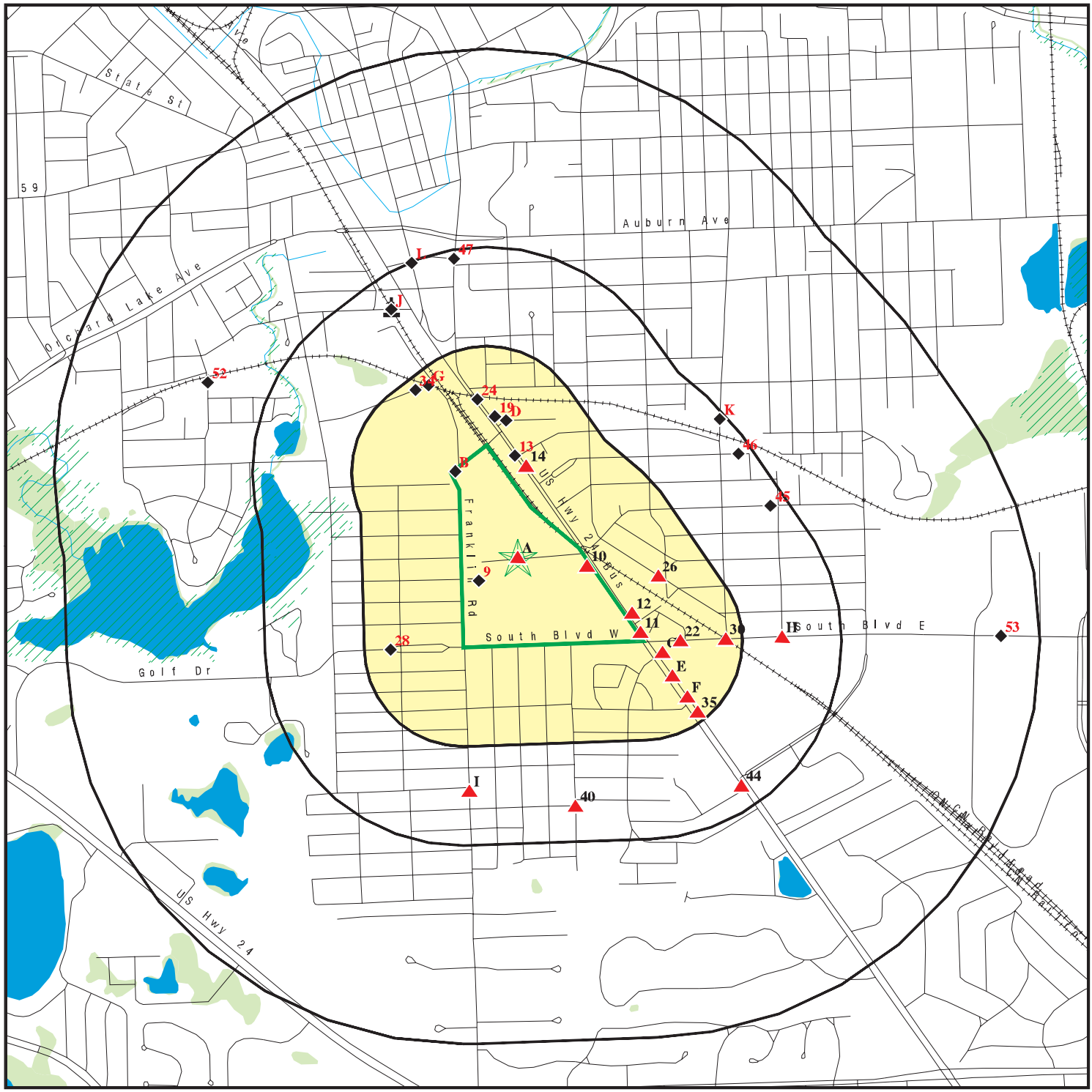
Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY GAS WORKS	55 WESSEN STREET	NW 1/4 - 1/2 (0.418 mi.)	J41	93

EXECUTIVE SUMMARY

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

Site Name	Database(s)
SHELL DRY WELL 1 TELEGRAPH	SHWS
GM TRUCK AND BUS PONTIAC CENTRAL	SHWS
3951 JOSLYN RD	CERC-NFRAP, SHWS
KENNETT RD LF	SHWS
ASPHALT SPECIALIST INC	DEL SHWS, SHWS
871 SOUTH BLVD	CERC-NFRAP
SPEEDY MUFFLER KING	LUST, UST
WOODWARD OFFICE PLAZA	LUST, UST
120 FRANKLIN STREET	AST
SUN VALLEY PROPERTIES INC	RCRA-SQG
38505 N WOODWARD	RCRA-NonGen
7660 HIGHLAND RD	RCRA-NonGen, FINDS
7585 HIGHLAND RD	RCRA-NonGen, FINDS
CITY OF PONTIAC	RCRA-CESQG
UAG MICHIGAN H1, LLC	BEA
MANVILLE MANUFACTURING COMPANY	BEA
SOUTH SAGINAW STREET PARCELS	BEA
AMERICAN AGGREGATES OF MICHIGAN, I	MINES

OVERVIEW MAP - 2648698.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 1/4 1/2 1 Miles

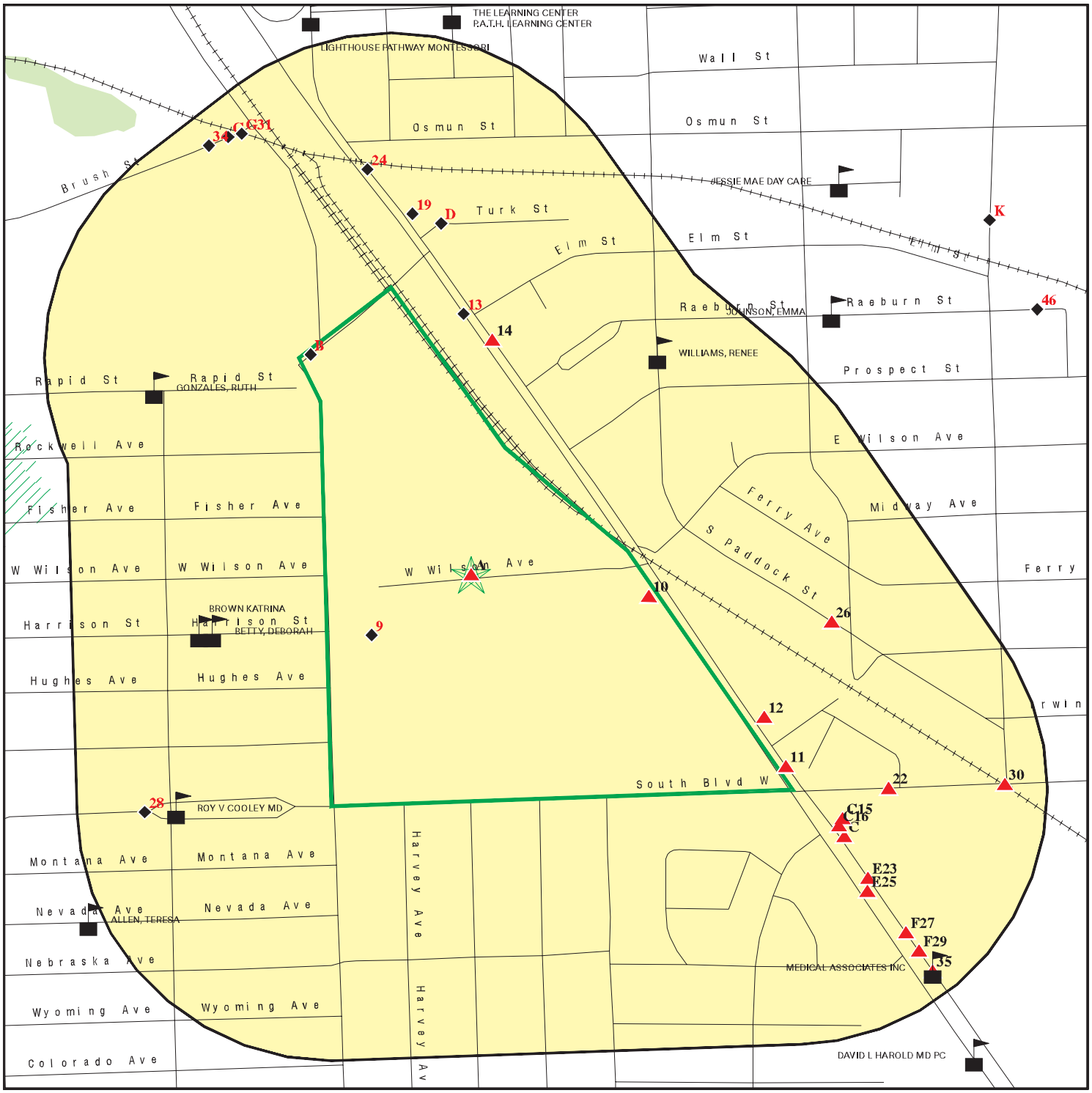
N

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

SITE NAME: 1306-1 PCC Validation	CLIENT: LFR Inc
ADDRESS: 200 South Boulevard West Pontiac MI 48341	CONTACT: Sean Drain INQUIRY #: 2648698.2s
LAT/LONG: 42.6226 / 83.2855	DATE: December 01, 2009 3:20 pm

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DETAIL MAP - 2648698.2s



- 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
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 1306-1 PCC Validation	CLIENT: LFR Inc
ADDRESS: 200 South Boulevard West Pontiac MI 48341	CONTACT: Sean Drain INQUIRY #: 2648698.2s
LAT/LONG: 42.6226 / 83.2855	DATE: December 01, 2009 3:21 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 CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	1	0	NR	NR	1
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		0.250	1	3	NR	NR	NR	4
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	3	2	NR	NR	NR	5
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	X	TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	1	0	1	1	NR	3
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	2	1	7	NR	NR	10
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	4	1	NR	NR	NR	5
AST	X	0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	1	NR	NR	1
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	1	0	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	7	1	NR	NR	NR	8
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
AIRS	X	TP	NR	NR	NR	NR	NR	0
BEA		0.500	3	1	5	NR	NR	9
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	1	0	NR	1
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **GM PONTIAC CENTERPOINT CAMPUS** **NPDES** **S107792194**
Target **200 SOUTH BOULEVARD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 1 of 6 in cluster A

Actual:
951 ft.

MI NPDES:

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

A2 **GENERAL MOTORS CORP. - TRUCK PRODUCT CENTER** **AIRS** **S108477257**
Target **200 SOUTH BOULEVARD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 2 of 6 in cluster A

Actual:
951 ft.

AIRS:

State Registration Number:	B4033
Naics Code:	336112
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Permit Number:	Not reported
Date Received:	Not reported
State Registration Number:	B4033
Country:	USA
Application Reason:	Not reported
Record Type:	SI
State County FIPS:	26125
Facility Category:	01
SIC Primary:	3711
Tribal Code:	000
EI Year:	2002

A3 Target Property | **GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT**
200 SOUTH BOULEVARD
PONTIAC, MI 48341

Site 3 of 6 in cluster A

Database(s): RCRA-TSDF, CORRACTS, RCRA-SQG, FINDS, MANIFEST

EDR ID Number: 1000213200
EPA ID Number: MID980568836

Actual: 951 ft.

RCRA-TSDF:

Date form received by agency:	12/31/2007
Facility name:	GENERAL MOTORS CORPORATION
Facility address:	200 SOUTH BLVD W PONTIAC, MI 48341
EPA ID:	MID980568836
Mailing address:	2100 S OPDYKE RD PONTIAC, MI 48341
Contact:	KEN GEMBEL
Contact address:	200 SOUTH BLVD W PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 753-5678
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported

Owner/Operator Summary:

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

Owner/operator name:	GENERAL MOTORS CORPORTATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1909
Owner/Op end date:	Not reported

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

Owner/operator name:	GENERAL MOTORS CORPORTATION

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

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

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

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

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

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

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

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

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

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

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

Historical Generators:

Date form received by agency: 03/01/2006
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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

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

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

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

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

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

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

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

Date form received by agency: 02/27/1998

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

Date form received by agency: 04/07/1997
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 02/28/1996
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/17/1994
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC, NAPT-PONTIAC WEST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/10/1992
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK AND BUS DIV PONTIAC WEST
Classification: Large Quantity Generator

Date form received by agency: 02/14/1990
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK AND BUS DIV PONTIAC WEST
Classification: Large Quantity Generator

Date form received by agency: 11/17/1980
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 08/14/1980
Facility name: GENERAL MOTORS CORPORATION
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2007

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A 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): 1259.4

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

Amount (Lbs): 1045

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

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

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

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

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

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

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

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

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

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

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

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) 1000213200

OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 30

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

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

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

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

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

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

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

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

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

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

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

Corrective Action Summary:
Event date: 03/30/1990
Event: RFA Completed

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

Event date: 03/31/1994
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/13/2004
Date achieved compliance: 10/18/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/31/1997
Date achieved compliance: 05/12/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

Enforcement action date: 03/31/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 03/31/1997
Date achieved compliance: 05/12/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 04/24/1995
Date achieved compliance: 11/16/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/24/1995
Date achieved compliance: 11/16/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/08/1993
Date achieved compliance: 10/07/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/08/1993

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 09/29/1992
Date achieved compliance: 10/19/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/12/1991
Date achieved compliance: 07/19/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/12/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/27/1990
Date achieved compliance: 06/12/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/22/1989
Date achieved compliance: 11/08/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/23/1989
Enf. disposition status: Not reported

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 03/31/1989
Date achieved compliance: 05/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/05/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 06/07/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/24/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/07/1988
Date achieved compliance: 11/15/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/24/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/07/1988
Date achieved compliance: 11/17/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

Evaluation Action Summary:

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

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

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

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

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

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

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

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

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

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

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

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

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

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

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

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

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

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

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

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

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

CORRACTS:

EPA ID: MID980568836
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/30/1990
Action: CA050 - RFA Completed
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID980568836
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1994
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

Schedule end date: Not reported

EPA ID: MID980568836
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 5/1/2009
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

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

EPA ID: MID980568836
EPA Region: 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): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

FINDS:

Registry ID: 110001298827

Environmental Interest/Information System

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

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

transported off-site.

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

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

NY MANIFEST:

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

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

GENERAL MOTORS CO NORTH AMERICAN TRUCK GROUP VALIDATION CENT (Continued) **1000213200**

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

A4 **GMC PONTIAC CENTERPOINT CAMPUS - VALIDATION** **AIRS** **S107697601**
Target **200 SOUTH BOULEVARD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 4 of 6 in cluster A

Actual:
951 ft.

AIRS:

State Registration Number:	B4033
Naics Code:	336112
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Permit Number:	Not reported
Date Received:	Not reported
State Registration Number:	B4033
Country:	USA
Application Reason:	Not reported
Record Type:	SI
State County FIPS:	26125
Facility Category:	01
SIC Primary:	3711
Tribal Code:	000
EI Year:	2003

A5 **GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN** **AST** **A100282612**
Target **200 SOUTH BLVD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 5 of 6 in cluster A

Actual:
951 ft.

AST:

Type:	ACTIVE
Owner Name:	GM - Pontiac Centerpoint Campus - West Engineering
Owner Address:	Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip:	Pontiac, MI 48341-3128
Owner County:	USA
Owner Contact:	Waldrop
Owner Telephone:	(248) 456-2107
Facility ID:	91063321
District:	SE Michigan District Office
Contact:	Susan Waldrop
Facility Phone:	(248) 456-2107
Tank ID:	T2
Tank Status:	Currently In Use
Capacity:	5000
Install Date:	Sep 3 1996
Close Date:	Not reported

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN (Continued) **A100282612**

Content:	FL-GAS
Latitude:	42.6193870000
Longitude:	-83.2867980000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

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

Type:	ACTIVE
Owner Name:	GM - Pontiac Centerpoint Campus - West Engineering
Owner Address:	Mail Code 483-634-106 660 S Boulevard East
Owner City,St,Zip:	Pontiac, MI 48341-3128
Owner County:	USA
Owner Contact:	Waldrop
Owner Telephone:	(248) 456-2107
Facility ID:	91063321
District:	SE Michigan District Office
Contact:	Susan Waldrop
Facility Phone:	(248) 456-2107
Tank ID:	T1
Tank Status:	Currently In Use
Capacity:	1500
Install Date:	Sep 3 1996
Close Date:	Not reported
Content:	CL-GAS

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN (Continued) **A100282612**

Latitude:	42.6193870000
Longitude:	-83.2867980000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

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

A6 **200 S BLVD W** **ERNS** **99606911**
Target **200 S BLVD W** **N/A**
Property **PONTIAC, MI 48341**

Site 6 of 6 in cluster A

Actual:
951 ft.

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

B7 **AKZO NOBEL COATINGS INC** **SHWS** **S107697646**
120 FRANKLIN ROAD **AIRS** **N/A**
< 1/8 **PONTIAC, MI 48341**
1 ft.

Site 1 of 2 in cluster B

Relative:
Lower

Actual:
929 ft.

SHWS:

Facility ID:	63001092
Facility Status:	**Evaluation in progress**
Source:	Paints & Allied Products
SAM Score:	30 out o
SAM Score Date:	1/26/2004
Township:	63
Range:	T3N
Section:	10
Quarter:	32
Quarter/Quarter:	AD
Pollutants:	null

AIRS:

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

B8 **AKZO NOBEL COATINGS INC** **RCRA-LQG** **1007101454**
120 FRANKLIN RD **MIK978481398**
< 1/8 **PONTIAC, MI 48341**
1 ft.

Site 2 of 2 in cluster B

Relative:
Lower

Actual:
929 ft.

RCRA-LQG:

Date form received by agency:	02/29/2008
Facility name:	AKZO NOBEL COATINGS INC
Facility address:	120 FRANKLIN RD PONTIAC, MI 48341
EPA ID:	MIK978481398
Contact:	PETER ONYSKIW
Contact address:	120 FRANKLIN RD PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 451-6175
Contact email:	Not reported
EPA Region:	05
Land type:	Private

AKZO NOBEL COATINGS INC (Continued) **1007101454**

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: AKZO NOBEL COATINGS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/05/2001
Owner/Op end date: Not reported

Owner/operator name: AKZO NOBEL COATINGS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/05/2001
Owner/Op end date: Not reported

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

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

AKZO NOBEL COATINGS INC (Continued) **1007101454**

Generated waste on-site: No

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 04/24/2007
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/16/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 04/30/2003
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/12/2002
Facility name: AKZO NOBEL COATINGS INC

AKZO NOBEL COATINGS INC (Continued) **1007101454**

Classification: Large Quantity Generator

Date form received by agency: 10/05/2001
Facility name: AKZO NOBEL COATINGS INC
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): 190165.8

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 162951.1

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): 162951.1

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): 188150.8

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/21/2004
Date achieved compliance: 11/16/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/2004

AKZO NOBEL COATINGS INC (Continued) **1007101454**

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: 09/27/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/21/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/16/2004
Evaluation lead agency: State

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9 **GENERAL MOTORS CORPORATION** **RCRA-NonGen** **1000134881**
275 FRANKLIN ST **FINDS** **MIT270010127**
< 1/8 **PONTIAC, MI 48341**
1 ft.

Relative:
Lower

Actual:
948 ft.

RCRA-NonGen:
Date form received by agency: 08/14/1980
Facility name: GENERAL MOTORS CORPORATION
Facility address: 275 FRANKLIN ST
PONTIAC, MI 48341
EPA ID: MIT270010127
Contact: NOT OBTAINED NOT OBTAINED
Contact address: 275 FRANKLIN ST
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (312) 555-1212
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

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

GENERAL MOTORS CORPORATION (Continued) **1000134881**

Owner/Operator Type: Operator
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

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

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

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

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

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

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110007598224

GENERAL MOTORS CORPORATION (Continued) **1000134881**

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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10 **CONSUMERS ENERGY - FRANKLIN SUBSTATION** **RCRA-NonGen** **1000375564**
68 W WILSON ST **FINDS** **MID981954225**
< 1/8 **PONTIAC, MI 48340**
1 ft.

Relative: Higher

Actual: 959 ft.

RCRA-NonGen:

Date form received by agency:	03/02/1987
Facility name:	CONSUMERS ENERGY CO
Facility address:	68 W WILSON ST PONTIAC, MI 48341
EPA ID:	MID981954225
Mailing address:	212 W MICHIGAN AVE JACKSON, MI 49201
Contact:	PATRICK ZOMBO
Contact address:	68 W WILSON ST PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(517) 788-0647
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported
Owner/operator name:	CONSUMERS ENERGY CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

CONSUMERS ENERGY - FRANKLIN SUBSTATION (Continued) **1000375564**

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

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

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

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

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

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110008452021

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.

11
NE
< 1/8
0.008 mi.
41 ft.

PONTIAC FUEL INC
45054 WOODWARD RD
PONTIAC, MI 48341

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

Relative:
Higher

Actual:
963 ft.

LUST:

Facility ID:	00011837
Source:	STATE OF MICHIGAN
Owner Name:	Pontiac Fuel Inc
Owner Address:	45054 Woodward Rd
Owner City,St,Zip:	Pontiac, MI 48341
Owner Contact:	Not reported
Owner Phone:	248-332-3549
Country:	USA
District:	SE Michigan District Office
Site Name:	Pontiac Fuel Stop Inc
Latitude:	42.6197840000
Longitude:	-83.2796380000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0193-03
Release Date:	May 8 2003
Substance Released:	Gasoline,Gasoline,Gasoline,Gasoline,Diesel,Kerosene
Release Status:	Open
Release Closed Date:	Not reported

UST:

Facility ID:	00011837
Facility Type:	ACTIVE
Latitude:	42.6197840000
Longitude:	-83.2796380000
Owner Name:	Pontiac Fuel Inc
Owner Address:	45054 Woodward Rd
Owner City,St,Zip:	Pontiac, MI 48341
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	248-332-3549
Contact:	Mike Ajami
Contact Phone:	(734) 332-3549
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	9
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	May 9 2003
Product:	Diesel, Gasoline

PONTIAC FUEL INC (Continued) **U003322334**

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

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

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,UNLEADED,8
Remove Date: May 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Currently In Use
Capacity: 20000
Install Date: May 9 2003
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Constr Material: Double Walled, Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 8
Tank Status: Currently In Use
Capacity: 15000
Install Date: May 9 2003

PONTIAC FUEL INC (Continued) **U003322334**

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

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

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,REGULAR,8
Remove Date: May 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

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

Tank ID: C
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jun 14 1991

PONTIAC FUEL INC (Continued) **U003322334**

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

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

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,REGULAR,8
Remove Date: May 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 12000
Install Date: May 3 1967
Product: Gasoline,REGULAR,8
Remove Date: May 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: May 3 1967
Product: Gasoline,PREMIUM,8

PONTIAC FUEL INC (Continued) **U003322334**

Remove Date: May 17 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 4000
Install Date: May 2 1961
Product: Kerosene,8
Remove Date: May 1 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

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

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12 **CRESTVIEW CADILLAC - SUBARU** **RCRA-NonGen** **1000390143**
NE **675 S SAGINAW** **FINDS** **MID981797483**
< 1/8 **PONTIAC, MI 48341**
0.018 mi.
94 ft.

Relative:
Higher

Actual:
961 ft.

RCRA-NonGen:
Date form received by agency: 12/05/1986
Facility name: CRESTVIEW CADILLAC - SUBARU
Facility address: 675 S SAGINAW
PONTIAC, MI 48341
EPA ID: MID981797483
Mailing address: 555 S. ROCHESTER RD
ROCHESTER, MI 48063
Contact: MICHAEL GOTHAM
Contact address: 675 S SAGINAW
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 333-7021
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator

CRESTVIEW CADILLAC - SUBARU (Continued) **1000390143**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

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

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

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

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

Waste type: Batteries
Accumulated waste on-site: No

CRESTVIEW CADILLAC - SUBARU (Continued) **1000390143**

Generated waste on-site: No

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

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

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

Historical Generators:
Date form received by agency: 11/03/1986
Facility name: CRESTVIEW CADILLAC - SUBARU
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008451692

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

13
NE
< 1/8
0.043 mi.
227 ft.

Relative:
Lower

Actual:
947 ft.

WOODWARD MOTOR MALL INC **RCRA-CESQG** **1007880249**
45751 WOODWARD AVE **MIK544634124**
PONTIAC, MI 48341

RCRA-CESQG:
Date form received by agency: 08/16/2004
Facility name: WOODWARD MOTOR MALL INC
Facility address: 45751 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MIK544634124
Contact: WILLIAM DINGWALL
Contact address: 45751 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 332-9700
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

WOODWARD MOTOR MALL INC (Continued) **1007880249**

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:	WOODWARD MOTOR MALL INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/16/2004
Owner/Op end date:	Not reported

Owner/operator name:	STARLAND CO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/16/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Universal Waste Summary:

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

Waste type:	MERCURY THERMOMETERS

WOODWARD MOTOR MALL INC (Continued) **1007880249**

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

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

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

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

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

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

Violation Status: No violations found

14
NE
< 1/8
0.051 mi.
271 ft.

FLO-CO PONTIAC PROPERTY **BEA S109345198**
45700 WOODWARD AVENUE **N/A**
PONTIAC, MI 48341

Relative: Higher

Actual: 951 ft.

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

C15
ESE
< 1/8
0.056 mi.
296 ft.

MINIT-LUBE **RCRA-NonGen 1000465162**
714 WOODWARD **FINDS MID985597913**
PONTIAC, MI 48341

Site 1 of 4 in cluster C

Relative: Higher

Actual: 962 ft.

RCRA-NonGen:
Date form received by agency: 10/18/1990
Facility name: MINIT-LUBE
Facility address: 714 WOODWARD
PONTIAC, MI 48341
EPA ID: MID985597913
Contact: KEN HARPSTER

MINIT-LUBE (Continued) **1000465162**

Contact address: 714 WOODWARD
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (313) 333-0880
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

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

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

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

MINIT-LUBE (Continued) **1000465162**

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

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

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110007574687

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

C16 **MINIT-LUBE** **UST** **U003319221**
SE **714 WOODWARD** **N/A**
< 1/8 **PONTIAC, MI 84119**
0.057 mi.
301 ft. **Site 2 of 4 in cluster C**

Relative:
Higher

Actual:
963 ft.

UST:
Facility ID: 00000203
Facility Type: CLOSED
Latitude: 42.6190270000
Longitude: -83.2793890000
Owner Name: Quaker State Minit-Lube Inc
Owner Address: 1385 West 2200 South
Owner City,St,Zip: Salt Lake City, UT 84119
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (801) 975-4617
Contact: CAROL M BELLON
Contact Phone: (801) 975-4728
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

MINIT-LUBE (Continued) **U003319221**

Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Aug 13 1987
Product:	NEW OIL
Remove Date:	Apr 14 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Suction: Valve at Tank
Constr Material:	Asphalt Coated or Bare Steel,Cathodically Protected Steel,Composite(Steel w/Fiberglass),F.G. REINFORCED COAT
Impressed Device:	No

C17 **DETROIT EDISON CO** **RCRA-NonGen** **1000366959**
SE **44800 WOODWARD AVE** **FINDS** **MID000718833**
< 1/8 **PONTIAC, MI 48341**
0.068 mi.
358 ft. **Site 3 of 4 in cluster C**

Relative:
Higher

Actual:
964 ft.

RCRA-NonGen:

Date form received by agency:	09/17/1998
Facility name:	DETROIT EDISON CO
Facility address:	44800 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MID000718833
Mailing address:	2000 2ND AVE DETROIT, MI 48226
Contact:	ELIZABETH KRUMBACH
Contact address:	44800 WOODWARD AVE PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(313) 235-7553
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DETROIT EDISON CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported
Owner/operator name:	DETROIT EDISON CO
Owner/operator address:	Not reported Not reported

DETROIT EDISON CO (Continued) **1000366959**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

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

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 08/18/1980

DETROIT EDISON CO (Continued) **1000366959**

Facility name: DETROIT EDISON CO
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008442587

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

C18 **DETROIT EDISON CO** **RCRA-NonGen** **1000366988**
SE **44800 WOODWARD AVE** **MID000722546**
< 1/8 **PONTIAC, MI 48341**
0.068 mi.
358 ft. **Site 4 of 4 in cluster C**

Relative:
Higher

Actual:
964 ft.

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

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1997
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported

DETROIT EDISON CO (Continued) **1000366988**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/26/1997
Owner/Op end date: Not reported

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

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

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

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

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

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

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

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

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

DETROIT EDISON CO (Continued) **1000366988**

Violation Status: No violations found

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19 **LOWRY TIE CO** **UST** **U003321315**
NNE **370 SOUTH SAGINAW** **N/A**
< 1/8 **PONTIAC, MI 48053**
0.075 mi.
398 ft.

Relative:
Lower

Actual:
939 ft.

UST:

Facility ID:	00008475
Facility Type:	CLOSED
Latitude:	42.6271590000
Longitude:	-83.2867980000
Owner Name:	Lowry Tire Co
Owner Address:	370 S SAGINAW
Owner City,St,Zip:	PONTIAC, MI 48053
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 335-6136
Contact:	JOHN LOWRY
Contact Phone:	(313) 335-6136
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:	2000
Install Date:	Apr 2 1978
Product:	Gasoline
Remove Date:	Feb 6 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

D20 **ANDERSON COMPANIES WAREDHOUSE** **LUST** **U002302754**
NE **37 TURK ST** **UST** **N/A**
< 1/8 **PONTIAC, MI 48341**
0.080 mi.
421 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
939 ft.

LUST:

Facility ID:	00038195
Source:	STATE OF MICHIGAN
Owner Name:	Anderson Honda
Owner Address:	1819 S Telegraph Rd
Owner City,St,Zip:	Bloomfield Hills, MI 48302-0163
Owner Contact:	Not reported
Owner Phone:	(313) 333-3200

ANDERSON COMPANIES WAREDHOUSE (Continued) **U002302754**

Country:	USA
District:	SE Michigan District Office
Site Name:	Anderson Sales And Service
Latitude:	42.6278010000
Longitude:	-83.2858360000
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-1007-94
Release Date:	Sep 23 1994
Substance Released:	Gasoline,Unknown
Release Status:	Open
Release Closed Date:	Not reported

UST:

Facility ID:	00038195
Facility Type:	CLOSED
Latitude:	42.6278010000
Longitude:	-83.2858360000
Owner Name:	Anderson Honda
Owner Address:	1819 S Telegraph Rd
Owner City,St,Zip:	Bloomfield Hills, MI 48302-0163
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 333-3200
Contact:	MARK HOVIS
Contact Phone:	(248) 333-3200
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:	Not reported
Product:	Gasoline
Remove Date:	Sep 12 1994
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

D21
NE
< 1/8
0.080 mi.
421 ft.

R. A. MILLER HOLDING, LLC — **BEA** — **S104912303**
37 TURK — **N/A**
PONTIAC, MI

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
939 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	922
District:	Southeast MI
Date Received:	6/11/1999
Submitter Name:	R.A. MILLER HOLDING, LLC
Petition Determination:	Denied
Petition Disclosure:	1
Category:	Same Hazardous Substance(s)
Determination 20107A:	Pending
Reviewer:	thorntop
Division Assigned:	Storage Tank Division

22
East
< 1/8
0.094 mi.
497 ft.

HEAT TREAT SERVICES, INC. — **BEA** — **S105542002**
245 SOUTH BOULEVARD — **N/A**
PONTIAC, MI 48341

Relative:
Higher

Actual:
959 ft.

BEA:

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

E23
SE
< 1/8
0.114 mi.
600 ft.

INTERNATIONAL TRANSMISSION COMPANY LLC — **RCRA-CESQG** — **1007119066**
44800 WOODWARD AVE — **MIK677264236**
PONTIAC, MI 48341

Site 1 of 2 in cluster E

Relative:
Higher

Actual:
966 ft.

RCRA-CESQG:

Date form received by agency:	12/16/2003
Facility name:	INTERNATIONAL TRANSMISSION COMPANY LLC
Facility address:	44800 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MIK677264236
Mailing address:	39500 ORCHARD HILL PLACE NOVI, MI 48375
Contact:	STEVEN SCZYTKO
Contact address:	44800 WOODWARD AVE PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 374-7100
Contact email:	Not reported

INTERNATIONAL TRANSMISSION COMPANY LLC (Continued) **1007119066**

EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: INTERNATIONAL TRANSMISSION CO LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported

Owner/operator name: DTE ENERGY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported

Owner/operator name: DTE ENERGY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported

Handler Activities Summary:

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

INTERNATIONAL TRANSMISSION COMPANY LLC (Continued) **1007119066**

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

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	No
Violation Status:	No violations found

24
NNW
< 1/8
0.118 mi.
625 ft.

INDUSTRIAL VEHICLE SALES **RCRA-CESQG** **1000428262**
45896 WOODWARD **FINDS** **MID121517890**
PONTIAC, MI 48341

Relative:
Lower

Actual:
941 ft.

RCRA-CESQG:

Date form received by agency:	09/27/2004
Facility name:	INDUSTRIAL VEHICLE SALES
Facility address:	45896 WOODWARD PONTIAC, MI 48341
EPA ID:	MID121517890
Contact:	GAIL HOGG
Contact address:	45896 WOODWARD PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 338-1590

INDUSTRIAL VEHICLE SALES (Continued) **1000428262**

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: ANDERSON ANDREW
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: 07/01/1987
Owner/Op end date: Not reported

Owner/operator name: ANDERSON ANDREW
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: 07/01/1987
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

INDUSTRIAL VEHICLE SALES (Continued) **1000428262**

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 01/08/2003
Facility name: INDUSTRIAL VEHICLE SALES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/03/2002
Facility name: INDUSTRIAL VEHICLE SALES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/01/1987
Facility name: INDUSTRIAL VEHICLE SALES
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008448821

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.

E25
SE
< 1/8
0.123 mi.
651 ft.

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

Site 2 of 2 in cluster E

RCRA-NonGen
FINDS

1000334598
MID981534704

Relative:
Higher

Actual:
967 ft.

RCRA-NonGen:

Date form received by agency:	09/17/1998
Facility name:	ARNOLD JEROME CADILLAC SUBARU INC
Facility address:	815 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MID981534704
Mailing address:	675 S SAGINAW PONTIAC, MI 48341
Contact:	JOSEPH SALVADOR
Contact address:	815 WOODWARD AVE PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(313) 334-0461
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

Owner/operator name:	PONTIAC FARM AND INDUSTRIAL
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1970
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

ARNOLD JEROME CADILLAC SUBARU INC (Continued) **1000334598**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 08/18/1986
Facility name: ARNOLD JEROME CADILLAC SUBARU INC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008450700

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.

26
NE
1/8-1/4
0.126 mi.
663 ft.

EASTERN OIL
590 S PADDOCK ST
PONTIAC, MI 48341

AST **1001156259**
N/A

Relative:
Higher

Actual:
959 ft.

AST:

Type:	ACTIVE
Owner Name:	Eastern Oil
Owner Address:	590 S Paddock St
Owner City,St,Zip:	Pontiac, MI 48341-3236
Owner County:	USA
Owner Contact:	Not reported
Owner Telephone:	(313) 546-6100
Facility ID:	91063068
District:	SE Michigan District Office
Contact:	MARV FERGUSON
Facility Phone:	(248) 333-1333
Tank ID:	11
Tank Status:	Currently In Use
Capacity:	18000
Install Date:	Aug 11 1992
Close Date:	Not reported
Content:	FL- KEROSINE
Latitude:	42.6227020000
Longitude:	-83.2807260000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description of Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Nu

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

EASTERN OIL (Continued) **1001156259**

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

F27 **AUTO CLINIC** **RCRA-CESQG** **1007264615**
SE **44732 WOODWARD AVE** **MIK754376697**
1/8-1/4 **PONTIAC, MI 48341**
0.179 mi.
943 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
971 ft.

RCRA-CESQG:

Date form received by agency:	02/27/2004
Facility name:	AUTO CLINIC
Facility address:	44732 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MIK754376697
Contact:	JEFF MORAN
Contact address:	44732 WOODWARD AVE PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 333-0800
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

AUTO CLINIC (Continued) **1007264615**

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

Owner/operator name:	JEFF MORAN
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/05/2004
Owner/Op end date:	Not reported

Owner/operator name:	LARRY STONE
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/05/2004
Owner/Op end date:	Not reported

Owner/operator name:	LARRY STONE
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/05/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

AUTO CLINIC (Continued) **1007264615**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY THERMOMETERS
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	MERCURY SWITCHES
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	No
Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	No
Violation Status:	No violations found

28
West
1/8-1/4
0.183 mi.
968 ft.

Relative:
Lower

Actual:
941 ft.

PONTIAC STATION #2 PONTIAC FIRE **LUST U003321099**
348 SOUTH BLVD W **UST N/A**
PONTIAC, MI 48341

LUST:

Facility ID:	00007475
Source:	STATE OF MICHIGAN
Owner Name:	City of Pontiac
Owner Address:	47450 Woodward Ave
Owner City,St,Zip:	Pontiac, MI 48342-2245
Owner Contact:	Not reported
Owner Phone:	(248) 857-7611
Country:	USA

PONTIAC STATION #2 PONTIAC FIRE (Continued) **U003321099**

District:	SE Michigan District Office
Site Name:	Pontiac Station #2 Pontiac Fire
Latitude:	42.6192580000
Longitude:	-83.2920300000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0198-99
Release Date:	Feb 26 1999
Substance Released:	Diesel
Release Status:	Open
Release Closed Date:	Not reported

UST:

Facility ID:	00007475
Facility Type:	CLOSED
Latitude:	42.6192580000
Longitude:	-83.2920300000
Owner Name:	City of Pontiac
Owner Address:	47450 Woodward Ave
Owner City,St,Zip:	Pontiac, MI 48342-2245
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 857-7611
Contact:	RONALD RAYNER
Contact Phone:	(248) 857-7665
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	550
Install Date:	Mar 17 1970
Product:	Diesel
Remove Date:	Mar 1 1999
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

F29
SE
1/8-1/4
0.201 mi.
1059 ft.

PONTIAC MEDICAL ASSOCIATES MERCURY SPILL
44696 WOODWARD
PONTIAC, MI 48341

Site 2 of 2 in cluster F

CERC-NFRAP **1005440719**
MIN000508263

Relative:
Higher

Actual:
971 ft.

CERC-NFRAP:

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

CERCLIS-NFRAP Site Contact Name(s):

Contact Title:	EPA ORC
Contact Name:	THOMAS KRUEGER
Contact Tel:	(312) 886-0562
Contact Title:	Civil Investigator
Contact Name:	JOSEPH MALEK
Contact Tel:	(312) 353-2007
Contact Title:	Enforcement Specialist
Contact Name:	CAROL A. ROPSKI
Contact Tel:	(312) 353-7647

Program Priority:

Description:	Great Lakes

CERCLIS-NFRAP Assessment History:

Action:	PRP EMERGENCY REMOVAL
Date Started:	10/30/2001
Date Completed:	10/31/2001
Priority Level:	Cleaned up
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	07/20/2005
Priority Level:	Not reported

30
East
1/8-1/4
0.208 mi.
1100 ft.

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

BEA **S108669949**
N/A

Relative:
Higher

Actual:
954 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	3608
District:	Southeast MI
Date Received:	7/6/2007 12:59:00 AM
Submitter Name:	Comerica Bank
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	mathewsb
Division Assigned:	Environmental Response Division

G31 **EPOXI TECH** **RCRA-NonGen** **1001817557**
NW **8 BRUSH ST** **FINDS** **MIR000042697**
1/8-1/4 **PONTIAC, MI 48341**
0.209 mi.
1103 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
934 ft.

RCRA-NonGen:

Date form received by agency:	03/08/2000
Facility name:	EPOXI TECH
Facility address:	8 BRUSH STREET
	PONTIAC, MI 48053
EPA ID:	MIR000042697
Mailing address:	32700 INDUSTRIAL
	MADISON HEIGHTS, MI 48071
Contact:	SIMON PALUSHI
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	(248) 585-7500
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/01/1999
Owner/Op end date:	Not reported

Owner/operator name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/01/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

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

EPOXI TECH (Continued) **1001817557**

Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 10/31/1999
Facility name: EPOXI TECH
Classification: Not a generator, verified

Date form received by agency: 10/21/1999
Facility name: EPOXI TECH
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110007595842

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.

G32 **AKZO NOBEL COATINGS INC** **RCRA-LQG** **1000310962**
NW **25 BRUSH ST** **FINDS** **MID000647024**
1/8-1/4 **PONTIAC, MI 48341**
0.214 mi.
1132 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
933 ft.

RCRA-LQG:

Date form received by agency:	03/27/2008
Facility name:	AKZO NOBEL COATINGS INC
Facility address:	25 BRUSH ST PONTIAC, MI 48341
EPA ID:	MID000647024
Contact:	ROBERT PERREAULT
Contact address:	25 BRUSH ST PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 451-4597
Contact email:	Not reported
EPA Region:	05
Land type:	Private
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:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/01/1981
Owner/Op end date:	Not reported

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/01/1981
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

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

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

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

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

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

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

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

Historical Generators:

Date form received by agency:	02/20/2007
Facility name:	AKZO NOBEL COATINGS INC
Classification:	Large Quantity Generator

Date form received by agency:	03/01/2006
Facility name:	AKZO NOBEL COATINGS INC
Classification:	Large Quantity Generator

Date form received by agency:	02/17/2006
Facility name:	AKZO NOBEL COATINGS INC
Classification:	Large Quantity Generator

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Date form received by agency: 03/30/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 05/19/2003
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/07/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/22/2000
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO NOBEL DECORATIVE FINISHES
Classification: Large Quantity Generator

Date form received by agency: 04/09/1998
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO NOBEL COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 10/20/1994
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 08/12/1980
Facility name: AKZO NOBEL COATINGS INC
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): 167798.4

Waste code: D004

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Waste name: ARSENIC
Amount (Lbs): 44

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 44

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 44

Waste code: D008
Waste name: LEAD
Amount (Lbs): 44

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 44

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): 149276.4

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): 97109.1

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/27/2006
Date achieved compliance: 11/01/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/27/2006
Date achieved compliance: 11/10/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/13/2002
Date achieved compliance: 01/21/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/14/2001
Date achieved compliance: 09/12/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/17/2001
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: Generators - Manifest
Date violation determined: 09/30/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Area of violation: Generators - General
Date violation determined: 09/30/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/30/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/23/1994
Date achieved compliance: 01/31/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/27/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/10/2006
Evaluation lead agency: State

Evaluation date: 09/27/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/01/2006
Evaluation lead agency: State

Evaluation date: 08/13/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting

AKZO NOBEL COATINGS INC (Continued) **1000310962**

Date achieved compliance: 01/21/2003
Evaluation lead agency: EPA

Evaluation date: 08/14/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/12/2001
Evaluation lead agency: State

Evaluation date: 09/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

Evaluation date: 09/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

Evaluation date: 09/27/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

Evaluation date: 09/23/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/31/2005
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

FINDS:

Registry ID: 110000742420

Environmental Interest/Information System

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

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

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

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills,

AKZO NOBEL COATINGS INC (Continued) **1000310962**

chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.

G33 **AKZO NOBEL COATINGS INC** **RCRA-LQG 1000324805**
NW **27 BRUSH ST** **TRIS 48341KZCTN25**
1/8-1/4 **PONTIAC, MI 48341**
0.215 mi.
1135 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
933 ft.

RCRA-LQG:

Date form received by agency:	02/28/2008
Facility name:	AKZO NOBEL COATINGS INC
Facility address:	27 BRUSH ST PONTIAC, MI 48341
EPA ID:	MID985579895
Mailing address:	120 FRANKLIN RD PONTIAC, MI 48341
Contact:	PETER ONYSKIW
Contact address:	27 BRUSH ST PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 451-6175
Contact email:	Not reported
EPA Region:	05
Land type:	Private
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:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/10/1990
Owner/Op end date:	Not reported
Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/10/1990
Owner/Op end date: Not reported

Owner/operator name: AKZO NOBEL COATINGS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/10/1990
Owner/Op end date: Not reported

Owner/operator name: AKZO NOBEL COATINGS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/10/1990
Owner/Op end date: Not reported

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

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

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

Waste type: MERCURY SWITCHES

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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

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

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 04/24/2007
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/31/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 04/30/2003

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/12/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/22/2000
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 04/09/1998
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO NOBEL COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 01/25/1994
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO COATINGS INCORPORATED
Classification: Large Quantity Generator

Date form received by agency: 04/21/1992
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO COATINGS, INC.
Classification: Large Quantity Generator

Date form received by agency: 05/18/1990
Facility name: AKZO NOBEL COATINGS INC
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): 1459627

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 1308830

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1309330

Waste code: D008

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Waste name: LEAD
Amount (Lbs): 1056833.4

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 1409557.5

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): 1382166.5

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): 427078

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/17/2001
Date achieved compliance: 09/07/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/17/2001
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: Generators - Manifest
Date violation determined: 09/27/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/27/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/27/1994
Date achieved compliance: 02/01/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/27/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/21/1994
Date achieved compliance: 01/31/2005
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/27/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/14/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/07/2001
Evaluation lead agency: State

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Evaluation date: 09/21/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

Evaluation date: 09/21/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

Evaluation date: 09/21/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/31/2005
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 09/21/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 02/01/1996
Evaluation lead agency: State

34
NW
1/8-1/4
0.220 mi.
1159 ft.

AKZO NOBEL COATINGS INC **RCRA-LQG 1000310961**
30 BRUSH ST **FINDS MID000265207**
PONTIAC, MI 48341

Relative:
Lower

Actual:
931 ft.

RCRA-LQG:
Date form received by agency: 02/29/2008
Facility name: AKZO NOBEL COATINGS INC
Facility address: 30 BRUSH ST
PONTIAC, MI 48341
EPA ID: MID000265207
Mailing address: PO BOX 669
BLOOMFIELD HILLS, MI 48303
Contact: PETER ONYSKIW
Contact address: 30 BRUSH ST
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 451-6175
Contact email: Not reported
EPA Region: 05
Land type: Private
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

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Owner/Operator Summary:

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/11/1980
Owner/Op end date:	Not reported

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/11/1980
Owner/Op end date:	Not reported

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/11/1980
Owner/Op end date:	Not reported

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/11/1980
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

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Used oil transporter: No
Off-site waste receiver: Commercial status unknown

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

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

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

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

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 04/24/2007
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Date form received by agency: 02/28/2006
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/26/2004
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/13/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/2000
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 05/14/1998
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/1998
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO NOBEL COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 02/29/1996
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO NOBEL COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO COATINGS INC, TRANSP COATINGS
Classification: Large Quantity Generator

Date form received by agency: 02/24/1992
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 02/24/1990
Facility name: AKZO NOBEL COATINGS INC
Site name: AKZO COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Date form received by agency: 08/11/1980
Facility name: AKZO NOBEL COATINGS INC
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): 457452.6

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): 460

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 406239.5

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 3652.1

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 422451.8

Waste code: D008
Waste name: LEAD
Amount (Lbs): 109384.4

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 20

Waste code: D011
Waste name: SILVER
Amount (Lbs): 90

Waste code: D019
Waste name: CARBON TETRACHLORIDE
Amount (Lbs): 20

Waste code: D026

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Waste name: CRESOL
Amount (Lbs): 50

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 364208.1

Waste code: D043
Waste name: VINYL CHLORIDE
Amount (Lbs): 95

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): 299591.6

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): 323878.3

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 4274.6

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/25/1985
Date achieved compliance: 02/14/1986
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/25/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/27/2006

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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

Evaluation date: 08/14/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 02/14/1986
Evaluation lead agency: EPA

FINDS:

Registry ID: 110000404722

Environmental Interest/Information System

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

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

US EPA TRIS (Toxics Release Inventory System) contains information 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.

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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

35
SE
1/8-1/4
0.224 mi.
1185 ft.

MEDICAL ASSOCIATES INC **RCRA-CESQG** **1007097086**
44656 WOODWARD AVE **MIK296174477**
PONTIAC, MI 48341

Relative:
Higher

Actual:
971 ft.

RCRA-CESQG:

Date form received by agency:	11/02/2001
Facility name:	MEDICAL ASSOCIATES INC
Facility address:	44656 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MIK296174477
Contact:	EUGENE ROGERS
Contact address:	44656 WOODWARD AVE PONTIAC, MI 48341
Contact country:	Not reported
Contact telephone:	(248) 335-5911
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	EUGENE AND JEANETTE CAMPBELL ROGERS
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/02/2001
Owner/Op end date:	Not reported
Owner/operator name:	EUGENE AND JEANETTE CAMPBELL ROGERS

MEDICAL ASSOCIATES INC (Continued) **1007097086**

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/02/2001
Owner/Op end date: Not reported

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

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

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

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

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

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

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

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

MEDICAL ASSOCIATES INC (Continued) **1007097086**

Violation Status: No violations found

H36 **GAUKLER STORAGE CO** **LUST U003323147**
East **400 SOUTH BLVD E** **UST N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.351 mi.
1851 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
951 ft.

LUST:

Facility ID:	00014737
Source:	STATE OF MICHIGAN
Owner Name:	Gaukler Storage Co
Owner Address:	400 South Blvd E
Owner City,St,Zip:	Pontiac, MI 48341-2962
Owner Contact:	Not reported
Owner Phone:	(248) 858-8000
Country:	USA
District:	SE Michigan District Office
Site Name:	Gaukler Storage Co
Latitude:	42.6193210000
Longitude:	-83.2753260000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0545-99
Release Date:	Jun 9 1999
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	Sep 27 1999

UST:

Facility ID:	00014737
Facility Type:	CLOSED
Latitude:	42.6193210000
Longitude:	-83.2753260000
Owner Name:	Gaukler Storage Co
Owner Address:	400 South Blvd E
Owner City,St,Zip:	Pontiac, MI 48341-2962
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 858-8000
Contact:	GENE STANLEY
Contact Phone:	(248) 858-8000
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	1
Tank Status:	**Removed from Ground**

GAUKLER STORAGE CO (Continued) **U003323147**

Capacity:	10000
Install Date:	Mar 6 1980
Product:	Diesel
Remove Date:	Apr 9 1999
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	5000
Install Date:	Mar 6 1980
Product:	Gasoline
Remove Date:	Jun 9 1999
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	5000
Install Date:	Mar 6 1980
Product:	Gasoline
Remove Date:	Jun 9 1999
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel,Lined Interier
Impressed Device:	No

H37 **ANKERSON RESOURCE SYSTEMS INC** **HIST LF** **S102519183**
East **400 SOUTH BLVD E** **N/A**
1/4-1/2 **PONTIAC, MI 48054**
0.351 mi.
1851 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
951 ft.

Historical LF:

Facility ID:	63000002
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Other
Facility Contact:	B RICHARD
County Code:	63
Facility Number:	000002

ANKERSON RESOURCE SYSTEMS INC (Continued) **S102519183**

Staff:	Not reported
Active:	No
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	ANKERSON RESOURCE SYSTEMS INC.
Owner Contact:	Not reported
Attention:	B RICHARD ANKERSON
Owner Address:	400 SOUTH BLVD EAST
Owner City,St,Zip:	PONTIAC, MI 00000
Owner Telephone:	Not reported
Owner Fax:	Not reported
Owner Email:	Not reported
District:	S.E. Michigan
Section:	04
Permit Applicant:	ANKERSON RESOURCE SYSTEMS INC
Permit Applicant Contact:	B RICHARD ANKERSON
Permit Applicant Address:	400 SOUTH BLVD EAST
Permit Applicant City,St,Zip:	PONTIAC, MI 48054
Permit Applicant Phone:	Not reported
Application Type:	Private
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	0.00
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	0.000
Acres Certified Closed:	0.000
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	0.000
Issue of 2nd Construction Permit Date:	Not reported

ANKERSON RESOURCE SYSTEMS INC (Continued) **S102519183**

Acres Given in 2nd Construction Permit:	0.000
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	0.000
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

I38 **TRUCK CENTER** **LUST U000262877**
South **554 FRANKLIN RD** **UST N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.362 mi.
1910 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
960 ft.

LUST:

Facility ID:	00021822
Source:	STATE OF MICHIGAN
Owner Name:	Northtown Bldg & Developer Inc
Owner Address:	PO Box 489
Owner City,St,Zip:	Livonia, LA 70755-0489
Owner Contact:	Not reported
Owner Phone:	(504) 627-4533
Country:	USA
District:	SE Michigan District Office
Site Name:	Truck Center
Latitude:	42.6137550000
Longitude:	-83.2882620000
Date of Collection:	01-11-2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Leak Number:	C-0473-97
Release Date:	Jun 19 1997
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

UST:

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

TRUCK CENTER (Continued) **U000262877**

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: Jun 25 1976
Product: Diesel
Remove Date: Jun 19 1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Jun 25 1956
Product: Diesel
Remove Date: Jun 19 1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Jun 25 1956
Product: Used Oil
Remove Date: Jun 19 1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 2000
Install Date: Jun 25 1976
Product: Used Oil
Remove Date: Jun 19 1997

TRUCK CENTER (Continued) **U000262877**

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

I39
South
1/4-1/2
0.362 mi.
1910 ft.

LIGHT INDUSTRIAL BUILDING **BEA** **S106802536**
554 FRANKLIN ROAD **N/A**
PONTIAC, MI 48341

Site 2 of 2 in cluster I

Relative:
Higher

Actual:
960 ft.

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

40
South
1/4-1/2
0.409 mi.
2158 ft.

HOWLAND & LUTHER STREETS **DEL SHWS** **S105966048**
HOWLAND / LUTHER **N/A**
PONTIAC, MI 48341

Relative:
Higher

Actual:
984 ft.

DELETED HWS:
Facility ID: 63001014
Status: Delisted - no longer meets criteria specified in rules

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J41
NW
1/4-1/2
0.418 mi.
2209 ft.

CITY GAS WORKS **Manufactured Gas Plants** **1008408145**
55 WESSEN STREET **N/A**
PONTIAC, MI 48341

Site 1 of 3 in cluster J

Relative:
Lower

Actual:
932 ft.

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

J42 **PONTIAC MANUFACTURED GAS PLANT** **SHWS** **S107793863**
NW **55 WESSEN STREET** **NPDES** **N/A**
1/4-1/2 **PONTIAC, MI**
0.418 mi.
2209 ft. **Site 2 of 3 in cluster J**

Relative:
Lower

Actual:
932 ft.

SHWS:

Facility ID:	63001017
Facility Status:	**Interim Response in progress**
Source:	Gas Production & Distribution
SAM Score:	32 out o
SAM Score Date:	2/12/2004
Township:	null
Range:	null
Section:	null
Quarter:	null
Quarter/Quarter:	null
Pollutants:	null

MI NPDES:

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

J43 **DEPARTMENT OF PUBLIC WORKS** **LUST** **U000262872**
NW **55 WESSON ST** **UST** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.418 mi.
2209 ft. **Site 3 of 3 in cluster J**

Relative:
Lower

Actual:
932 ft.

LUST:

Facility ID:	00009573
Source:	STATE OF MICHIGAN
Owner Name:	City of Pontiac
Owner Address:	55 Wesson St
Owner City,St,Zip:	Pontiac, MI 48341-2266
Owner Contact:	Not reported
Owner Phone:	(248) 857-7746
Country:	USA
District:	SE Michigan District Office

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

Site Name: Department Of Public Works
Latitude: 42.6315390000
Longitude: -83.2923050000
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-0330-92
Release Date: Mar 2 1992
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0659-99
Release Date: Jul 2 1999
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:
Facility ID: 00009573
Facility Type: ACTIVE
Latitude: 42.6315390000
Longitude: -83.2923050000
Owner Name: City of Pontiac
Owner Address: 55 Wesson St
Owner City,St,Zip: Pontiac, MI 48341-2266
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 857-7746
Contact: Robert England
Contact Phone: (248) 758-3622
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: 6
Tank Status: Removed from Ground
Capacity: 20000
Install Date: Apr 17 1968
Product: Gasoline
Remove Date: May 1 1987
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

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

Tank ID: 7
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 17 1968
Product: Gasoline
Remove Date: May 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Impressed Device: No

Tank ID: 8
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 17 1968
Product: Gasoline
Remove Date: May 1 1987
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: 9
Tank Status: Removed from Ground
Capacity: 15000
Install Date: Apr 17 1976
Product: Diesel
Remove Date: Mar 1 1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected
Piping Type: Not reported
Constr Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 10
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 17 1986
Product: Used Oil
Remove Date: Apr 26 1999
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected
Piping Type: Not reported
Constr Material: BUFFALO STI-P3,Cathodically Protected Steel
Impressed Device: No

Tank ID: 11

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

Tank Status:	**Currently In Use**
Capacity:	12000
Install Date:	Apr 17 1986
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Cathodically Protected Steel
Impressed Device:	No

Tank ID:	12
Tank Status:	**Currently In Use**
Capacity:	12000
Install Date:	Apr 17 1986
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Automatic Line Leak Detectors
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Cathodically Protected Steel
Impressed Device:	No

Tank ID:	13
Tank Status:	**Removed from Ground**
Capacity:	160000
Install Date:	Not reported
Product:	COAL-TAR
Remove Date:	May 23 1991
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Concrete
Impressed Device:	No

Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Apr 17 1968
Product:	Used Oil
Remove Date:	Jan 1 1987
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**

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

Capacity:	1000
Install Date:	Apr 17 1968
Product:	OIL
Remove Date:	Jan 1 1981
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:	3
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Apr 17 1968
Product:	OIL
Remove Date:	Jan 1 1981
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 17 1961
Product:	Used Oil
Remove Date:	Jan 1 1983
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:	5
Tank Status:	**Removed from Ground**
Capacity:	15000
Install Date:	Apr 17 1961
Product:	Used Oil
Remove Date:	Jan 1 1987
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

44 SE 1/4-1/2 0.440 mi. 2324 ft. — **ST JOSEPH MERCY HOSPITAL**, **44405 WOODWARD AVE**, **PONTIAC, MI 48341** — **RCRA-SQG, FINDS, LUST, UST, AIRS** — **1000265678 / MID067359240**

Relative: Higher

Actual: 970 ft.

RCRA-SQG:

Date form received by agency:	03/01/2002
Facility name:	ST JOSEPH MERCY HOSPITAL / OAKLAND
Facility address:	44405 WOODWARD AVE PONTIAC, MI 48341
EPA ID:	MID067359240
Contact:	RODNEY LOSEY
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(248) 858-3073
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	TRINITY HEALTH
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1926
Owner/Op end date:	Not reported

Owner/operator name:	SISTERS OF MERCY HEALTH CARE CORP
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1901
Owner/Op end date:	Not reported

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1970
Owner/Op end date:	Not reported

Owner/operator name:	TRINITY HEALTH

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1926
Owner/Op end date: Not reported

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

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

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

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

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

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

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

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

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

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

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

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

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

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

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

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

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

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

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/14/1995
Date achieved compliance: 03/13/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Evaluation Action Summary:

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

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

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

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

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

FINDS:

Registry ID: 110003602003

Environmental Interest/Information System

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

LUST:

Facility ID:	00016299
Source:	STATE OF MICHIGAN
Owner Name:	St Joseph Mercy Oakland
Owner Address:	44405 Woodward Ave
Owner City,St,Zip:	Pontiac, MI 48341-5023
Owner Contact:	Not reported
Owner Phone:	(248) 858-3076
Country:	USA
District:	SE Michigan District Office
Site Name:	St Joseph Mercy-oakland
Latitude:	42.6152320000
Longitude:	-83.2758290000

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0016-03
Release Date: Jan 10 2003
Substance Released: Diesel
Release Status: Closed
Release Closed Date: May 6 2003

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

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

Leak Number: C-0555-02
Release Date: Sep 24 2002
Substance Released: Diesel
Release Status: Closed
Release Closed Date: Dec 30 2002

UST:
Facility ID: 00016299
Facility Type: ACTIVE
Latitude: 42.6152320000
Longitude: -83.2758290000
Owner Name: St Joseph Mercy Oakland
Owner Address: 44405 Woodward Ave
Owner City,St,Zip: Pontiac, MI 48341-5023
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 858-3076
Contact: Keith Palmbach
Contact Phone: (248) 858-3074
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: E
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Jul 1 1997

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Product: Diesel
Remove Date: Aug 15 2002
Tank Release Detection: Automatic Tank Gauging,Inter Monitoring Double Walled Tank
Pipe Realease Detection: Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled,Flexible Piping
Piping Type: Suction: No Valve At Tank
Constr Material: Double Walled,Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: G
Tank Status: Currently In Use
Capacity: 200
Install Date: Jun 22 2009
Product: Diesel
Remove Date: Not reported
Tank Release Detection: Tank Tightness Testing, Interstitial Monitoring Double Walled Tank
Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled Piping
Piping Material: Bare Steel, Fiberglass Reinforced Plastic
Piping Type: Suction: Valve at Tank
Constr Material: Unknown
Impressed Device: No

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

Tank ID: B
Tank Status: Removed from Ground
Capacity: 2000
Install Date: Apr 25 1967
Product: Diesel
Remove Date: Dec 1 1992
Tank Release Detection: Groundwater Monitoring,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: D
Tank Status: Currently In Use

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

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

Tank ID:	F
Tank Status:	**Currently In Use**
Capacity:	20000
Install Date:	Jun 22 2009
Product:	Diesel
Remove Date:	Not reported
Tank Release Detection:	Tank Tightness Testing, Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe Realease Detection:	Interstitial Monitoring Double Walled Piping
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Constr Material:	Composite (Steel with Fiberglass)
Impressed Device:	No

Tank ID:	A
Tank Status:	**Removed from Ground**
Capacity:	20000
Install Date:	Apr 25 1967
Product:	HEATING OIL
Remove Date:	Dec 1 1992
Tank Release Detection:	Automatic Tank Gauging,Groundwater Monitoring,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment,Inventory Control,Manual Tank Gauging,Tank Tightness Testing,Vapor Monitoring
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel,Galvanized Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

AIRS:

State Registration Number:	G5066
Naics Code:	622110
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Permit Number:	Not reported
Date Received:	Not reported
State Registration Number:	G5066
Country:	USA
Application Reason:	Not reported
Record Type:	SI
State County FIPS:	26125

ST JOSEPH MERCY HOSPITAL (Continued) **1000265678**

Facility Category: 01
SIC Primary: Not reported
Tribal Code: 000
EI Year: Not reported

45
NE
1/4-1/2
0.458 mi.
2419 ft.

PARTS PACKAGING **BEA** **S104910825**
391 E. WILSON AVENUE **N/A**
PONTIAC, MI

Relative:
Lower

Actual:
950 ft.

BEA:
Secondary Address: Not reported
BEA Number: 286
District: Southeast MI
Date Received: 3/11/1997
Submitter Name: KALE HOLDINGS, L.L.C.
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Denied
Reviewer: berakr
Division Assigned: Environmental Response Division

46
NE
1/4-1/2
0.466 mi.
2461 ft.

BORON OIL - PONT BULK #782 **LUST** **U000262598**
369 RAEBURN ST **UST** **N/A**
PONTIAC, MI 48180

Relative:
Lower

Actual:
947 ft.

LUST:
Facility ID: 00013760
Source: STATE OF MICHIGAN
Owner Name: Boron Oil Co
Owner Address: 24801 Ecorse Rd
Owner City,St,Zip: Taylor, MI 48180-1614
Owner Contact: Not reported
Owner Phone: (213) 295-3000
Country: USA
District: SE Michigan District Office
Site Name: Boron Distribution Center
Latitude: 42.6264430000
Longitude: -83.2750450000
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-0688-85
Release Date: Oct 1 1987
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

BORON OIL - PONT BULK #782 (Continued) **U000262598**

UST:

Facility ID:	00013760
Facility Type:	CLOSED
Latitude:	42.6264430000
Longitude:	-83.2750450000
Owner Name:	Boron Oil Co
Owner Address:	24801 Ecorse Rd
Owner City,St,Zip:	Taylor, MI 48180-1614
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(213) 295-3000
Contact:	P.D. RAYMOND
Contact Phone:	(213) 295-3000
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:	15000
Install Date:	Apr 28 1968
Product:	Gasoline
Remove Date:	Jan 1 1987
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:	15000
Install Date:	Apr 28 1968
Product:	Diesel
Remove Date:	Jan 1 1987
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No
Tank ID:	8
Tank Status:	**Removed from Ground**
Capacity:	5000
Install Date:	Apr 28 1968
Product:	Diesel
Remove Date:	Jan 1 1987
Tank Release Detection:	Not reported

BORON OIL - PONT BULK #782 (Continued) **U000262598**

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

Tank ID: 9
Tank Status: Removed from Ground
Capacity: 5000
Install Date: Apr 28 1968
Product: Diesel
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 15000
Install Date: Apr 28 1968
Product: Gasoline
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 15000
Install Date: Apr 28 1968
Product: Gasoline
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 15000
Install Date: Apr 28 1968
Product: Kerosene
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

BORON OIL - PONT BULK #782 (Continued) **U000262598**

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: 15000
Install Date: Apr 28 1968
Product: Diesel
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Removed from Ground
Capacity: 5000
Install Date: Apr 28 1968
Product: Diesel
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Fiberglass reinforced plastic
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 10
Tank Status: Removed from Ground
Capacity: 500
Install Date: Apr 28 1968
Product: OIL/WATER SEPAR
Remove Date: Jan 1 1987
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: 11
Tank Status: Removed from Ground
Capacity: 1600
Install Date: Apr 28 1968
Product: OIL/WATER
Remove Date: Jan 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown

BORON OIL - PONT BULK #782 (Continued) **U000262598**

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

Tank ID: 12
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Apr 28 1968
Product: OIL/WATER
Remove Date: Jan 1 1987
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

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47 **GM TRUCK & BUS EAST** **LUST** **S102726265**
North **31 E JUDSON ST** **N/A**
1/4-1/2 **PONTIAC, MI 48342**
0.477 mi.
2520 ft.

Relative:
Lower

Actual:
935 ft.

LUST:
Facility ID: 50001534
Source: STATE OF MICHIGAN
Owner Name: Nrt Owner
Owner Address: Unknown
Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: SE Michigan District Office
Site Name: GM Truck & Bus - East
Latitude: 42.6335000000
Longitude: -83.2883770000
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-0677-85
Release Date: Nov 18 1988
Substance Released: Not reported
Release Status: Closed
Release Closed Date: Sep 18 1995

K48 **CARDINAL AUTOMOTIVE - 2ND PETITIONER** **BEA** **S104912200**
NE **355 S. SANFORD STREET** **N/A**
1/4-1/2 **PONTIAC, MI**
0.482 mi.
2544 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
939 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	854
District:	Southeast MI
Date Received:	3/5/1999
Submitter Name:	CARDINAL AUTOMOTIVE
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	Different Hazardous Substance(s)
Determination 20107A:	Affirmed
Reviewer:	temppm
Division Assigned:	Environmental Response Division

K49 **ALLEYBEAR, LLC** **BEA** **S106676449**
NE **355 SOUTH SANFORD STREET** **N/A**
1/4-1/2 **PONTIAC, MI**
0.482 mi.
2544 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
939 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	2550
District:	Southeast MI
Date Received:	11/19/2004 12:59:00 AM
Submitter Name:	Deborah Silver Alleybear LLC
Petition Determination:	Denied
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	Denied
Reviewer:	mathewsb
Division Assigned:	Environmental Response Division

Secondary Address:	Not reported
BEA Number:	2777
District:	Southeast MI
Date Received:	5/13/2005 12:59:00 AM
Submitter Name:	Alleybear, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	mathewsb
Division Assigned:	Environmental Response Division

L50 **VACANT LOT** **LUST U003330432**
NNW **147 S SAGINAW** **UST N/A**
1/4-1/2 **PONTIAC, MI 48302**
0.491 mi.
2593 ft. **Site 1 of 2 in cluster L**

Relative:
Lower

Actual:
932 ft.

LUST:

Facility ID:	00039574
Source:	STATE OF MICHIGAN
Owner Name:	Dr Herbert Issac
Owner Address:	1711 S Woodward Ave Ste 103
Owner City,St,Zip:	Bloomfield Hills, MI 48302-0569
Owner Contact:	Not reported
Owner Phone:	(248) 334-4773
Country:	USA
District:	SE Michigan District Office
Site Name:	Issac Property
Latitude:	42.6329390000
Longitude:	-83.2904600000
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-0824-96
Release Date:	Oct 15 1996
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	Apr 9 1998

UST:

Facility ID:	00039574
Facility Type:	CLOSED
Latitude:	42.6329390000
Longitude:	-83.2904600000
Owner Name:	Dr Herbert Issac
Owner Address:	1711 S Woodward Ave Ste 103
Owner City,St,Zip:	Bloomfield Hills, MI 48302-0569
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 334-4773
Contact:	DR HERBERT ISAAC
Contact Phone:	(248) 334-4773
Date of Collection:	01-11-2001
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Datum:	NAD83
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	550
Install Date:	Not reported
Product:	UNK

VACANT LOT (Continued) **U003330432**

Remove Date:	Mar 1 1998
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:	550
Install Date:	Not reported
Product:	UNK
Remove Date:	Mar 1 1998
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

L51 **PONTIAC PLACE** **BEA S107466673**
NNW **140 SOUTH SAGINAW STREET** **N/A**
1/4-1/2 **PONTIAC, MI**
0.497 mi.
2625 ft. **Site 2 of 2 in cluster L**

Relative:
Lower

Actual:
931 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	3877
District:	Southeast MI
Date Received:	4/10/2008 12:59:00 AM
Submitter Name:	Fidelity Investments Group, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	mathewsb
Division Assigned:	Environmental Response Division

Secondary Address:	Not reported
BEA Number:	2971
District:	Southeast MI
Date Received:	11/29/2005 12:59:00 AM
Submitter Name:	140 Saginaw Pontiac, LLC
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	Affirmed
Reviewer:	williame
Division Assigned:	Environmental Response Division

52
WNW
1/2-1
0.653 mi.
3449 ft.

Relative:
Lower

Actual:
929 ft.

AMERICAN FORGE AND SOCKET
150-160 BRANCH
PONTIAC, MI

Database(s): SHWS
EDR ID Number: S108959528
EPA ID Number: N/A

SHWS:
Facility ID: 63005228
Facility Status: No status assigned
Source: Fabricated Metal Products
SAM Score: 22 out o
SAM Score Date: 8/16/2004
Township: null
Range: null
Section: null
Quarter: null
Quarter/Quarter: null
Pollutants: null

53
East
1/2-1
0.902 mi.
4763 ft.

Relative:
Lower

Actual:
931 ft.

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

Database(s): RCRA-TSDF, CERC-NFRAP, CORRACTS, RCRA-LQG, US INST CONTROL, TRIS, FINDS, MANIFEST
EDR ID Number: 1000881766
EPA ID Number: 48058GMCTR82

RCRA-TSDF:
Date form received by agency: 02/27/2008
Facility name: GENERAL MOTORS CORPORATION
Facility address: 2100 S OPDYKE RD
PONTIAC, MI 48341
EPA ID: MID005356902
Contact: ROBERT FENN
Contact address: 2100 S OPDYKE RD
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 452-2829
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date: Not reported
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Owner/Operator Summary:
Owner/operator name: PONTIAC ASSEMBLY CENTER GMVM
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/25/2002
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/25/2002
Owner/Op end date: Not reported

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

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

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

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

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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

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

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

Historical Generators:
Date form received by agency: 08/24/2007
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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

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

Date form received by agency: 02/27/2004
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 05/13/2003
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

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

Date form received by agency: 02/25/2002
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 12/04/2001
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/05/2001
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/28/2000
Facility name: GENERAL MOTORS CORPORATION
Site name: GM TRUCK GROUP PONTIAC EAST ASSEM.
Classification: Large Quantity Generator

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Date form received by agency: 02/26/1998
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST
Classification: Large Quantity Generator

Date form received by agency: 04/19/1996
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/18/1996
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS PONTIAC EAST ASSEMBLY
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990
Facility name: GENERAL MOTORS CORPORATION
Site name: GMC TRUCK & BUS GROUP
Classification: Large Quantity Generator

Date form received by agency: 11/17/1980
Facility name: GENERAL MOTORS CORPORATION
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2007

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A 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): 1763097.8

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 390

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

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

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

Corrective Action Summary:

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

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

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

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

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

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

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

Event date: 12/06/2000
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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.

Event date: 07/20/2001
Event: CA005EE

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

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

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

Event date: 04/10/2007
Event: CA772PR

Event date: 04/11/2007
Event: CA772PR

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Air Emission Standards - Equipment Leaks
Date violation determined: 03/20/2001
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 10/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

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

Regulation violated: Not reported

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Area of violation: Generators - Pre-transport
Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 04/23/1996
Date achieved compliance: 04/22/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/23/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Date violation determined: 09/30/1994
Date achieved compliance: 03/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/30/1994
Date achieved compliance: 03/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/19/1992
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/29/1991
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/29/1991

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/18/1991
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/03/1990
Date achieved compliance: 04/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/09/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/06/1990
Date achieved compliance: 04/15/1991
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/28/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 9500
Final penalty amount: 9500
Paid penalty amount: Not reported

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/07/1990
Date achieved compliance: 11/06/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 03/07/1990
Date achieved compliance: 11/06/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 03/31/1989
Date achieved compliance: 05/10/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/05/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 09/26/1988
Date achieved compliance: 10/20/1988
Violation lead agency: State

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/12/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 08/26/1988
Date achieved compliance: 11/17/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/11/1987
Date achieved compliance: 01/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/25/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/11/1987
Date achieved compliance: 01/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/23/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/19/1987
Date achieved compliance: 08/25/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Enforcement action date: 04/03/1987
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: 09/19/1986
Date achieved compliance: 10/13/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/07/1984
Date achieved compliance: 12/04/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/30/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

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

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

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

Evaluation date: 03/20/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Area of violation: TSD IS-Air Emission Standards - Tank/SI/Container
Date achieved compliance: Not reported
Evaluation lead agency: EPA

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

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

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

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

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

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

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

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

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 04/18/1991
Evaluation lead agency: State

Evaluation date: 01/29/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 04/18/1991
Evaluation lead agency: State

Evaluation date: 01/18/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 04/18/1991
Evaluation lead agency: State

Evaluation date: 01/18/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 04/18/1991
Evaluation lead agency: State

Evaluation date: 12/03/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/18/1991
Evaluation lead agency: State

Evaluation date: 07/06/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 04/15/1991
Evaluation lead agency: EPA

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

Evaluation date: 03/07/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/06/1990
Evaluation lead agency: State

Evaluation date: 03/07/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/06/1990
Evaluation lead agency: State

Evaluation date: 03/31/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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

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

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

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

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

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

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

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

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

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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

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

Program Priority:
Description: Great Lakes

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

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

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/01/1983
Priority Level: Not reported

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

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

CORRACTS:

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

EPA Region: 05
Area Name: J-LOT
Actual Date: 4/10/2007
Action: CA772PR
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 4/11/2007
Action: CA772PR
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 6/11/1998
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 7/14/1997
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 9/11/1992
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 9/25/1998

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Action:	CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	MID005356902
EPA Region:	05
Area Name:	ENTIRE FACILITY
Actual Date:	9/25/1998
Action:	CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	MID005356902
EPA Region:	05
Area Name:	J-LOT
Actual Date:	10/12/2006
Action:	CA370 - Petition For No Further Action Receipt Date
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	MID005356902
EPA Region:	05
Area Name:	ENTIRE FACILITY
Actual Date:	12/6/2000
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	MID005356902
EPA Region:	05
Area Name:	ENTIRE FACILITY
Actual Date:	12/6/2000
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	MID005356902
EPA Region:	05
Area Name:	ENTIRE FACILITY
Actual Date:	12/19/2002
Action:	CA200 - RFI Approved
NAICS Code(s):	336112 Light Truck and Utility Vehicle Manufacturing

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005356902
EPA Region: 05
Area Name: J-LOT
Actual Date: 12/19/2006
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336112
Light Truck and Utility Vehicle Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

US INST CONTROL:
EPA ID: MID005356902
Site ID: Not reported
Name: GENERAL MOTORS CORPORATION
Action Name: Not reported
Address: 2100 S OPDYKE RD
PONTIAC, MI 48341
EPA Region: 5
County: OAKLAND
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: 04/11/07
Complet. Date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported

FINDS:

Registry ID: 110000404795

Environmental Interest/Information System

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

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

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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.

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

NY MANIFEST:

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

Document ID:	NYB6630093
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NY86424Z

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Trans2 State ID:	Not reported
Generator Ship Date:	941006
Trans1 Recv Date:	941006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941024
Part A Recv Date:	941017
Part B Recv Date:	941102
Generator EPA ID:	MID005356902
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	F001 - UNKNOWN
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

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

Document ID:	NYB7406739
Manifest Status:	Completed copy

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Trans1 State ID:	NY10210P
Trans2 State ID:	Not reported
Generator Ship Date:	960112
Trans1 Recv Date:	960112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960115
Part A Recv Date:	960215
Part B Recv Date:	960131
Generator EPA ID:	MID005356902
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Quantity:	00605
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

GMC TRUCK & COACH DIV PONTIAC EAST (Continued) **1000881766**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	96
Manifest Tracking Num:	Not reported
Import Ind:	Not reported
Export Ind:	Not reported
Discr Quantity Ind:	Not reported
Discr Type Ind:	Not reported
Discr Residue Ind:	Not reported
Discr Partial Reject Ind:	Not reported
Discr Full Reject Ind:	Not reported
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	Not reported

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

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMFIELD HILLS	S103594527	SHELL DRY WELL 1 TELEGRAPH	1415TH TELEGRAPH & GOLF	48302	SHWS
BLOOMFIELD HILLS	S105966539	UAG MICHIGAN H1, LLC	1819 AND 1825 SOUTH TELEGRAPH	48302	BEA
BLOOMFIELD HILLS	1007100714		38505 N WOODWARD	48302	RCRA-NonGen
OAKLAND COUNTY	M300004243	AMERICAN AGGREGATES OF MICHIGAN, I	HIGHLAND PLANT		MINES
PONTIAC	S106676457	MANVILLE MANUFACTURING COMPANY	341 AND 342 ROCKWELL AVE	48341	BEA
PONTIAC	S109171488	SOUTH SAGINAW STREET PARCELS	193 AND 197 SOUTH SAGINAW ST	48342	BEA
PONTIAC	1003871920		871 SOUTH BLVD		CERC-NFRAP
PONTIAC	1003834459	GM TRUCK AND BUS PONTIAC CENTRAL	660 S BLVD E		SHWS
PONTIAC	1011489485	CITY OF PONTIAC	CORNER FRANKLIN & WOODWARD	48342	RCRA-CESQG
PONTIAC	A100319814	120 FRANKLIN STREET	120 FRANKLIN ST	48341	AST
PONTIAC	1000331099		7660 HIGHLAND RD	48341	RCRA-NonGen, FINDS
PONTIAC	1000465135		7585 HIGHLAND RD	48341	RCRA-NonGen, FINDS
PONTIAC	1003871234		3951 JOSLYN RD		CERC-NFRAP, SHWS
PONTIAC	S105144527	KENNETT RD LF	KENNETT RD		SHWS
PONTIAC	S105144543	ASPHALT SPECIALIST INC	1908 WIDE TRACK DR W	48342	DEL SHWS, SHWS
PONTIAC	1010785221	SUN VALLEY PROPERTIES INC	45108 WOODWARD AVE	48341	RCRA-SQG
PONTIAC	U001147975	SPEEDY MUFFLER KING	810 WOODWARD AVE	48341	LUST, UST
PONTIAC	U001147877	WOODWARD OFFICE PLAZA	800 WOODWARD AVE	48341	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 01/25/2010
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 01/25/2010
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: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 01/25/2010
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: 06/30/2009
Date Data Arrived at EDR: 08/11/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 41

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

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

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/15/2010
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: 09/15/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 48

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

US 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: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 09/17/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 53

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
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: 10/28/2009
Date Data Arrived at EDR: 11/03/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/03/2009
Next Scheduled EDR Contact: 02/15/2010
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: 10/06/2009
Date Data Arrived at EDR: 10/08/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 10/05/2009
Next Scheduled EDR Contact: 01/18/2010
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: 09/01/2009
Date Data Arrived at EDR: 09/04/2009
Date Made Active in Reports: 10/05/2009
Number of Days to Update: 31

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 42
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/04/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

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

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/21/2009
Date Data Arrived at EDR: 10/06/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 16
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/20/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 57
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 09/04/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/15/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/22/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 57

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
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: 11/04/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/21/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 57

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/05/2009
Next Scheduled EDR Contact: 01/18/2010
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: 09/21/2009
Date Data Arrived at EDR: 09/21/2009
Date Made Active in Reports: 10/05/2009
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 02/15/2010
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: 09/15/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2009
Date Data Arrived at EDR: 09/11/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 11/04/2009
Next Scheduled EDR Contact: 01/11/2010
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: 09/23/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities
The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
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: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/18/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
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: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
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: 08/12/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 10/27/2009
Next Scheduled EDR Contact: 02/08/2010
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: 10/05/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/05/2009
Next Scheduled EDR Contact: 01/11/2010
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: 09/21/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 10/05/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 08/12/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 96

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
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: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
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: 09/30/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 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: 10/06/2009
Next Scheduled EDR Contact: 01/18/2010
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: 09/01/2009
Date Data Arrived at EDR: 09/22/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/22/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
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: 08/07/2009
Date Data Arrived at EDR: 09/18/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 52

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/01/2009
Next Scheduled EDR Contact: 03/15/2010
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: 10/07/2009
Next Scheduled EDR Contact: 01/11/2010
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: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
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: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
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: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/21/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 56
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/28/2009
Next Scheduled EDR Contact: 01/11/2010
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: 10/21/2009
Next Scheduled EDR Contact: 02/01/2010
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: 07/06/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/21/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/15/2009
Date Data Arrived at EDR: 10/16/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/16/2009
Next Scheduled EDR Contact: 01/25/2010
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: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

BRS: Biennial Reporting System

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

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: 11/20/2009
Next Scheduled EDR Contact: 03/05/2010
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: 09/10/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/05/2009
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 517-241-1515
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/18/2009
Date Data Arrived at EDR: 03/17/2009
Date Made Active in Reports: 04/01/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 10/26/2009
Next Scheduled EDR Contact: 02/08/2010
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: 10/13/2009
Date Data Arrived at EDR: 10/14/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 10/14/2009
Next Scheduled EDR Contact: 01/25/2010
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 Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 10/05/2009
Next Scheduled EDR Contact: 01/11/2010
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: 09/14/2009
Date Data Arrived at EDR: 09/14/2009
Date Made Active in Reports: 10/05/2009
Number of Days to Update: 21

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
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: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
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: 09/09/2009
Date Data Arrived at EDR: 09/09/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2009
Next Scheduled EDR Contact: 02/08/2010
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: 11/13/2009
Next Scheduled EDR Contact: 02/15/2010
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: 10/23/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 10/29/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 12

Source: Department of Environmental Quality
Telephone: 586-753-3754
Last EDR Contact: 10/26/2009
Next Scheduled EDR Contact: 01/25/2010
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.

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: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/20/2009
Next Scheduled EDR Contact: 02/01/2010
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: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
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: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1306-1 PCC VALIDATION
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

TARGET PROPERTY COORDINATES

Latitude (North):	42.62260 - 42° 37' 21.4''
Longitude (West):	83.2855 - 83° 17' 7.8''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312567.2
UTM Y (Meters):	4721224.0
Elevation:	951 ft. above sea level

USGS TOPOGRAPHIC MAP

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

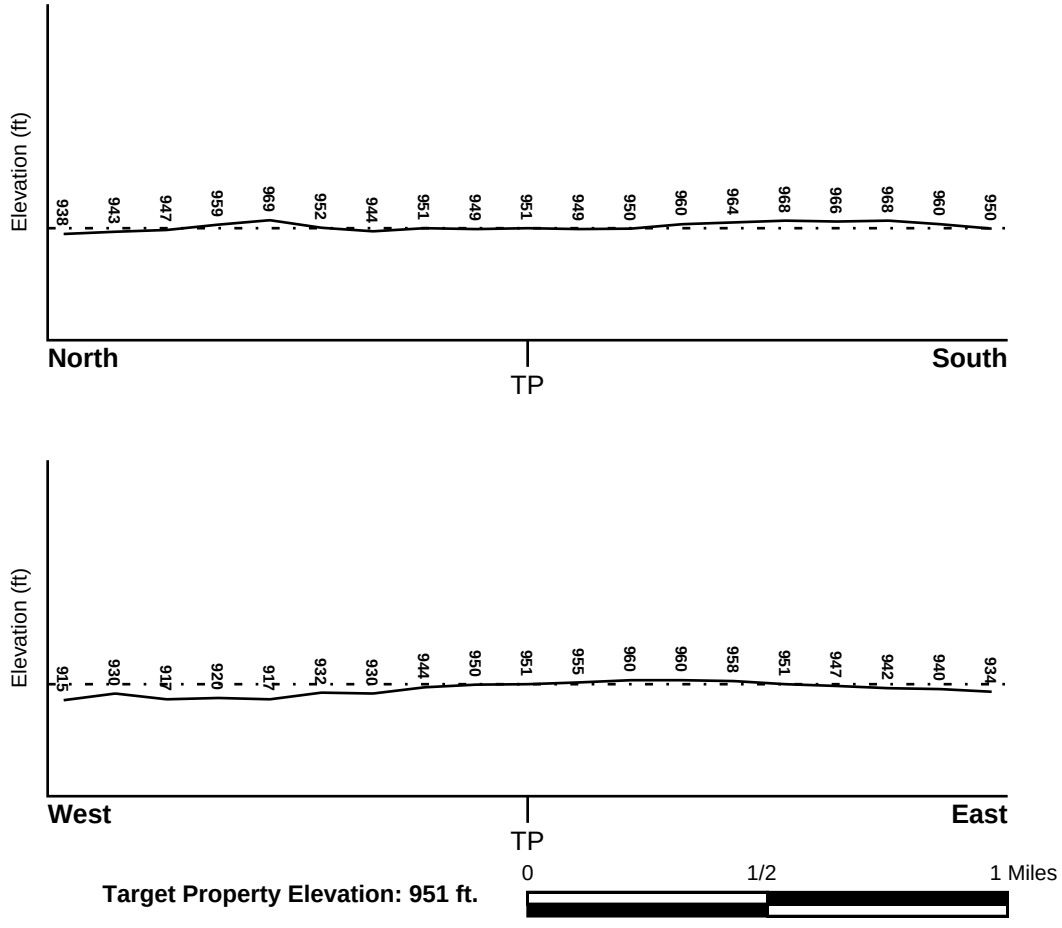
TOPOGRAPHIC INFORMATION

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 West

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: 2601770010B

Additional Panels in search area: 2601690005B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PONTIAC SOUTH	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/4 - 1/2 Mile North	Not Reported

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

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

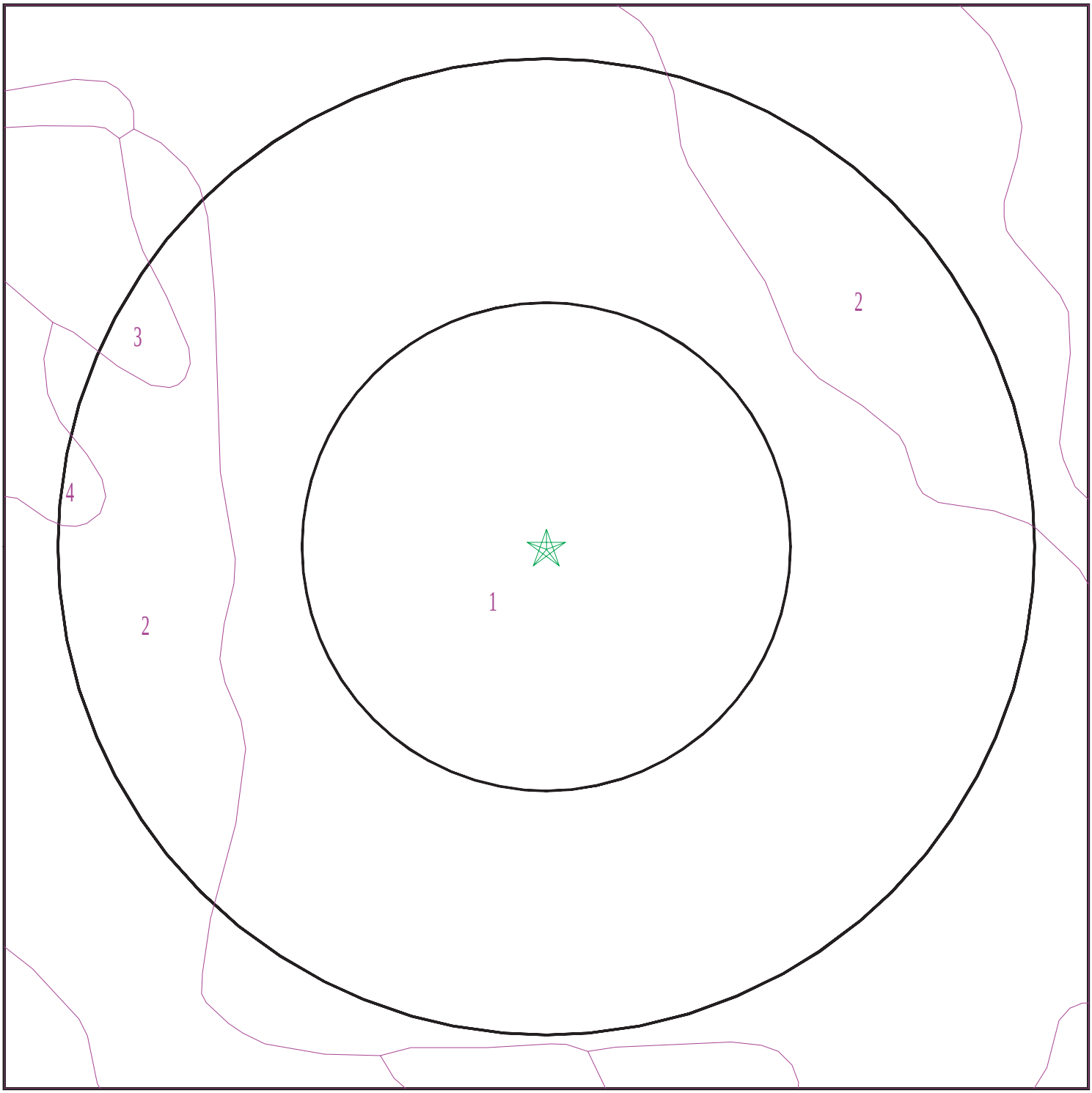
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

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 - 2648698.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1306-1 PCC Validation	CLIENT:	LFR Inc
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Sean Drain
LAT/LONG:	42.6226 / 83.2855	INQUIRY #:	2648698.2s
		DATE:	December 01, 2009 3:21 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: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 130 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:

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: 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	USGS2308730	1/2 - 1 Mile NW
6	USGS2308728	1/2 - 1 Mile NW
8	USGS2308734	1/2 - 1 Mile NNW
B12	USGS2308726	1/2 - 1 Mile WNW
B13	USGS2308727	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

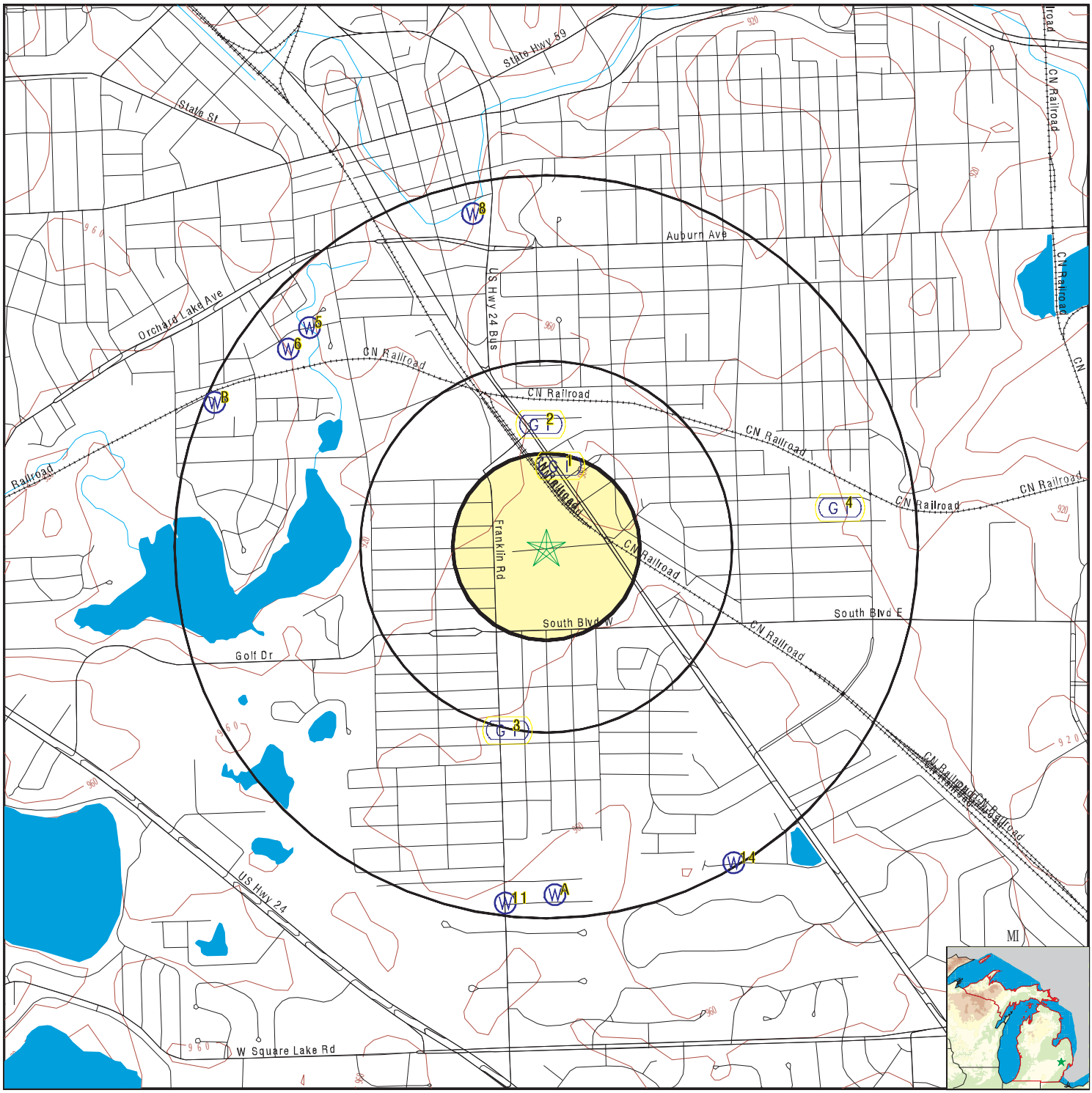
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A7	MI20244876	1/2 - 1 Mile South
A9	MI20244877	1/2 - 1 Mile South
A10	MI20244878	1/2 - 1 Mile South
11	MI20244875	1/2 - 1 Mile South
14	MI20261282	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 2648698.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1306-1 PCC Validation	CLIENT:	LFR Inc
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Sean Drain
		INQUIRY #:	2648698.2s
LAT/LONG:	42.6226 / 83.2855	DATE:	December 01, 2009 3:21 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

2
North
1/4 - 1/2 Mile
Lower

		Database	EDR ID Number
Site ID:	635150	**AQUIFLOW**	**35290**
Groundwater Flow:	Not Reported		
Shallowest Water Table Depth:	6.36		
Deepest Water Table Depth:	10.28		
Average Water Table Depth:	Not Reported		
Date:	11/21/1994		

5
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2308730**

Agency cd:	USGS	Site no:	423752083175302
Site name:	03N 10E 32ABCC 02		
Latitude:	423752	EDR Site id:	USGS2308730
Longitude:	0831753	Dec lat:	42.63114385
Dec lon:	-83.29799118	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	920		
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:	19470101
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:	200	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:	1950-10-19
Water quality data end date:	1950-10-19	Water quality data count:	1
Ground water data begin date:	1948-04-01	Ground water data end date:	1948-04-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1948-04-01	86.00	

6
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2308728**

Agency cd:	USGS	Site no:	423749083175702
Site name:	03N 10E 32BADD 02		
Latitude:	423749	EDR Site id:	USGS2308728
Longitude:	0831757	Dec lat:	42.63031052
Dec lon:	-83.29910229	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	925		
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:	19230101
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:	191	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:	1941-07-03	Water quality data count:	3
Ground water data begin date:	1923-03-01	Ground water data end date:	1923-03-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1923-03-01	40.00	

A7
South
1/2 - 1 Mile
Higher

MI WELLS **MI20244876**

Wellid:	63000003900	Import id:	63028004016
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JUDY HUDALLA		
Well addr:	395 FREMONT		
Well depth:	111		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1584
Const date:	1985-11-02 00:00:00.000	Case type:	Unknown
Case dia:	0		

Case depth:	0		
Screen frm:	107		
Screen to:	111		
Swl:	75		
Test depth:	85		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60960575		
Longitude:	-83.28538983		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	31
Pct aq d:	31	Pct aq r:	0
Pct maq:	14	Pct maq d:	14
Pct maq r:	0	Pct cm:	47
Pct cm d:	47	Pct cm r:	0
Pct pcm:	8	Pct pcm d:	8
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	6	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	36	A pct aq2:	28
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	72	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	55	Pct maq 2:	0
Pct cm 2:	45	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	15	Pct cm 3:	85
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	30	Pct maq 4:	65
Pct cm 4:	5	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	36		
Horiz Conduct:	27.77785		
Vert Conduct:	.00014		
T2:	1000.0026		
D50plek:	62.6361		

8
NNW **FED USGS** **USGS2308734**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	423808083172201
Site name:	03N 10E 29DDDA 01		
Latitude:	423808	EDR Site id:	USGS2308734
Longitude:	0831722	Dec lat:	42.6355883
Dec lon:	-83.28938003	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S29T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	915		
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:	19290101
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:	195	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:	1941-07-03
Water quality data end date:	1952-07-11	Water quality data count:	2
Ground water data begin date:	1929-06-01	Ground water data end date:	1929-06-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1929-06-01	44.00	

A9
South
1/2 - 1 Mile
Higher

MI WELLS **MI20244877**

Wellid:	63000003901	Import id:	63028004017
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES BURNS		
Well addr:	380 FURSE		
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1757
Const date:	1989-10-17 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	45		
Test depth:	85		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.60874285		
Longitude:	-83.28496873		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	20
Pct aq d:	20	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	80
Pct cm d:	80	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	21	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	59	A pct aq2:	36
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	64	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Water Bearing	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	85
Pct maq 5:	0	Pct cm 5:	15
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	59		
Horiz Conduct:	106.77973		
Vert Conduct:	.00016		
T2:	6300.0038		
D50plek:	588.93521		

A10
South
1/2 - 1 Mile
Higher

MI WELLS **MI20244878**

Wellid:	63000003902	Import id:	63028004018
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES L WRIGHT		
Well addr:	370 FURSE		
Well depth:	120		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1977-06-16 00:00:00.000	Case type:	Unknown
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	120		
Screen frm:	115		
Screen to:	120		
Swl:	82		
Test depth:	112		
Test hours:	6		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60874735		
Longitude:	-83.28475103		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	948	Elev dif:	0
Elev miv:	948	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	27
Pct aq d:	27	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	73	Pct pcm d:	73
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	24	A pct aq:	71
A pct maq:	0	A pct pcm:	29
A pct cm:	0	A pct na:	0
A thickns2:	38	A pct aq2:	45
A pct maq2:	0	A pct pcm2:	55
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel & Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	15
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	85	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	38		
Horiz Conduct:	22.37063		
Vert Conduct:	.00258		
T2:	850.084		
D50plek:	56.69478		

11
South
1/2 - 1 Mile
Higher

MI WELLS **MI20244875**

Wellid:	63000003899	Import id:	63028004015
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	PERCY E MC CONNER		
Well addr:	1421 FRANKLIN RD		
Well depth:	126		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1980-04-21 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	124		
Screen frm:	121		
Screen to:	126		
Swl:	79		
Test depth:	105		
Test hours:	0		
Test rate:	28	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.60870865		
Longitude:	-83.28765193		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	951	Elev dif:	3
Elev miv:	948	Aq code:	Not Reported
Aq flag:	Lithology Problem (Drift under Rock)	Pct aq:	0
Pct aq d:	0	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	47	A pct aq:	6
A pct maq:	0	A pct pcm:	26
A pct cm:	0	A pct na:	68
A thickns2:	47	A pct aq2:	6
A pct maq2:	0	A pct pcm2:	26
A pct cm2:	0	A pct na2:	68
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	35
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	65
Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	55	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	100
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	15	Pct na 5:	85
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B12
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308726**

Agency cd:	USGS	Site no:	423741083181101
Site name:	03N 10E 32BDCB 02		
Latitude:	423741	EDR Site id:	USGS2308726
Longitude:	0831811	Dec lat:	42.62808831
Dec lon:	-83.30299119	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	927		
Altitude method:	Reported		
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:	19170101
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:	Not Reported		
Well depth:	236	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:	1929-03-01
Water quality data end date:	1929-03-01	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

B13
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308727**

Agency cd:	USGS	Site no:	423742083181101
Site name:	03N 10E 32BDCB 01		
Latitude:	423742	EDR Site id:	USGS2308727
Longitude:	0831811	Dec lat:	42.62836608
Dec lon:	-83.3029912	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	930		
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:	19310101
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:	239	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:	1941-06-27
Water quality data end date:	1941-06-27	Water quality data count:	1
Ground water data begin date:	1931-01-01	Ground water data end date:	1931-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1931-01-01	63.00	

14
SSE **MI WELLS** **MI20261282**
1/2 - 1 Mile
Higher

Wellid:	63000021959	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	YVONNE JACQUES		
Well addr:	55 W. HIGHLAND DR.		
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1926
Const date:	2002-05-30 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	65		
Test depth:	80		
Test hours:	1		
Test rate:	20	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	42.6102817		
Longitude:	-83.27559769		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	977	Elev dif:	977
Elev miv:	977	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	35
Pct aq d:	35	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	49
Pct cm d:	49	Pct cm r:	0
Pct pcm:	16	Pct pcm d:	16
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	15	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	39	A pct aq2:	54
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	46	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	60
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	15
Pct na 2:	0	Pct aq 3:	70
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	30	Pct na 3:	0
Pct aq 4:	15	Pct maq 4:	0
Pct cm 4:	85	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	75
Pct maq 5:	0	Pct cm 5:	25
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	39		
Horiz Conduct:	53.8462		
Vert Conduct:	.00022		
T2:	2100.0018		
D50plek:	137.07564		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for OAKLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for OAKLAND COUNTY, MI

Number of sites tested: 61

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality
Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of 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 across the Site from the northwest corner.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #2

Description of Photograph:
View across the Site from the southeast corner looking northeast. Note ponded water in foreground.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #3

Description of Photograph:
View of solid waste dumpster with stormwater drain in foreground.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #4

Description of Photograph:
View of trash containers, located south of Building 30, containing liquids.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #5

Description of Photograph:
View of stained pavement adjacent to the west side of Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #6

Description of Photograph:
View of oil staining and absorbent material near a trench drain inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #7

Description of Photograph:
View of ASTs located inside the locked chain link area in Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #8

Description of Photograph:
Close up view of ASTs located inside the locked chain link area in Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #9

Description of Photograph:
View of various containers located in the northeastern corner of the Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #10

Description of Photograph:
View of various containers and drums along the east wall inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #11

Description of Photograph:
View of contents in a drum along the east wall inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #12

Description of Photograph:
View of contents in a drum along the east wall inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #13

Description of Photograph:
View of peeling paint inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009



Photograph #14

Description of Photograph:
View of ACM warning label inside Building 30.

Site Location:
200 South Boulevard West, Pontiac, Michigan

Photograph Taken By:
Stephen P. Zins

Date of Photograph:
December 1, 2009

APPENDIX E

Qualifications of Environmental Professionals

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

LFR an ARCADIS company

STEPHEN P. ZINS, P.G.

Senior Geologist

soil and groundwater assessment and remediation
asbestos management planning
environmental site assessments
project management

Mr. Zins is a geologist with over 14 years of experience in the environmental field. He has managed soil and groundwater investigations including construction, installation, and operation and maintenance of soil and groundwater remediation systems, as well as industrial wastewater treatment operations. His experience also includes asbestos management planning for industrial and commercial facilities throughout Midwest states. In addition, Mr. Zins has conducted Environmental Site and Compliance Assessments for property transfer and due diligence purposes.

EDUCATION

M.S. Environmental Geology, Indiana/Purdue University, 1995

B.S. Geology, Ball State University, 1993

A.S. CADD, Vincennes University, 1988

REPRESENTATIVE EXPERIENCE

- **Project Manager for a remediation program associated with chlorinated solvent impacts at a former waste disposal facility in central Indiana.** The program entails operation, maintenance and monitoring (OM&M) of an interim pump-and-treat system with the primary objective of groundwater plume containment. Groundwater treatment includes a low profile, venturi-type air stripper and chemical dosing for descaling purposes. Currently conducting a Tiered Human Health and Ecological Risk Assessment using ASTM RBCA guidance prior to initiating a feasibility study to identify and evaluate alternative remediation technologies for long-term implementation at the project site. In addition to the above activities, semi-annual groundwater monitoring well and residential well sampling is required as part of the monitoring program.

- **Managed site investigation and risk assessment for a national container plant in Indianapolis, Indiana.** The investigation effort was focused on the identification of chlorinated solvents present in site soil and groundwater caused by the plant operations. Based on the results of the site investigation and risk assessment, developed site-specific soil and groundwater cleanup objectives and identified areas of environmental concern. Conducted groundwater modeling to select the most cost-effective site remediation methods. Entered the project site into the Indiana Department of Environmental Management (IDEM) Voluntary Remediation Program (VRP) to request approval on the proposed site remediation methods.

Successfully negotiated with the agency to obtain approval of a "no further remediation" letter and Certificate of Completion for the site.

- **Co-authored an approved detailed plan for confirmatory soil sampling submitted to the United States Environmental Protection Agency (US EPA) and IDEM for national rubber manufacturing facility in Noblesville, Indiana.** Objective was to excavate and remove from the designated properties (including residential properties) any soil with concentrations exceeding 1 part per million (ppm) of polychlorinated biphenyls (PCBs). Obtained permits from the city, county and state governmental offices. At the conclusion of all excavation activities, a total of approximately 276 tons of soil with PCB concentrations greater than 50 ppm were excavated and disposed at a licensed hazardous waste landfill. A total of approximately 2,698 tons of soil with PCB concentrations less than 50 ppm were excavated and disposed at a Special Waste landfill. Conducted all confirmatory sampling in accordance with the agency approved sampling plan. Certificates of completion from the IDEM and US EPA have been awarded to the site.

- **Served as the operator for a Class B industrial wastewater treatment system for a former landfill containing various chlorinated organic compounds in groundwater in vicinity of a former lagoon and creek.** The groundwater remediation system included the development of a hydraulic barrier through the installation of a groundwater collection trench that diverts contaminated groundwater into a sump, which pumps the contaminated water through a sprayer into the lagoon. The system was approved by the IDEM VRP.

- **Managed UST regulatory services for owner of multiple gasoline service stations throughout Indiana.** Provide litigation support for all technical soil and groundwater investigations. Based on site investigations, have implemented several cost effective remedial techniques for this client including in-situ remediation, pump and treat, free product skimmers, oxygen release compounds (ORCs), and have obtained an approved Corrective Action Plan from the IDEM for each of these sites. Subsequently, have entered each of these sites into the Excess Liability Trust Fund (ELTF), which is a mechanism for reimbursing the client for costs of remediation.

- **Conducted bulk asbestos survey and prepared operations and maintenance plan (ISO 14000) for a national manufacturing facility in Indiana.** Provide oversight for abatement activities, conduct quarterly inspections and prepare Asbestos Awareness training for all maintenance employees.

- **Negotiated, won and managed master service agreement (MSA) to conduct Phase I Environmental Site Assessments (ESAs) and Phase II ESAs of commercial, light industrial and vacant parcels for national restaurant chain.** Assessed numerous sites undergoing acquisition, divestiture or refinancing. Determined environmental compliance and liabilities based on former land uses and on-site evidence.

- **Conducted over 20 Phase I ESAs throughout US for national agricultural chemical manufacturer headquartered in Zionsville, Indiana.** Several of Phase I ESAs were followed up with site investigations of soil and groundwater and UST removal and closures activities.

- **Managed several Phase I and Phase II ESAs for a national wire processing company including industrial facilities in Indiana, Kentucky, Ohio and Kansas.** Performed remediation of chlorinated solvents and lead in groundwater.

- Managed a Phase II Investigation of a national scrap metal storage facility in northern Indiana involving heavy metals in soil and groundwater.

- **Coordinated field activities for EPA RCRA closure certification of subsurface impoundments at an active foundry in Warsaw, Indiana.** Conducted statistical analysis to determine the amount neutralizing agents required to stabilize foundry waste sludge. Conducted all sampling and provided oversight of all activities.

- **Managed groundwater treatment via trench systems, pump and treat and bioremediation of the release of gasoline into soil and groundwater of a residential neighborhood.** A groundwater recovery trench was constructed adjacent to a city street prior to entering a residential neighborhood. Based on previous investigations, the depth and slope of local bedrock was mapped to locate the trench recovery system in the most effective location in order to protect nearby residential wells.

- Installed and operated several dual-phase vacuum extraction (DPVE) systems including off gas and groundwater treatment at gasoline stations throughout Indiana.

- **Managed field activities for the construction, installation and operations/maintenance of groundwater, soil vapor extraction, and air sparge treatment systems.** Based on a limited investigation, was able to determine the groundwater flow and constituents of concern and install the treatment system to intercept and treat constituents prior to offsite migration.

- Performed well slug tests and analyzed results of slug tests and pumping tests to determine the hydraulic properties of tested aquifer for a national pipe company in Florida.

- Performed waste characterization and manifests for impacted soil remediation by excavation, transportation and disposal at State approved landfills.

- Field Geologist for numerous Underground Storage Tank (UST) removals throughout the Indiana including confirmatory soil sample collection and leading to successful UST closure reporting activities.

PROFESSIONAL REGISTRATIONS

Licensed Professional Geologist, Indiana, No. 2054

40-Hour OSHA HAZWOPER Training, 1995

Class B Industrial Wastewater Treatment Operator

Asbestos Management Planner, Indiana and Ohio

Asbestos Building Inspector, Illinois and Kentucky

AFFILIATIONS

Professional Geologists of Indiana
Indiana Industrial Operators Association
National Groundwater Association

PROFESSIONAL HISTORY

LFR Inc., Senior Geologist, 2009
Roux Associates, Inc., Senior Geologist, 2002 to 2009
Dames & Moore/URS Corporation, Staff/Senior Geologist, 1997 to 2002
August Mack Environmental, Environmental Geologist, 1995 to 1997
Donan Engineering, Field/CADD Technician, 1988 to 1990