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PHASE I ENVIRONMENTAL SITE ASSESSMENT

GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
PONTIAC, MICHIGAN

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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates, Inc. (CRA) was retained by Environmental Corporate Remediation (ENCORE), at the direction of GM Legal Counsel, to complete a Phase I ESA of the north parcel of the former GM Pontiac Validation Center (PVC) located at 200 South Boulevard West in Pontiac, Michigan (Site). ENCORE is a subsidiary of General Motors Corporation (GM). In defining a standard of good commercial and customary practice for conducting an ESA of a parcel of property, the goal of the processes established by the ASTM Standard Practice E1527-00 is to identify Recognized Environmental Conditions (RECs). The purpose of the Phase I ESA was to use good commercial and customary practices to identify RECs and determine if these RECs are Potential Areas of Concern (PAOCs) or Potential Areas of Release (PAORs) associated with the Site and to evaluate business environmental risk as defined in ASTM E1527-00 for the Site. This ESA did not include an evaluation of substantive potential compliance issues.

The PVC is located at 200 South Boulevard West in Pontiac, Oakland County, Michigan. The Site consists of the north parcel of the PVC. The Site is comprised of approximately 21 acres of land consisting of paved parking areas, limited landscaped areas, an office building, and a storage building (Building 30). The Site was historically occupied by Plant 1 of the PVC. Plant 1 was purchased from the Rapid Motor Company in 1906 and was razed by GM between 1972 and 1984. Based on the review of available information and discussions with individuals associated with the Site, additional uses of the Site consisted of: residential dwellings, commercial stores, and former Fire Station No. 2.

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 PAOCs at the Site:

1. **Historical Operations – Former Plant 1:** Based on the review of available information, former Plant 1 was initially developed in 1906 by the Rapid Motor Car Company, with subsequent additions to the facility over the years. The Rapid Motor Car Company, and later General Motors Corporation, utilized former Plant 1 for the manufacture and assembly of vehicles. Primary operations conducted at former Plant 1 included metal finishing operations (phosphating, pickling, plating, heat treating, and painting), stamping, grinding, machining, and polishing. Ancillary operations included hazardous and non-hazardous waste accumulation, handling, and storage, as well as the use and storage of raw petroleum products and solvents in both above and belowground storage tanks

and drums. Former Plant 1 was razed in sections, with demolition occurring between 1972 and 1974 for Buildings 1A, 1B, 1C, 1D, and 2; between 1974 and 1980 for Buildings 2B, 6, 10, and 13; and the remainder of the Plant circa 1984. According to individuals associated with the Site, demolition debris from former Plant 1 was utilized as backfill for below grade structures associated with former Plant 1. Additionally, polychlorinated biphenyl (PCB) -containing transformers and/or capacitors may have been utilized at the Site historically. Portions of the former Plant 1 area of the Site were utilized as residential and commercial properties as early as 1909. No information regarding historical use of heating oil underground storage tanks (USTs) or aboveground storage tanks (ASTs), septic systems, or property demolition procedures were available for CRA to review. Potential impacts to Site soil and/or groundwater from the historical operations and subsequent demolition practices could not be determined

2. **Historical Adjacent Properties**: Based on the review of available information, the adjacent properties to the Site were historically operated as filling stations, an electric light plant/power plant, and various manufacturing facilities as early as 1909. These types of operations typically utilize petroleum products and solvents. Additionally, a tunnel was identified on a 1954 Factory Insurance Map between the former Consumers Power Company facility (electric light plant) and former Plant 1, under Rapid Street. No further information regarding the tunnel was available. Potential impacts to the Site from these operations could not be determined.

3. **USTs:** Based on the review of available information, at least 11 historic USTs were present in the vicinity of former Plant 1. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the aforementioned USTs at former Plant 1 was available. Potential impacts to the subsurface as a result of operation of these USTs are unknown.

4. **Bare Soil Area:** Based on the review of the aerial photographs and the 2006 Phase I ESA Site inspection, vegetation in the area north/northwest of Building 30 is sparse. Site personnel indicated that this area was historically part of a thermal soil remediation effort. No additional information regarding the remediation was available to CRA. Potential impacts to the subsurface are unknown.

5. **Bulk Loading/Unloading Areas:** Based on the review of available information, the Site formerly utilized areas for bulk unloading and loading of various materials. These areas include exterior load/unload fill ports and associated concrete pads, as well as former trainwells. Specific information related to the

bulk loading and unloading areas was not available for review. Potential impacts to Site soil and/or groundwater from potential releases could not be determined.

6. **Waste Management Area (WMA) at Plant 1:** A hazardous waste container storage area was historically identified east of Building 12 at Plant 1 in a 1981 Closure Plan. No follow-up information on the closure was provided to CRA for review.

Based on the Phase I ESA, including the Site inspection, information provided by Site personnel, documents reviewed, and the environmental database searches, the following were identified as PAORs at the Site:

1. **Belowgrade Pits, Trenches, Conveyors, and Sumps:** Based on available information, process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. Reportedly, some of these pits may have been closed in place, with no decontamination or subsurface investigation activities noted. In general, pits, sumps, and trenches associated with the former Plant 1 have been backfilled and paved over with an asphalt cover. Potential impacts to Site soil and/or groundwater could not be determined.
2. **ASTs:** Numerous ASTs currently are or historically were located throughout the Site. These ASTs represent a material threat of a release of hazardous substances.
3. **Adjacent AST Farm:** An AST farm is located immediately adjacent to the southeast are of the Site, west of Building 30. The ASTs at the AST Farm are all constructed with double-walled concrete and steel, and were installed in 1995. There have been no documented releases from the ASTs, and according to Site personnel, the ASTs were emptied in April 2008. Based on a review of available information, CRA removed and disposed six ASTs, associated piping, the pump house, concrete footings, berms, and tank saddles from the above referenced AST farm in July 1995. At that time, the eastern portion of the bermed area had a soil base. The tanks that were removed contained engine oil, glycol, steering fluid, waste oil, glycol, oil, and waste glycol. Approximately 860 cubic yards of soil were removed and treated on Site via low temperature thermal desorption. Confirmatory soil samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylene (collectively known as "BTEX"), polynuclear aromatics (PNAs), PCBs, lead, cadmium, and arsenic. Based on the contents of the ASTs, additional volatile organic compound (VOC) analysis may have been warranted.

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 other potential environmental issues were identified at the Site:

1. **Asbestos-Containing Materials (ACM):** Based on the age of the buildings and observations during the Site inspection, ACM may be present at the Site. During any activities that may disturb ACM (i.e., renovation or demolition), ACM must be handled in accordance with all state and federal regulations.
2. **Lead-Based Paint (LBP):** LBP may present at the Site. During any activities that may disturb LBP (i.e., renovation or demolition), LBP must be handled in accordance with all state and federal regulations.

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1.0 INTRODUCTION

1.1 DEFINITIONS

Recognized Environmental Condition (REC) - the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into the soils, groundwater, or surface water of the property. 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 subject to an enforcement action if brought to the attention of appropriate governmental agencies.

Potential Area of Concern (PAOC) - areas with a documented release or likely presence of hazardous substances or petroleum products into the soils, groundwater, or surface water of the property that could pose an unacceptable risk to human health or the environment. The term PAOC 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 subject to an enforcement action if brought to the attention of appropriate governmental agencies.

Potential Area of Release (PAOR) – areas, equipment, or structures that contain hazardous substances or petroleum products under conditions that, if not managed properly, represent a material threat of a release into the soils, groundwater, or surface water of the property. A PAOR is not a PAOC because there is no evidence of a release to the environment, while if there is evidence of a release then the PAOR would be classified as a PAOC that would require decommissioning.

Phase I Environmental Site Assessment (ESA) - Non-intrusive investigation that identifies PAOCs, which may require further investigation in subsequent phases of work.

1.1.2 ACRONYMS

The following acronyms are used in this report in addition to those found in ASTM Standard E1527-00:

ACM	Asbestos Containing Materials
AMSL	Above Mean Sea Level
AST	Aboveground storage tank
BEA	Baseline Environmental Assessment
bgs	Below Ground Surface
BTEX	Benzene, toluene, ethylbenzene, xylenes
CA	Corrective Action
CESQG	Conditionally Exempt Small Quantity Generator
cm/sec	centimeters per second
CRA	Conestoga-Rovers & Associates, Inc.
EDR	Environmental Data Resources, Inc.
ENCORE	Environmental Corporate Remediation
ESA	Environmental Site Assessment
FOIA	Freedom of Information Act
GM	General Motors Corporation
LQG	Large Quantity Generator of Hazardous Waste
MDEQ	Michigan Department of Environmental Quality
MSDS	Material Safety Data Sheets
NWIM	National Wetland Inventory Map
OCHD	Oakland County Health Division
PAC	Pontiac Assembly Center
PAOC	Potential Area of Concern
PAOR	Potential Area of Release
PCBs	polychlorinated biphenyls
PVC	Pontiac Validation Center
pCi/L	picocuries per liter
PFD	Pontiac Fire Department
PNAs	Polynuclear Aromatic Hydrocarbons
RAATS	Resource Conservation and Recovery Administrative Action Tracking System
REC	Recognized Environmental Condition
RFI	RCRA Facility Investigation
ROD	Record of Decision
ROP	Renewable Operating Permit
SCAP	Superfund Consolidated Accomplishments Plan
Site	Subject property on which Phase I ESA is conducted
SQG	Small Quantity Generator of Hazardous Waste
TRIS	Toxic Release Inventory System
U.S. EPA	United States Environmental Protection Agency

USTs	underground storage tanks
VOC	Volatile Organic Compounds
WWTP	Waste Water Treatment Plant

1.2 PURPOSE AND SCOPE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

Conestoga-Rovers & Associates, Inc. (CRA) was retained by Environmental Corporate Remediation (ENCORE), at the direction of GM Legal Counsel, to complete a Phase I ESA of the north parcel of the former GM Pontiac Validation Center (PVC) located at 200 South Boulevard West in Pontiac, Michigan (Site). ENCORE is a subsidiary of General Motors Corporation (GM). In defining a standard of good commercial and customary practice for conducting an ESA of a parcel of property, the goal of the processes established by the ASTM Standard Practice E1527-00 is to identify RECs. The purpose of the Phase I ESA was to use good commercial and customary practices to identify RECs and determine if these RECs are PAOCs or PAORs associated with the Site and to evaluate business environmental risk as defined in ASTM E1527-00 for the Site. This ESA did not include an evaluation of substantive potential compliance issues. The Site consists of the north parcel of the PVC. The Site location is presented on Figure 1.1. The current Site plan is presented on Figure 1.2.

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-00, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practices" for conducting environmental assessments. The assessment included an environmental database search, historical records review, a Site inspection, discussions with individuals associated with the Site, and a review of available Site records. No exceptions to the ASTM-00 Standard were taken in preparation of this Phase I ESA, except that the exterior ground surfaces were covered in snow, which prevented inspection of the surface. Furthermore, areas within Building 30 were dark during the Site inspection, and as a result equipment stored in the building could not always be fully inspected. This Phase I ESA was prepared by Mr. Terry Gayman and reviewed by Mr. Brian Boevers. Copies of curriculum vitae outlining their qualifications are presented in Appendix A. The following tasks were conducted during the assessment:

- review of Federal and State environmental databases and historical records where available;
- review of aerial photographs of the Site;

- review of past and current property use and adjacent property occupancy;
- inspection of the facilities, equipment, utility services, operations, and associated Site records;
- observations of Site conditions;
- review of chemical use and storage and spill/release incidents;
- review of waste handling, accumulation, storage, and disposal practices;
- review of air emissions, and stormwater and wastewater discharges;
- review of equipment that may potentially contain polychlorinated biphenyls (PCBs);
- interviews with individuals associated with the Site;
- observation of potential asbestos-containing materials (ACM);
- review of aboveground and underground storage tank records where available;
- review of the results of prior inspections and remedial activities conducted at the Site; and
- review of previously prepared environmental reports for the Site.

This report summarizes the information gathered by CRA during the Phase I ESA and identified PAOCs and PAORs associated with the Site. This Phase I ESA is the sole property of GM/ENCORE and has been prepared for use by GM/ENCORE.

1.3 SITE DESCRIPTION

The PVC is located at 200 South Boulevard West in Pontiac, Oakland County, Michigan. The Site consists of the north parcel of the PVC as depicted on Figure 1.2. Historical addresses associated with the PVC have included 275 Franklin Street, 45399 Woodward Avenue, and 600 and 660 South Saginaw Street. The Site is comprised of approximately 21 acres of land consisting of paved parking areas, limited landscaped areas, an office building, and a storage building (Building 30). Subsequent to the razing of Plant 1, the paved portion of the Site was utilized as Corporate Vehicle Operations (CVO) parking. The Site was historically occupied by Plant 1 of the PVC. Plant 1 was purchased from the Rapid Motor Company in 1906 and was razed by GM between 1972 and 1984. Based on the review of available information, historical operations conducted at former Plant 1 included metal finishing operations (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 potential transformer substations were identified within the former Plant 1

area, along with a tunnel leading from a former adjacent Consumers Power Company facility. Reportedly, former Plant 1 building slabs and foundations remain beneath the existing paved parking areas.

Building 30 is located in the southeast corner of the Site and was constructed between 1964 and 1968. Building 30 is a long, rectangular one-story structure with high bay ceilings. Formerly, a railroad line entered at the northern end of the building. While previous uses are unknown, Building 30 was used most recently for railcar loading/unloading operations, and temporary parts and demolition equipment storage. At the time of the Site inspection, Building 30 was utilized for the storage of miscellaneous wastes and contained areas formerly used for equipment and vehicle washing.

The office building is located in the northeast corner of the Site and is constructed of brick walls, dry wall, drop ceilings, and vinyl floor tile. The office has recently been used for administrative purposes by a demolition subcontractor while completing demolition activities throughout the south parcel of the PVC, immediately south of the Site.

1.4 ENVIRONMENTAL SETTING

Based on observations made during the Site inspection, the Site is located in an area of mixed industrial, commercial, and residential land use. The Site is bordered:

- to the west by Franklin Street and beyond by residential dwellings;
- to the north by Rapid Street and beyond by Planet Rock (rock climbing gymnasium);
- to the east by a rail spur and beyond by mixed commercial buildings (e.g., a church, credit loan offices, a mechanical contractor, an automobile sales facility, etc.); and
- to the south by the remainder of the PVC.

The locations of the adjacent properties are presented on Figure 1.3.

1.4.1 TOPOGRAPHY

Based on historical topographic maps reviewed by CRA, the lower (northern) portion of the Site is generally located at an elevation of approximately 930 feet above mean sea

level (AMSL) and the higher (southern) portion of the Site is located at an elevation of approximately 950 feet AMSL. Based on observations made during the Site inspection, the Site appears to be at a lower elevation than surrounding property to the east and south.

1.4.2 SITE GEOLOGY

The geologic (stratigraphic) framework for the Site was defined from a review of stratigraphic and instrumentation logs from historical and recent investigative activities, including the CRA Phase II ESA completed in 2008. The results of the Phase II ESA are pending (see Section 2.4). Based on a review of geologic cross-sections completed for the Phase II ESA, the main layers that underlie the Site are: a thin and discontinuous surficial sand and gravel fill layer, and underlying regionally significant layer of clay/silt glacial deposits, and bedrock.

The sand and gravel fill layer is geologically insignificant and consists of fine- to medium-grained sand and medium- to coarse-grained sand and gravel deposits. Glacial clay and silt deposits were encountered below the surficial fill. These deposits varied from clay, silty clay, sandy clay, or sand and clay. Stratigraphically isolated and discontinuous sand layers were encountered within this clay/silt glacial deposit. The sand layers occur at various depths and range in thickness from 0.25 feet to a maximum thickness of 20 feet.

The deep stratigraphy sequence at the Site was not investigated during the Phase II ESA. However, regional stratigraphic data indicated that the clay/silt glacial deposits and other fine-grained materials of glacial origin extend to the bedrock at depths of approximately 650 feet AMSL. According to regional information of Oakland County, a layer of buried outwash exists between the clay/silt glacial deposits and the bedrock (Ferris, Burt, Stramel, and Crosthwaite, 2003). Bedrock beneath the Site consists of Early Mississippian Coldwater Shale Formation, a gray to blue-gray shale.

1.4.3 HYDROGEOLOGY

As previously discussed, the majority of the overburden beneath the Site consists of fine-grained material of the clay/silt glacial deposits and subordinate layers of sand. The hydrogeologic behavior of the overburden would therefore be controlled by the

hydraulic (i.e., permeability or hydraulic conductivity) properties of the clay/silt material.

During the 2008 Phase II ESA, one soil sample of the clay/silt deposit was collected from the Site using a Shelby tube sampler for geotechnical analysis. The sample was collected from 15-20 feet below ground surface (bgs) and underwent hydraulic triaxial testing to determine its hydraulic conductivity. The vertical hydraulic conductivity of the soil calculated by the Flexible Wall Permeameter (Constant Head Method ASTM D-5084) was 1.5×10^{-8} centimeter per second (cm/sec), and is typical for this type of glacial environment. Horizontal hydraulic conductivity values for the soil would be approximately one order of magnitude less (Freeze and Cherry, 1979) or on the order of 1×10^{-7} cm/sec. Although not measured, the hydraulic conductivity of the sand layers would be 1×10^{-3} cm/sec based on the textural nature of these layers (Freeze and Cherry, 1979).

Groundwater contours were generated during Phase II ESA using only the groundwater elevations representative of the monitoring wells with screens at elevations higher than 935 feet AMSL. Based on a review of the Phase II ESA groundwater contours, groundwater flow at the Site is generally to the north-northwest.

1.4.4 SURFACE WATER BODIES

No surface water bodies are present at the Site. The closest surface water bodies to the Site are the Clinton River and Crystal Lake, which are located approximately 2,100 feet to the west of the Site. These surface water bodies are part of the Clinton River Watershed, which ultimately migrates east over a minimum distance of 26 miles towards the St. Clair River and becomes part of the Great Lakes water system.

1.4.5 ENVIRONMENTALLY SENSITIVE AREAS

CRA obtained and reviewed the National Wetlands Inventory Map (NWIM) for Pontiac North and South, Michigan. No wetlands were mapped for the Site. A copy of the NWIM is presented in Appendix B.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with environmentally sensitive areas.

1.4.6 ZONING OF SITE AND AREA

Based on the review of the City of Pontiac zoning map, the Site is zoned as M-2 (Heavy Manufacturing). The surrounding areas are zoned as M-1 (Light Manufacturing), M-2 (Heavy Manufacturing), R-1 (One Family Dwelling), and C-3 (Fringe CBD and Thoroughfare Frontage Business). A copy of a portion of the City of Pontiac zoning map is presented in Appendix C.

1.5 SITE HISTORY

GM began operation of the Site in 1906 after they purchased the northern half of the PVC from the Rapid Motor Car Company. The acquired area was developed by GM into Plant 1. Based on the review of available information, historical operations conducted at former Plant 1 included metal finishing operations (plating, phosphating, heat treating, pickling, and painting), stamping, machining, grinding, polishing, solvent and oil storage, and several other manufacturing processes. Additionally, several USTs and potential 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 paved parking areas.

Based on the review of available information, additional uses of the Site consisted of residential dwellings, commercial stores, and Fire Station No. 2.

Based on the review of available documentation and discussions with individuals associated with the Site, the historical operations at former Plant 1 are PAOC No. 1.

1.5.1 PAST OWNER HISTORICAL USE

Based on the review of available information and discussions with individuals associated with the Site, prior to ownership by GM, the Site consisted of: residential dwellings and commercial stores; Fire Station No. 2; and the Rapid Motor Car Company, whose operations were identified as woodworking, heat treating, and motor testing.

1.5.2 CURRENT OWNER HISTORICAL USE

Based on the review of available information, historical operations conducted at former Plant 1 by GM included metal finishing operations (plating, phosphating, heat treating, pickling, and painting), stamping, machining, grinding, polishing, solvent and oil storage, and several other manufacturing operations. 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. Plant 1 was razed by GM between 1972 and 1984. Former Plant 1 building slabs and foundations reportedly remain beneath the existing paved parking areas. Subsequent to the razing of Plant 1, the paved portion of the Site was utilized as Corporate Vehicle Operations parking.

1.5.3 CURRENT USE

Operations at the PVC ceased in August 2005. The Site is currently unused, with the exception of administrative activities conducted by a demolition subcontractor and demolition equipment storage. According to Site personnel, since the cessation of operations at the PVC in 2005 the remaining structures on the south parcel, south of the Site, have been demolished. Demolition activities commenced in 2007 and were completed in 2008. During this period, the Site was utilized for storage of equipment and miscellaneous materials (e.g., used oil) on the parking lot area and in Building 30.

1.5.4 CURRENT AND HISTORICAL USE OF ADJACENT PROPERTIES

Current use of adjacent surrounding properties is as noted in Section 1.4.6. Historical use of the adjacent properties was unknown prior to development as residential, commercial, and industrial properties; however, it is assumed that these properties were vacant or cultivated land.

Adjacent properties to the east of the Site currently include railroad tracks and various residential and commercial properties (e.g., automobile sales, creditors, a church, a convenience store, etc.). Historic adjacent property use to the east is consistent with current use (i.e., mixed commercial/residential) and included a filling station.

Adjacent properties to the north of the Site currently include Rapid Street with Planet Rock gymnasium with several Azko Nobel facilities located beyond. Azko Nobel facilities were listed in the Resource Conservation and Recovery Act (RCRA) Large Quantity Generator (LQG) database. Historically, a powerhouse (also known as Pontiac Power Company Electric Light Plant, Detroit Edison Company Electric Light Plant, and Consumers Power Company) existed in the location of the current Planet Rock building. Residential and commercial properties (stores, etc.), were also historically located to the north of the Site.

Adjacent properties to the west of the Site currently include Franklin Street with residential and commercial properties located beyond. Historically, residential and commercial properties were located to the west of the Site.

The adjacent property to the south of the Site currently consists of the remainder of the PVC (i.e., the south parcel). West Wilson Avenue, was formerly located directly adjacent to the southeastern portion of the Site. The south parcel of the PVC historically consisted of various commercial and residential properties as well as former GM Plants 3, 4, and 5. Additional past occupants of the south parcel of the PVC included: Flander's Electrical Company Incorporated, Pontiac Drop Forge Company, and the Wilson Foundry and Machine Company, Detroit Weather Proof Body Company, and GM Truck and Coach, Division of Yellow Truck and Coach Manufacturing Company.

1.6 REPORT ORGANIZATION

The remainder of this Phase I ESA is organized as follows:

Section 2.0 – Environmental Database Search and Historical Records Review - presents the results of the environmental database searches, public records reviewed, Sanborn Fire Insurance map review, aerial photograph review, city directory review, topographic map review, and Site files reviewed.

Section 3.0 – Site Reconnaissance - presents the results of the Site inspection by issues (i.e., ASTs, USTs, raw material usage, etc.).

Section 4.0 – Summary of Recognized Environmental Conditions - presents a summary of the PAOCs and PAORs identified at the Site.

Section 5.0 – Conclusions - presents the conclusions reached in the Phase I ESA based on the PAOCs and PAORs identified in Section 4.0.

Section 6.0 – Certification - presents certification that this Phase I ESA has been completed according to good commercial and customary practices and in general accordance with ASTM Standard E1527-00.

Section 7.0 – References - presents the sources of information used in the development of this Phase I ESA.

2.0 ENVIRONMENTAL DATABASES SEARCH AND HISTORICAL RECORDS SEARCH

2.1 ENVIRONMENTAL DATABASES SEARCH

CRA contracted Environmental Data Resources, Inc. (EDR) to conduct a search of federal and state environmental databases. Based on the address of the Site, the database searches were completed to assist in the identification of conditions at the Site and within a radius distance specified in ASTM Standard E1527-00 as follows:

Database	*Search Radius*
National Priority List (NPL) - The NPL is a United States Environmental Protection Agency (USEPA) listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL Sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between the USEPA and potentially responsible parties, any liens filed against contaminated properties, as well as the past and current USEPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).	1 mile
Delisted NPL Database – 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.	1 mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – The CERCLIS List contains data on potentially hazardous waste sites that may have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites which are either proposed to or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.	0.5 mile
CERCLIS No Further Remedial Action Planned (CERCLIS-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 NPL,	0.5 mile

Database	*Search Radius*
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.	
Corrective Action Report (CORRACTS) – The CORRACTS Database identifies hazardous waste handlers with RCRA corrective action activity.	1 mile
Resource Conservation and Recovery Act Information (RCRA) Treatment, Storage or Disposal Facility (TSDF) - The RCRA-TSDF Database contains information regarding those facilities that treat, store, or dispose of USEPA-regulated hazardous waste. The following information also is included in the RCRA-TSDF Report: information regarding the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS); inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.	0.5 mile
RCRA Large Quantity Generator (RCRA-LQG) - The RCRA-LQG Database contains information regarding facilities that either generate more than 1,000 kilograms (kg) of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-LQG Database: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.	Site/Adjacent Property
RCRA Small Quantity Generator (RCRA-SQG) - The RCRA-SQG Database contains information regarding facilities that either generate between 100 kg and 1,000 kg of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-SQG Database: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken	Site/Adjacent Property

Database	*Search Radius*
by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.	
RCRA - Conditionally Exempt Small Quantity Generators (RCRA-CESQG) - RCRAInfo is EPA's comprehensive information system, providing access to data supporting the 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 RCRA. CESQGs generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.	Site/Adjacent Property
Emergency Response Notification System (ERNS) – ERNS records and stores information on reported releases of oil and hazardous substances	Site only
Toxic Chemical Release Inventory System (TRIS) - The TRIS Database identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.	Site only
US Engineering Controls – The US Engineering Controls Database is 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 affect human health.	0.5 mile
US 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.	0.5 mile
US Brownfields List – 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	0.5 mile

Database	*Search Radius*
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.	
Superfund (CERCLA) Consent Decrees (Consent) – 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.	1 mile
Records of Decision (ROD) - ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.	1 mile
Department of Defense (DOD) - 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.	1 mile
CERCLA Lien Information (LIENS 2) - 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.	Site only
State Hazardous Wastes Sites (SHWS) – State hazardous waste site records are the states' equivalent to CERCLIS. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by the potentially responsible parties.	1 mile
Solid Waste Facilities (SWF) Landfill (LF) Sites - The SWF/LF Database contains 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.	0.5 mile
Underground Storage Tank (UST) Facility List - USTs are regulated	Site/Adjacent

Database	*Search Radius*
under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program.	Property
Leaking Underground Storage Tank (LUST) - The LUST Database contains an inventory of reported leaking underground storage tank incidents.	0.5 mile
Baseline Environmental Assessment (BEA) – The BEA Database is provided by the Department of Environmental Quality.	0.5 mile
Lien List (Liens) - 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.	Site only
Engineering and Institutional Controls (AUL) – A listing of sites with institutional and/or engineering controls in place.	0.5 mile
Drycleaners – A listing of drycleaning facilities in Michigan	0.25 mile
Brownfields – All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. It should be noted that this is not a list of all of the potential brownfield sites in Michigan.	0.5 mile
Indian Reservations – The Indian Reservations Database identifies Indian administered lands of the United States that have any area equal to or greater than 640 acres.	1 mile
Indian UST - The Indian UST Database identifies USTs on Indian land.	Site/Adjacent Property
Indian LUST - The Indian LUST Database identifies LUSTs on Indian land.	0.5 mile

A copy of the database search is included as Appendix D. The following is a summary of the databases searched with the findings as noted.

2.1.1 DATABASE LISTINGS FOR THE SITE

The Site address (PVC address) was listed in the following aforementioned databases searched with the status as noted.

Property Address	*Listed Entity*	*Listing/Status*
200 South Boulevard West	General Motors Co. North American	RCRA-SQG (Violations) RCRA-TSDF CORRACTS
	Not Reported	ERNS

In addition to the above, the Site address was listed in the FINDS, AIRS, AST, and NPDES Databases.

Please refer to Section 4.0 for further details.

2.1.2 DATABASE LISTINGS FOR ADJACENT PROPERTIES

The following adjacent properties were listed in the aforementioned databases searched with the status as noted:

Property Address	*Listed Entity*	*Listing/LTANKS Status*
45751 Woodward Avenue	Woodward Motor Mall Inc.	RCRA-CESQG (No violations)

No PAOCs or PAORs were identified associated with the database listing for adjacent properties. It should be noted that database listings for the adjacent property south of the Site (the remainder of the PVC) are provided under the Site listings in Section 2.1.1.

2.1.3 ADDITIONAL AREA PROPERTIES

The following additional properties within the ASTM-designated radii of the Site were listed in the aforementioned databases searched with the status as noted.

Property Address	*Listed Entity*	*Listing/Status*
120 Franklin Road (0 – 1/8 mile NNW)	Akzo Nobel Coatings Inc.	RCRA-LQG (Violations) SHWS
37 Turk Street (0 – 1/8 mile NNE)	R.A. Miller Holding, LLC	BEA
37 Turk Street (0 – 1/8 mile NNE)	Anderson Companies Warehouse	LUST (Open)
45700 Woodward Avenue (0 – 1/8 mile E)	Flo-Co Pontiac Property	BEA
45054 Woodward Road (1/8 – 1/4 mile SE)	Pontiac Fuel Inc.	LUST (Open)
348 South Boulevard W (1/4 – 1/2 mile SSW)	Pontiac Station #2 Pontiac Fire	LUST (Open)
44696 Woodward (1/4 – 1/2 mile SE)	Pontiac Medical Associates Mercury Spill	CERCLIS-NFRAP
55 Wessen Street (1/4 – 1/2 mile NW)	Pontiac Manufactured Gas Plant	SHWS
55 Wesson Street (1/4 – 1/2 mile NW)	Department of Public Works	LUST (Open)
369 Raeburn Street (1/4 – 1/2 mile ENE)	Boron Oil – Pont Bulk #782	LUST (Open)
31 East Judson Street (1/4 – 1/2 mile NNW)	GM Truck & Bus East	LUST (Closed)
147 South Saginaw (1/4 – 1/2 mile NNW)	Vacant Lot	LUST (Closed)
245 South Boulevard (1/4 – 1/2 mile SE)	Heat Treat Services, Inc.	BEA
350-400 South Boulevard (1/4 – 1/2 mile ESE)	Stor-Mor Property	BEA
391 East Wilson Avenue (1/4 – 1/2 mile ENE)	Parts Packaging	BEA
150-160 Branch (1/2 – 1 mile WNW)	American Forge and Socket	SHWS

No PAOCs or PAORs were identified with respect to the above-mentioned properties.

2.1.4 UNMAPPED PROPERTIES

In addition to the above, the database search identified a number of properties that could not be mapped by EDR based on the address information within the database system, also referred to as "orphan" sites in the database search results. A listing of the unmapped properties is included in Appendix D.

CRA reviewed the list of unmapped properties and confirmed that none of the listed properties are located adjacent to or in close proximity to the Site based on the available information, with the exception of an additional listing for Azko Nobel Coatings (AST database).

2.2 PUBLIC RECORD REVIEW RESULTS

Public records reviewed during this Phase I ESA include those presented in Section 2.1, which were reviewed during the environmental database search; the City of Pontiac zoning map, as presented in Section 1.4.6; Sanborn maps, as presented in Section 2.3.1; historical aerial photographs as presented in Section 2.3.3; topographic maps, as presented in Section 2.3.4; city directories, as presented in Section 2.3.5; and the NWIM, as presented in Section 1.4.5. Additionally, local representatives were contacted as presented in the subsections below.

2.2.1 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

The U.S. EPA was not contacted during this Phase I ESA. No information reviewed in the environmental database search, historical records review, or during the on-Site records review warranted contacting the U.S. EPA for additional information regarding the Site. In 2006 CRA reviewed information relative to the PVC (which included the Site) as part of a Phase I ESA. Information obtained from the 2006 file review is summarized throughout the report.

2.2.2 STATE AGENCY

The MDEQ was contacted on January 13, 2009 to complete a file review for the Site under the Freedom of Information Act (FOIA). Responses have been received from the MDEQ Land and Water Management Division, Air Quality Division, and Water Bureau. The MDEQ divisions have indicated that no information is available for the Site, with the exception of a Site plan from the Water Bureau. To date the Site plan has not been received. Information provided by the MDEQ in the future will be provided in an addendum if it modifies the conclusions of the report

2.2.3 LOCAL MUNICIPALITY

The City of Pontiac zoning map was reviewed (see Section 1.4.6 and Appendix C). Historical aerial photographs were also obtained and reviewed from EDR and the Oakland County Planning Commission office (see Section 2.3.3). CRA contacted the Pontiac Fire Department (PFD) on January 13, 2009 and the Oakland County Health Division (OCHD) on January 26, 2009 to complete file reviews for the Site under the FOIA. A response from the OCHD was received on February 9, 2009 indicating no information was available for the Site. The PFD also responded on February 9, 2009 and stated that 100 pages of information exist for the Site. These documents have not been received to date.

2.3 HISTORICAL RECORDS REVIEW

2.3.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps (Sanborn Map) assist in the identification of historic land use and commonly indicate the existence and location of ASTs, USTs, structures, improvements and facility operations. Sanborn Maps for the years 1909, 1915, 1919, 1924, 1950, and 1970 were available for the Site and surrounding properties. Copies of Sanborn Maps are presented in Appendix E.

As indicated on the Sanborn Maps, the Site is bordered to the north by Rapid Street; to the east by South Saginaw Street; to the south by the south parcel of the PVC; and to the west by Franklin Road. West Wilson Avenue (formerly West Foot Avenue), which is orientated east to west along the north boundary of the south parcel of the PVC is adjacent to the southeastern portion of the Site.

On the 1909 Sanborn Map, the northern area of the Site is identified as being occupied by the Rapid Motor Vehicle Company (RMVC), who manufactured commercial power wagons. Specific operations at RMVC are identified as woodworking, heat treating, and motor testing. The Grand Trunk Railroad (GTRR) has two rail spurs that run along the eastern property boundary. To the east of the Site, beyond the GTRR and before South Saginaw Street, the properties consist of residential dwellings. A powerhouse is present to the north of the Site, consisting of boilers, an engine room, and coal storage. Residential dwellings, a cobbler, a grocery, and a confectionery (candy store) are also present to the northeast. Sanborn Maps were not available for the southern area of the Site or the remaining areas adjacent to the Site in 1909.

On the 1915 Sanborn Maps, the northern area of the Site consists of the General Motors Truck Company (GM Truck), who were identified as manufacturers of gasoline and electric trucks. The GM Truck facility consisted of machine shops, storage areas, and paint shops. The properties east of the Site are depicted as unchanged from the 1909 Sanborn Maps. The southeastern area of the Site consists of residential dwellings and a grocery store. South of the Site is West Wilson Avenue (formerly West Foot Avenue) and beyond is the south parcel of PVC, which is occupied by residential dwellings and commercial/industrial properties including Flander's Electrical Company Incorporated (Flander's), Pontiac Drop Forge Company (PDFC), and the Wilson Foundry and Machine Company (Wilson Foundry). The Sanborn Maps 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 consist of residential and commercial properties, as well as the Pontiac Power Company - Electric Light Plant. The Monroe Body Company (MBC) is present to the northeast of the Site, across South Saginaw Street. Additionally, the Pontiac Lumber Yard, Chas T. Sterns Bending Works, Pontiac Vinegar Company, and Pontiac Bending, and a cattle slaughterhouse are present north of the Site. Southeast of the Site beyond South Saginaw Street are Northway Motors and Manufacturing Company (Northway), and M.D. Hubbard Spring Company (Hubbard). Sanborn Maps were not available for the southwest portion of the Site or areas adjacent to the western side of the Site.

On the 1919 Sanborn Maps, the northern area of the Site consists of buildings associated with the GM Truck Company Division and one residential dwelling. The GM Truck Company Division buildings were expanded to include a Test House between 1915 and 1919. A 12,000-gallon gasoline tank is present in the central portion of the Site buildings. Fire Department Station No. 2 and residential dwellings are present in the southeast corner 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 including Wilson Foundry; PDFC; and Detroit Weather Proof Body Company (DWPBC). The Wilson Foundry has expanded compared to what is visibly evident on the 1915 Sanborn Map. To the northwest of the PDFC property there is a 5,000-gallon fuel oil tank, and to the southeast there are four 9,500-gallon fuel oil tanks. The properties to the north of the Site appear to remain essentially unchanged from the 1915 Sanborn Maps, except the Pontiac Power Company-Electric Light Plant became known as the Detroit Edison Company Electric Light Plant. The properties to the northeast appear to remain essentially unchanged from the 1915 Sanborn Maps. The properties to the southeast beyond South Saginaw Street appear to remain essentially unchanged from the 1915 Sanborn Maps, except the Northway property became known as Wilson Foundry. The MBC, Oakland Motor Car Company Plant No. 3, Pontiac Lumber Yard, Markley Commercial Body Company, Chas T. Sterns Handle Factory, Pontiac Vinegar Company, and Pontiac Bending, and Pontiac Packing Company are present north of the Site. Sanborn Maps were not available for the southwest portion of the Site or areas adjacent to the western side of the Site.

On the 1924 Sanborn Maps, the northern area of the Site consists of GM Truck Company Division (Plant 1). The Wilson Foundry dormitories, residential dwellings, Fire Department Station No. 2, four oil tanks, and one buried tank are located on the southeastern portion of the Site. A gasoline tank is located on-Site southwest of Fire Department Station No. 2. 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. Numerous railroad sidings are present on the eastern part of the Site and the main GTRR line is directly adjacent to the east of the Site. The Site is bordered to the south by West Wilson Avenue, and beyond by the south parcel of the PVC, which is occupied by commercial areas including a bank, St. John's Church, and a hospital. The south parcel of the PVC is also occupied by industrial properties depicted in previous Sanborn Maps. Differences from previous Sanborn Maps pertaining to the industrial properties on the south parcel of the PVC include: four new gas tanks were installed (with the potential for three other gas tanks; this could not be verified due to the quality of the Sanborn), seven cupolas were installed at Wilson Foundry, and two 12,000-gallon fuel oil USTs were installed in a concrete vault at the west side of the Wilson Foundry machine shop. The PDFC was identified as the Michigan Drop Forge Company (MDFC) and oil tanks and an additional potential UST are present in this area. 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.

Beyond the GTRR to the east of the Site are what appear to be primarily residential properties. The properties to the west are entirely residential.

On the 1950 Sanborn Maps, the Site consists of expansions to Plant 1 of GM Truck and Coach, Division of Yellow Truck and Coach Manufacturing Company, including the construction of Buildings 13, 18, and 24 and a parking lot area built where the Wilson Foundry dormitories had been. West Wilson Avenue is south of the Site and beyond are the Wilson Foundry, GM Truck and Coach, Division of Yellow Truck and Coach Manufacturing Company, Plants 3 and 4. Plant 3 occupies the southern half (south railroad tracks) of the Wilson Foundry, and Plant 4 occupies the entire east side of the south parcel of the PVC. Three crude oil tanks are identified to be present under a platform, at the western end of the northern railroad spur for the Wilson Foundry building. Major renovations to buildings occurred and previously observed gas tanks and fuel oil tanks are no longer visible on the Sanborn Maps. Two additional (four total) 12,000-gallon fuel oil USTs were installed adjacent to the two existing tanks at the northwest corner of Plant 3. There is a powerhouse west of Plant 3. The properties to the north of the Site consist of the Consumer Power Company Substation and commercial businesses. The properties to the northeast of the Site 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 by residential dwellings. The properties to the west consist of an increase in density of residential dwellings compared to the 1924 Sanborn Maps, and new commercial properties.

On the 1970 Sanborn Maps, Building 30 has been constructed along the southeastern boundary of the Site, southeast of Plant 1. The south parcel of the PVC consists of industrial property entirely owned by GM. The properties to the north of the Site appear to remain essentially unchanged from the 1950 Sanborn Map, but now include a filling station. The properties to the northeast of the Site appear to remain essentially unchanged from the 1950 Sanborn Map. The properties to the east of the Site beyond the GTRR consist of residential dwellings and commercial properties and a filling station. The properties to the west of the Site appear to remain essentially unchanged from the 1950 Sanborn Map.

Based on the review of the Sanborn maps, the historical operations at former Plant 1 are PAOC No. 1, the historical operations of surrounding properties are PAOC No. 2, and the USTs at former Plant 1 are PAOC No. 3. No PAORs were identified associated with review of the Sanborn maps.

2.3.2 PROPERTY TITLE SEARCH

Historical property title information was not available from GM.

2.3.3 AERIAL PHOTOGRAPHS

Aerial photographs were reviewed to document the general development of the Site and properties in the vicinity of the Site and to identify potential on-Site solid waste disposal areas, fill areas, and any other suspect activities or developments. Aerial photographs of the Site and surrounding areas were obtained for the years 1940, 1949, 1957, 1963, 1964, 1972, 1974, 1980, 1990, 1993, 1997, 2000, 2002, and 2005 from EDR and the Oakland County Planning and Economic Development Services. Copies of the aerial photographs are presented in Appendix F.

The 1940 aerial photo was reviewed at a scale of one inch equals 500 feet and depicts the Site as developed with numerous industrial-type structures with railroad spurs entering some structures. A number of smaller structures are present on the southern part of the Site. Franklin Street is present to the west of the Site. Rapid Street is present to the north of the Site. Railroad tracks are present to the east of the Site, with residential/commercial-type structures and South Saginaw Street located beyond. West Wilson Avenue is present to the south of the Site and beyond are several large industrial-type structures located on the south parcel of the PVC, with residential/commercial-type structures located further south. The adjacent properties appear to primarily consist of residential-type structures. The Consumers Power Company building is present to the north of the Site.

The 1949 aerial photo was reviewed at a scale of one inch equals 500 feet and depicts the Site as developed with numerous industrial-type structures. Fire Station No. 2 is present on the Site, along with numerous parking areas. Additional development has occurred in the surrounding area.

The 1957 aerial photograph was reviewed at a scale of one inch equals 500 feet and depicts the Site and surrounding area as essentially unchanged from the 1949 aerial photograph.

The 1963 aerial photograph was reviewed at a scale of one inch equals 300 feet and depicts the Site as essentially unchanged from the 1957 aerial photograph. The surrounding properties have been further developed.

The 1964 aerial photograph was reviewed at a scale of one inch equals 500 feet and depicts the Site and surrounding area as essentially unchanged from the 1963 aerial photograph.

The 1972 aerial photograph was reviewed at a scale of one inch equals 600 feet and depicts the Site as essentially unchanged from the 1964 aerial photograph. Fire Station No. 2 is no longer depicted on the southeast portion of the Site. Building 30 has been constructed along the eastern boundary of the Site. The surrounding properties appear to remain essentially unchanged from the 1964 aerial photograph.

The 1974 aerial photograph was reviewed at a scale of one inch equals 300 feet and depicts the Site and surrounding properties as essentially unchanged from the 1972 aerial photograph, with the exception that a portion of former Plant 1 has been removed (Buildings 1A, 1B, 1C, 1D, and 2). The Detroit Edison substation is present to the north of the Site.

The 1980 aerial photograph was reviewed at a scale of one inch equals 300 feet. Buildings 2B, 6, 10, and 13 have been removed from the Plant 1 portion of the Site. These areas are depicted as being used for parking, as well as the area formerly occupied by Buildings 1A, 1B, 1C, 1D, and 2 at Plant 1. The surrounding properties appear essentially unchanged from the 1974 aerial photograph.

The 1990 aerial photograph was reviewed at a scale of one inch equals 300 feet. The remainder of the structures at Plant 1 have been removed and the area is being used for parking. The remainder of the Site and the surrounding properties appear essentially unchanged from the 1980 aerial photograph.

The 1993 aerial photograph was reviewed at a scale of one inch equals 600 feet. The Site and the surrounding properties appear essentially unchanged from the 1990 aerial photograph. Some building additions are depicted on buildings on the south parcel of the PVC located south of the Site.

The 1997 aerial photograph was reviewed at a scale of one inch equals 300 feet. The Site is used for parking, with Building 30 remaining. The railroad spurs entering Building 30 are no longer visible. Areas of bare ground are present to the north of Building 30. Renovations have occurred to buildings on the south parcel of the PVC located south of the Site. The current AST farm and WMA located directly southwest of the Site have

been constructed. The surrounding properties to the north of the Site have been developed as industrial properties.

The 2000 aerial photograph was reviewed at a scale of one inch equals 300 feet. The Site appears essentially unchanged from the 1997 aerial photograph, with the exception that no vegetation appears to be present in a small area north of Building 30. A number of the adjacent properties to the northeast of the Site are vacant, and appear to be undergoing redevelopment.

The 2002 and 2005 aerial photographs were reviewed at a scale of one inch equals 300 feet and depict the Site and surrounding properties as essentially unchanged, with the exception that the vacant properties to the northeast of the Site have been redeveloped with commercial-type structures.

Based on the review of the aerial photos, the bare soil area is PAOC No. 4. No PAORs were identified associated with the Site and adjoining properties.

2.3.4 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were reviewed to assist in the identification of historic land use, to document the general development of the Site and properties in the vicinity of the Site, and to identify potential on-Site fill activities. The 1907, 1943, 1952, 1968, 1973 (1968 photo revised), 1983 (1968 photo revised), and 1997 historical topographic maps were obtained from EDR and were reviewed by CRA. All topographic maps were reviewed at a scale of 1:24,000, with the exception of the 1907 topographic map, which was reviewed at a scale of 1:62,500. Copies of available historical topographic maps are presented in Appendix G. The general topography of Site is discussed in Section 1.4.

On the 1907 topographic map, an industrial-type structure is present on the Site. West Wilson Avenue is present to the south of the Site and further south is South Boulevard West. Franklin Street is present to the west of the Site. Railroad tracks and South Saginaw Street are present to the east of the Site. Rapid Street is present to the north of the Site. Several residential-type structures are present along the roadways. The surrounding areas appear to consist of residential-type structures.

On the 1943 topographic map, several industrial-type structures are present on the Site. The south parcel of the PVC was improved with several industrial-type structures. The surrounding area has been further developed, and numerous streets are present in the

immediate vicinity of the Site. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

On the 1952 topographic map, a number of smaller structures that were present on the 1943 topographic map on the south parcel of the PVC are no longer present, and larger industrial-type structures are now present. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

On the 1968 topographic map, Building 30 has been constructed and additions have been constructed on Plant 1. The remainder of the Site appears unchanged from the 1952 topographic map. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

On the 1973 (1968 photo revised) topographic map, the Site appears unchanged from the 1968 topographic map. Additions are shown to some of the industrial-type structures depicted on the south parcel of the PVC. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

On the 1983 (1968 photo revised) topographic map, the Site appears unchanged from the 1973 topographic map. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

On the 1997 topographic map, the Site appears unchanged from the 1983 topographic map. It should be noted that this map is inaccurate, as Plant 1 is depicted and had been razed by this point. Due to the scale of the map, individual small residential-type or commercial-type structures are not shown.

Based on the review of available historical topographic maps, no PAOCs or PAORs were identified associated with the Site and adjoining properties.

2.3.5 CITY DIRECTORY SEARCH

Because the Site does not have a specific civic address (part of a larger Site located at 200 South Boulevard), a city directory search was conducted on an adjacent property (45635 Woodward Avenue) east of the Site beyond the rail spur. The city directory search was conducted by EDR from the earliest available directory to the present. Available directories were reviewed at approximately five-year intervals starting in 1923 and ending in 2008. The properties along Woodward were not listed in the 1923, 1927, 1931,

1939, 1945, 1952, 1957, 1962, 1973, 1978, 1983, 1988, 1993, or 1998 city directories. The results of the city directory search are presented in Appendix H. The following entities were identified as surrounding properties during the specified time periods.

Date	*Address*	*Listed Business Entity*
2003	45580 Woodward Avenue	Applied Ind.
	45601 Woodward Avenue	Robert M. Price & Sons McHl.
	45632 Woodward Avenue	Rena's Unisex Salon
	45646 Woodward Avenue	Address Not Listed
	45662 Woodward Avenue	Miracle Mnstrs.
	45671 Woodward Avenue	Bloomfield Eurotech Import
	45671 Woodward Avenue	Woodwardautocom
2008	45580 Woodward Avenue	Applied Michigan, Ltd.
	45601 Woodward Avenue	Robert M. Price & Sons, Inc.
	45632 Woodward Avenue	Rena's Unisex Salon
	45646 Woodward Avenue	Residence
	45662 Woodward Avenue	Apartments
	45671 Woodward Avenue	Bloomfld Eurotech AutoSales& Ser.
	45671 Woodward Avenue	Woodward Auto

No PAORs or PAOCs were identified associated with the Site and adjoining properties based on the city directory search.

2.4 SITE FILES

No new on-Site files were available for review (since the 2006 CRA Phase I ESA for the PVC) during the Site inspection. Since 2006 the Site has been used solely for administrative activities, vehicle parking, and miscellaneous equipment and material storage in Building 30.

2.4.1 FILES

The following previous report was prepared for the Site and reviewed as part of this Phase I ESA:

- *Phase I Environmental Site Assessment, General Motors Pontiac Centerpoint Campus – Validation Center, Pontiac, Michigan*, prepared by CRA and dated October 2006.

CRA completed a Phase I ESA for the entire PVC in October 2006. All files (reports, correspondence, figures, etc.) pertinent to the history of the PVC, including the portion comprising the Site, were reviewed and summarized by CRA in the 2006 report. Detailed information from the 2006 Phase I ESA are summarized throughout applicable sections of this Report.

The following PAOCs were identified associated with the Site during the 2006 Phase I ESA:

PAOC 1 – Historical Operations – Former Plant 1;
PAOC 3 – Historical Adjacent Properties;
PAOC 4 – USTs – Former Plant 1;
PAOC 12 – Bare Soil Area;
PAOC 16 – Bulk Loading/Unloading Areas; and
PAOC 18 – Waste Management Area (WMA) South of Plant 1.

The details pertaining to each PAOC were as follows:

- **PAOC 1 - Historical Operations – Former Plant 1:** Based on the review of available information, former Plant 1 was initially developed in 1906 by the Rapid Motor Car Company, with subsequent additions to the facility over the years. The Rapid Motor Car Company, and later General Motors Corporation, utilized former Plant 1 for the manufacture and assembly of vehicles. Primary operations conducted at former Plant 1 included metal finishing operations (phosphating, pickling, plating, heat treating, and painting), stamping, grinding, machining, and polishing. Ancillary operations included hazardous and non-hazardous waste accumulation, handling, and storage, as well as the use and storage of raw petroleum products and solvents in both above and below ground storage tanks and drums. Former Plant 1 was razed in sections, with demolition occurring between 1972 and 1974 for Buildings 1A, 1B, 1C, 1D, and 2; between 1974 and 1980 for Buildings 2B, 6, 10, and 13; and the remainder of the Plant circa 1984. Reportedly, demolition debris from former Plant 1 was utilized as backfill for below grade structures associated with former Plant 1. Portions of the former Plant 1 portion of the Site were utilized as residential and commercial properties as early as 1909. No information regarding historical use of heating oil USTs or ASTs, septic systems, or property demolition procedures were available for CRA to review.

- **PAOC 3 - Historical Adjacent Properties**: Based on the review of available information, the adjacent properties to the Site were historically operated as filling stations, an electric light plant/power plant, and various manufacturing facilities as early as 1909. These types of operations typically utilize petroleum products and solvents. Additionally, in a previous Phase I ESA Report, a tunnel was identified on a 1954 Factory Insurance Map between the former Consumers Power Company facility (electric light plant) and former Plant 1. No further information regarding the tunnel was available. Potential impacts to the Site from these operations could not be determined.
- **PAOC 4 - USTs – Former Plant 1:** Based on the review of available information, at least 11 historic USTs were present in the vicinity of former Plant 1. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the aforementioned USTs at former Plant 1 was available (see Section 3.3 for more details).
- **PAOC 12 - Bare Soil Area:** Based on the review of the aerial photographs and observations made during the 2006 Site inspection, vegetation in the area north/northwest of Building 30 is sparse. Site personnel indicated that this area was historically part of a thermal soil remediation effort. No additional information regarding the remediation was available to CRA.
- **PAOC 16 - Bulk Loading/Unloading Areas:** Based on the review of available information and discussions with Site personnel, the PVC [including the Site] currently and formerly utilized several areas for bulk unloading and loading of petroleum, solvents, and acid products and waste. These areas include exterior load/unload fill ports and associated concrete pads, as well as former trainwells. Some of these areas have been replaced in the recent past; however, others have been in place since the facility was developed. Potential impacts to Site soil and/or groundwater from potential releases could not be determined.
- **PAOC 18 - WMA at Plant 1:** A hazardous waste container storage area was historically identified east of Building 12 at Plant 1 in a 1981 Closure Plan. No follow-up information regarding the closure was provided to CRA for review.

The following PAORs were identified associated with the Site during the 2006 Phase I ESA:

- PAOR 1 - Belowgrade Pits, Trenches, Conveyors, and Sumps; and
- PAOR 2 – ASTs.

The details pertaining to each PAOR were as follows:

- **Belowgrade Pits, Trenches, Conveyors, and Sumps:** Process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. Reportedly, some of these pits have been closed in place (exact locations unknown), with no decontamination or subsurface investigation activities noted. Potential impacts to Site soil and/or groundwater could not be determined.
- **ASTs:** Numerous ASTs were historically located throughout the Site. These ASTs represent a material threat of a release of hazardous substances.

In 2007 CRA initiated a Phase II ESA subsurface investigation to evaluate potential impacts to Site soil and groundwater and to determine if the PAOCs/PAORs were Areas of Concern (AOCs). The results of the Phase II ESA are pending and were not available for review at the time of this Report.

Accordingly, for the purposes of this Report, historical operations at former Plant 1 are PAOC No. 1, the historical operations of surrounding properties are PAOC No. 2, the USTs at former Plant 1 are PAOC No. 3, the bare soil area is PAOC No. 4, historical bulk loading/unloading areas are PAOC No. 5, and the former WMA south of Plant 1 is PAOC No. 6. Similarly, for the purposes of this Report, belowgrade pits, trenches, conveyors, and sumps associated with the former Plant 1 are PAOR No. 1, and current and former ASTs are PAOR No. 2.

2.4.2 VARIOUS CORRESPONDENCE /OTHER DOCUMENTATION

No new documentation since the time of the 2006 Phase I ESA was available for review. According to Site personnel, the only activities conducted at the Site since 2006 are the CRA Phase II ESA (results pending), equipment and miscellaneous material storage, and administrative tasks associated with the building demolition.

Various correspondence and other historical documentation were reviewed during the 2006 Phase I ESA and are summarized as applicable in Section 3.0.

2.4.3 DRAWINGS

According to individuals associated with the Site, GM has no current Site drawings. Historical drawings were reviewed during the 2006 CRA Phase I ESA. Drawings were reviewed to determine former utility locations, historical locations of waste handling/storage areas, historical locations of chemical storage areas, historical locations of ASTs and USTs, and historical locations of sumps, pits, and trenches. The results of the drawing review are summarized throughout the applicable sections of this Report and the 2006 Phase I ESA.

2.4.4 PERMITS

According to individuals associated with the Site and available information, no permits are maintained for the Site and no permits are currently required by local or state agencies. Based on available information the Site utilizes active stormwater outfalls. Accordingly, a storm water discharge permit may exist.

3.0 SITE RECONNAISSANCE

The Site inspection was performed by Mr. Terry Gayman of CRA on January 20, 2009. The Site inspection included an inspection of the Site, observation of surrounding properties as viewed from the Site and surrounding roadways, discussions with various individuals associated with the Site, and a review of available documentation associated with the Site. Site photographs were taken during the Site inspection and are presented in Appendix I.

3.1 SPECIAL PROCESSES AND EQUIPMENT

Based on discussions with individuals associated with the Site, observations made during the Site inspection and review of available information, there are currently no special industrial processes or equipment associated with the Site.

Special processes and equipment formerly utilized in Plant 1 are discussed below:

- pickling in Building 27;
- heat treat in Building 27;
- chromium and nickel plating in Buildings 6, 12, 13, and 27; and
- anodizing operations in Building 12.

Based on information reviewed during the Phase I ESA, the historical operations at former Plant 1 are PAOC No. 1

3.2 UTILITY SERVICES

According to individuals associated with the Site, electricity is provided to the Site by DTE Energy. Natural gas is provided to the Site by Consumers Energy Company. Building 30 receives power via a diesel generator.

Potable water is supplied to the Site by the City of Pontiac. No information was available regarding the abandonment of any potential water supply wells historically utilized by former residential, commercial, or industrial properties at the Site. Individuals associated with the Site were not aware of any current or former water supply wells, dry wells, cesspools, or septic systems at the Site. No evidence of current

or former water supply wells, dry wells, cesspools, or septic systems was observed by CRA during the Site inspection. Groundwater monitoring wells associated with Phase II ESA activities previously conducted at the Site were observed by CRA,

Prior to razing Plant 1, historical process wastewater was discharged to the off-Site PAC WWTP via underground sewer lines prior to discharge to the City of Pontiac municipal sanitary sewer system for pretreatment. Sanitary wastewater is discharged directly to the City of Pontiac municipal sanitary sewer system and eventually to the City of Pontiac Publicly Owned Treatment Works (POTW).

Stormwater generated at the Site infiltrates undeveloped Site surfaces or discharges to storm sewer catchbasins for conveyance to Outfall 9 to the Clinton River.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with utility services.

3.3 UNDERGROUND STORAGE TANKS (USTs)

Individuals associated with the Site were unaware of any USTs currently operated at the Site, and were unaware of any potential historical USTs operated at the Site. CRA did not observe any physical evidence (e.g., vent pipes, fill ports, etc.) of USTs during the Site inspection. The Site was not listed in the UST or LUST databases as having any USTs or releases therefrom.

Based on a review of the 2006 Phase I ESA prepared by CRA and available historic information, there have been numerous USTs historically located at the Site. At least 11 USTs were historically present at Plant 1, as follows:

- eight USTs (four 9,500-gallon fuel oil USTs and four 12,000-gallon fuel oil USTs) were historically located in a UST farm southeast of Building 27. Available documentation indicates that the product lines from the UST farm historically extended from Plant 1 to Plant 5. A large 22,500-gallon fuel oil sump and two pump houses were also part of the UST farm;
- one 12,000-gallon gasoline UST was located between Buildings 5 and 7;
- one gasoline UST (size unknown) was located southwest of Fire Station No. 2, in the central portion of the Site, north of Wilson Avenue; and

- refined oil USTs (size and quantity unknown) were located at the south end of Building 5.

No information regarding closure (i.e., removal, abandonment, etc.) of the above USTs at former Plant 1 was available. A summary of the UST details is provided on Table 3.1.

Based on information reviewed during the Phase I ESA, the USTs at former Plant 1 are PAOC No. 3.

3.4 ABOVE GROUND STORAGE TANKS (ASTs)

According to Site personnel and based on CRA observations, the following AST is currently utilized at the Site:

- Road Diesel AST (size unknown, estimated volume is 1,000 gallons).

At the time of the Site inspection, the AST appeared to be in good condition. No significant staining was observed by CRA in the vicinity of the AST. The AST was located on asphalt pavement (snow covered at the time of the Site inspection) with no secondary containment. The AST was utilized to re-fuel equipment associated with the demolition of the adjacent property south of the Site.

In addition to the road diesel AST, two unknown ASTs were located in a vehicle/equipment wash area within Building 30. Site personnel did not believe that the ASTs were active, but did indicate that they would have previously stored wash chemicals (i.e., soaps, detergents, etc.).

There have been numerous ASTs historically located at the Site. A summary of the former ASTs is presented in Table 3.2. The status of some historical ASTs is unknown (i.e., it is unknown what happened to the ASTs when Plant 1 was razed).

Four ASTs are present at an AST Farm located off Site, immediately adjacent to the Site boundary, west of Building 30 (see Figure 1.3). According to Site personnel, the ASTs were emptied in April 2008 as a part of PVC demolition activities. The AST farm consists of the following:

- one 1,500-gallon diesel AST; and
- three 5,000-gallon gasoline ASTs.

The ASTs at the AST Farm are all constructed with double-walled concrete and steel, and were installed in 1995. There have been no documented releases from the ASTs. Accordingly, potential impacts to the Site from the current ASTs is not expected.

Based on a review of available information, CRA removed and disposed six ASTs (MDEQ tank numbers 51, 52, and 53, and others, see Table 3.2), associated piping, the pump house, concrete footings, berms, and tank saddles from the above referenced AST farm in July 1995. At that time, the eastern portion of the bermed area had a soil base. The tanks that were removed contained engine oil, glycol, steering fluid, waste oil, glycol, oil, and waste glycol. Approximately 860 cy of soil were removed and treated on Site via low temperature thermal desorption. Confirmatory soil samples were collected and analyzed for Benzene, toluene, ethylbenzene, xylenes (BTEX), Polynuclear Aromatic Hydrocarbons (PNAs), PCBs, lead, cadmium, and arsenic. Based on the contents of the ASTs, additional Volatile Organic Compounds (VOC) analysis may have been warranted.

Based on information reviewed during the Phase I ESA, the current and former ASTs at the Site are PAOR No. 2, and the former and current ASTs associated with the off-Site AST farm located west of Building 30 are PAOR No. 3.

3.5 RAW MATERIAL USAGE AND STORAGE

The Site is presently primarily unused. The raw materials that were most recently used during demolition of the PVC were stored in Building 30. Materials observed within Building 30 were stored on wood pallets or in 55-gallon steel drums or totes. Materials observed within Building 30 during the Site inspection included used oil, coolant, antifreeze, sealer, investigative derived waste (from the CRA Phase II ESA, the results of which are pending), compressed gas cylinders (oxygen, propane), brake fluid, and miscellaneous scrap material. Additionally, outside, just north of Building 30, CRA observed two 20-gallon used oil barrels. The ground surface surrounding the oil barrels was snow covered, but is in an area of bare ground. Site personnel indicated that the 20-gallon barrels are temporarily stored at the Site in various locations as needed.

During the Site inspection, CRA observed the concrete flooring in Building 30 storage areas to be generally in good condition, with no evidence of major cracking. Some areas of minor staining were observed on the concrete floor where miscellaneous drums were stored.

Based on a review of previous reports, some of the raw materials likely utilized and stored historically at the Site in significant quantities include: soluble/insoluble oils, floor soap, hydraulic oils, quench oil, paints, thinners, sulfuric acid, plastics, resins, gasoline, diesel, compressed gases (argon, acetylene, nitrogen, oxygen, and carbon dioxide), electrical components, degreasers, pickling chemicals, various solvents, and miscellaneous adhesives, maintenance, and cleaning chemicals.

Reportedly, known historical raw material storage areas throughout the Site included:

- oil and solvent storage, Building 10, Plant 1; and
- oil storage, Building 18, Plant 1.

Historically, raw materials and chemicals were received via railcar, as well as via semi-truck and tanker truck. Specific information regarding historical bulk loading and unloading practices was not available to CRA.

There are no agricultural chemicals currently stored on Site. No information was available regarding potential historical Site utilization as cultivated land.

Based on the information reviewed during the Phase I ESA, bulk loading/unloading areas are PAOC No. 5. No PAORs were identified associated with raw material use and storage.

3.6 SOLID WASTE HANDLING/STORAGE AND DISPOSAL

According to individuals associated with the Site and based on observations made during the Site inspection, liquid industrial wastes are not currently generated, treated, stored or and disposed at the Site. Solid non-hazardous and industrial wastes generated at the Site include scrap rags, cardboard, paper, empty drums, etc. As the Site is presently primarily vacant, there is minimal solid waste currently generated. A dumpster for the removal of the solid waste by Waste One is located south of the office building. Miscellaneous scrap material/equipment (e.g., old motors) were observed on the asphalt pavement in the southwest portion of the main parking lot at the Site.

Based on a review of previous reports, Plant 1 was demolished and the below grade structures were backfilled with on-Site demolition debris beginning in 1984. The types of materials that were likely used as fill include brick, concrete, wood, metal, and other construction type debris, which were formerly located in process areas of the Site.

According to Site personnel, no other on-Site disposal of solid non-hazardous or industrial waste has occurred at the Site. No evidence of the on-Site disposal of solid non-hazardous or industrial waste was observed by CRA during the Site inspection.

At the time of the 2006 Phase I ESA by CRA, an area of soil with no vegetation was observed to the north of Building 30. Reportedly, in 2006, Site personnel indicated this lack of vegetation was caused by a thermal soil remediation effort previously conducted in this area (see Section 3.4).

Based on information reviewed during the Phase I ESA, the historical operations at former Plant 1 are PAOC No. 1 and the bare soil area is PAOC No. 4. No PAORs were identified associated with solid waste handling/storage and disposal.

3.7 HAZARDOUS WASTE HANDLING/STORAGE AND DISPOSAL

Current

Based on the review of the environmental database search results, the PVC was listed in the RCRA-SQG Report as General Motors Co. North American located at 200 South Boulevard. Additionally, the PVC was listed in the CORRACTS database as having a low corrective action priority. According to Site personnel, the Site does not currently generate hazardous waste. Any listing in the database would be related to the PVC, but would not relate to the Site directly.

Historical

GM submitted a RCRA Part A Hazardous Waste Permit Application in November 1980 for the PVC, which the U.S. EPA approved in May 1982. The application approved three hazardous waste storage areas, these being a waste storage area south of the former PVC Plant 3 south of the Site, a historical wastewater treatment area immediately east of a waste storage area, and a future waste storage area east of Building 12, Plant 1, which was identified to be under construction.

A Hazardous Waste Facility Waste Management Closure Plan, dated March 1981 (1981 Closure Plan) showed a fourth hazardous waste storage area, which consisted of two storage tanks located in the western/central portion of Building 5, Plant 1 that reportedly *never contained RCRA hazardous waste*. The 1981 Closure Plan was prepared to close both waste storage areas at Plant 1 (outside container storage area east of Building 12 and the two tanks inside Building 5). No follow-up information on the closure of these two WMAs was provided to CRA for review.

Based on the information presented in the 2006 environmental database search results, a RCRA Facility Assessment (RFA) was completed on March 30, 1990, and it is indicated that a RCRA Facility Investigation (RFI) was needed on May 18, 1990. The PVC was issued a low corrective action priority status on September 27, 1991. No further information regarding the RFA, RFI, or corrective action status was available.

Based on the review of available documentation and discussions with individuals associated with the Site, the former WMA at Plant 1 is PAOC No. 6. No PAORs were identified associated with hazardous waste.

3.8 POLYCHLORINATED BIPHENYLS (PCBs)

According to individuals associated with the Site, there are currently no transformers (including pole-mounted), capacitors, ballasts, or other dielectric fluid containing equipment present at the Site. CRA did not observe the presence of any on-Site PCB-containing equipment during the Site inspection; however, it should be noted that areas of Building 30 were dark during the Site inspection, and as a result equipment stored could not always be fully inspected.

Based on the review of available documentation, various waste streams were sampled by CRA during the FEA at the PVC. PCBs were not detected in any of the samples. Additional information regarding PCBs is presented in the following sub-sections.

3.8.1 TRANSFORMER SUBSTATION

Based on the review of available information, PCB transformers may have historically been present at the Site. The PCB Annual Report for the Site for July 2, 1983 through July 2, 1984 identified 88 PCB transformers; however, it could not be confirmed that

these were located at the Site or PVC (i.e., some or all may have been associated with former Plant 2 or current Plant 6, which are not part of the Site). These units were reported to contain Askarel as a dielectric fluid.

Based on the review of available documentation, the former potentially on-Site transformers/substations are part of historical operations associated Plant 1 and thus considered to be PAOC No. 1. No PAORs were identified associated with transformer substations.

3.8.2 REGULATED CAPACITORS (> 3 LBS)

According to Site personnel, there are currently no PCB-containing regulated capacitors (> 3 lbs.) currently on Site. CRA did not observe any PCB-containing regulated capacitors (> 3 lbs.) during the Site inspection.

Based on the review of available information, PCB capacitors may have historically been present at the Site. The PCB Annual Report for the Site for July 2, 1983 through July 2, 1984 identified 503 large PCB capacitors; however, it could not be confirmed that these were located at the Site or PVC (i.e., some or all may have been associated with former Plant 2 or current Plant 6, which are not part of the Site). These units reportedly contained Askarel as a dielectric fluid.

Based on the review of available documentation, the former potentially on-Site capacitors are part of historical operations associated Plant 1 and thus are considered to be PAOC No. 1. No PAORs were identified associated with transformer substations.

3.9 ASBESTOS CONTAINING MATERIAL (ACM)

An ACM survey was not conducted as part of this Phase I ESA. Site personnel were unaware if an asbestos survey has been conducted at the Site. Potential ACM observed at the Site consisted of vinyl floor tiles and associated mastic, ceiling tiles, sheet rock, and joint compound. All potential ACM were observed to be in good condition at the time of the Site inspection. Additional potential ACM may be present in areas not accessible during the Site inspection (behind walls, roofs, ceilings, etc.). Asbestos content cannot be determined without laboratory analysis. In the event of renovation/demolition (i.e., activities that would disturb potential ACM), a pre-demolition asbestos survey would be necessary to confirm or deny the presence of

asbestos. The Site does not currently maintain an ACM operations and maintenance plan.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with ACM; however, the potential presence of ACM is an environmental issue.

3.10 INDUSTRIAL WASTEWATER/SANITARY SEWERS

Wastewater currently generated at the Site consists of sanitary wastewater. Sanitary wastewater is discharged directly to the City of Pontiac municipal sanitary sewer system.

According to Site personnel, there are no on-Site septic systems and no evidence of a septic system was observed by CRA during the Site inspection; however, former septic system use at the previous residences and commercial and industrial facilities could not be confirmed.

3.10.1 INDUSTRIAL PROCESS LINES

Historically, process wastewater throughout the PVC was collected in sumps, pits, and trenches. Process wastewater was transported from the sumps, pits, or trenches to the main lift station (central area of the PVC) and, ultimately, to the off-Site PAC WWTP for treatment prior to discharge under a wastewater discharge permit to the City of Pontiac municipal sanitary sewer system and eventually the City of Pontiac POTW. Process wastewater is not currently generated at the Site.

No PAOCs or PAORs were identified associated with industrial process lines.

3.10.2 SANITARY SEWERS

Sanitary sewers are present at the Site. According to available information, the sanitary sewers at the Site formerly collected wastewater from Plant 1 domestic sinks and toilets only. These lines discharge directly to the City of Pontiac municipal sanitary sewer system.

No PAOCs or PAORs were identified associated with sanitary sewers.

3.11 STORMWATER

Stormwater generated at the Site consists of precipitation and run-off from the building roofs and hard surface areas. Stormwater infiltrates undeveloped (permeable) Site surfaces or flows via sheet flow at the Site to catch basins, which eventually discharge to Crystal Lake and the Clinton River via Outfall 9 (see Figure 3.1).

Outfall Nos. 001 through 003 collect drainage from the parking lot located at the north half of the Site. Outfall No. 001 discharges into a City of Pontiac storm sewer located in Rapid Street, and Outfall Nos. 002 and 003 discharge into 20-inch and 21-inch diameter City of Pontiac storm sewers, respectively, located in Franklin Road, which flow into Clinton River Drain No. 3 and to Outfall No. 009. Outfall No. 004 drains storm water from the area around Building 30 as well as areas located south of the Site. Outfall No. 004 exits the Site via a 36-inch diameter City of Pontiac storm sewer located in Franklin Road, along Rockwell Avenue, which flows into Clinton River Drain No. 3 and to Outfall No. 009.

Based on information reviewed during this Phase I ESA, no PAOCs or PAORs were identified associated with stormwater.

3.12 AIR EMISSIONS

According to individuals associated with the Site and based on observations made during the Site inspection, current air emissions sources consist of the ASTs and general building ventilation.

Based on information reviewed, the PVC historically had several air emissions sources. In a letter dated December 19, 2005, the MDEQ Air Quality Division (AQD) approved the request from the Site (SRN B4033) to void the Renewable Operating Permit (ROP)(Permit No. 199700009) that was in place for GM PVC. According to the letter, the PVC was no longer a major source under the Clean Air Act (CAA) Title V Program due to the fact that the pre-production operations at the Site have ceased.

Historical operations covered under the ROP while the Site operated as PVC included boilers, the wood workshop, pilot process area, gasoline storage and handling

equipment, surface coating lines, and cold cleaners (parts washers). Based on the review of available information, known historical operations at Plant 1 that would have produced potentially regulated air emissions included plating, pickling, phosphating, and heat-treating.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with air emissions.

3.13 PAINTING SYSTEMS

Based on observations during the Site inspection and discussions with Site personnel, no painting systems are currently at the Site. It is unknown, but likely that some painting operations would have been conducted at various locations in former Plant 1; however, no information pertaining to historical painting operations at the Site was available for review.

Based on information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with painting systems.

3.14 IONIZING RADIATION

Individuals associated with the Site were unaware of the use of commercial sources of ionizing radiation (e.g., fill level controllers) at the Site and no labeled radioactive sources were observed by CRA during the Site inspection. The U.S. EPA has determined that Oakland County has a predicted average indoor screening level for radon gas to be greater than or equal to 2 picocuries per liter (pCi/L) and less than or equal to 4 pCi/L, which is below the residential screening level of 4 pCi/L recommended by U.S. EPA. There are no basements associated with the current Site buildings. Historical basements associated with former Plant 1 have been backfilled and are paved over with an asphalt cover.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with ionizing radiation.

3.15 PERMITS

According to individuals associated with the Site and available information, no permits are maintained for the Site and no permits are currently required by local or state agencies. Based on available information the Site utilizes active stormwater outfalls. Accordingly, a storm water discharge permit may exist.

Based on the information reviewed during the Phase I ESA, there are no specific PAOCs or PAORs associated with permits.

3.16 SPILL REPORTS/RELEASES

According to Site personnel, there have not been any reportable spills/releases at the Site since the 2006 Phase I ESA. The PVC was listed in the ERNS; however, based on a review of the database, this listing does not appear to pertain to the Site (related to a release from a building gasket in 1999, which is after the demolition of Plant 1).

No evidence of any significant staining or other chemical or petroleum releases within or around the Site was observed during the Site inspection, with the exception of minor staining observed on the concrete floor in Building 30. The concrete floor in the vicinity of the staining was observed to be in good condition with no evidence of significant cracking. In a car wash bay located at the south end of Building 30, absorbent material was observed on the floor surface adjacent to a trench floor drain. An oily material was observed to be covered by the absorbent, and it was evident that the oily material had discharged to the trench floor drain. Site personnel were unaware of the trench drain discharge point, or if it was a "dead end" drain. The oily material appeared to be the result of a one-time release, and not the result of a continuous discharge.

Based on a review of available information, there have been numerous spills at the PVC. Spills/releases associated with the Site and former operations at Plant 1 are not well documented. Known releases at the Site are detailed below.

On July 8, 1983, approximately 100 gallons of oily waste were released to the storm sewer in the southeast yard at Plant 1. The manhole was pumped and the line was flushed. There was no evidence of the release at Crystal Lake.

On August 16, 1989, there was a release of approximately 2,000 gallons of wastewater due to a pump failure. No other information pertaining to the exact location (i.e., on Site or south of the Site at the PVC) was available for review.

According to the Integrated Contingency Plan (CRA, 2005), no reportable spills have occurred at the PVC, including the Site from 2003 to 2005.

Based on information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with spills/releases at the Site.

3.17 CERCLA LIABILITY POTENTIAL

The Site is not listed on the NPL or in the State Hazardous Waste Site Database. Based on information from Site personnel, the Site has never defended any environmental-related claims or litigation asserted by any governmental agency or third party, and no potential claims or litigation presently exist to the best knowledge of Site personnel interviewed during the Site inspection. Based on a review of previous reports, the PVC, including the Site, was assigned a low priority RCRA CA status.

3.18 EMPLOYEE RIGHT TO KNOW (ERTK)/HEALTH AND SAFETY

According to Site personnel, no hazardous substances are used or stored at the Site. The Site is vacant and ERTK/Health and Safety regulations are not applicable. Any maintenance products that may be utilized on Site are those utilized by the demolition subcontractor and ERTK/Health and Safety regulations for those products would be the subcontractor's responsibility.

When in operation, the PVC, including the Site, was subject to ERTK regulations pursuant to 29 CFR 1910.1200 and formerly maintained a written HazCom Plan and a database of chemicals utilized and material safety data sheets (MSDS), which were accessible to employees.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with ERTK/health and safety.

3.19 SARA TITLE III – EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)

The PVC formerly maintained an Emergency Response Plan (ERP) in place, as part of the Integrated Contingency Plan (ICP). Reportedly, copies of the ERP have been provided to the Oakland County Local Emergency Planning Committee (LEPC).

The PVC submitted reporting forms under Sections 311/312 of EPCRA. In 2006, CRA reviewed the Section 312 forms for the years 2003, 2004, and 2005, which were submitted to the Oakland LEPC, MDEQ, and Pontiac Fire Department. For the reporting year 2005, the PVC reported salt, diesel, sulfuric acid, hydraulic and lube oils, nitrogen, flammable paints/thinner, unleaded gasoline, ethylene glycol, and carbon dioxide. For the reporting years 2003 and 2004, the same compounds were reported, with the exception of salt, which was not reported. Based on known operations at the Site during this period of time, it is not anticipated that these compounds were stored or utilized on Site in significant quantities, and that the listings most likely pertained to the then operating portions of the PVC, south of the Site.

The PVC did not submit Form R reports under Section 313 of EPCRA for the reporting years 2003, 2004, or 2005, due to the fact that all substances were below the required thresholds for reporting obligations.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with EPCRA.

3.20 WELLS

Based on observations during the Site inspection, review of available documentation, and discussions with individuals associated with the Site, there are currently eight monitoring wells currently located on the Site. The monitoring wells were installed by CRA in 2007/2008 as part of a PVC Phase II ESA. The results of the Phase II ESA are pending.

According to individuals associated with the Site and based on information reviewed, there are currently no water supply wells, wet wells, or dry wells at the Site. No information was available regarding potential historical well use at the former residential, commercial, or industrial properties at the Site. Based on the age of the Site (1906) and the fact that a nearby GM Plant had industrial water supply wells, it is likely

that the Site historically contained industrial water wells. There was evidence (Sanborn Maps) of large water storage tanks historically at Plant 1.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with wells.

3.21 LEAD-BASED PAINT (LBP)

An LBP survey was not conducted as part of the Phase I ESA. Some interior surfaces were painted. Additional painted surfaces may be present in areas not accessible during the Site inspection (behind walls, roofs, ceilings, etc.). No chipping or flaking paint was observed by CRA during the Site inspection. Based on the age of the Building 30 (circa 1964), LBP is potentially present at the Site. LBP may also be present in asphalt or fence paint. Lead content of paint cannot be verified without laboratory analysis.

Based on the review of available documentation, lead-based sampling was conducted on April 26, 2006 by CRA. A total of 16 paint samples were collected from various locations at the PVC (none of which were on Site). The paint samples were analyzed for total lead to determine if lead-based paint is present. Lead was detected in all paint samples. If Building 30 was painted with similar paint as that used in the remainder of the PVC then the presence of lead may be expected.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with LBP; however, the potential presence of LBP is an environmental issue.

4.0 SUMMARY OF ENVIRONMENTAL CONDITIONS

Based on the findings of the Phase I ESA, the following PAOCs/PAORs were identified for the Site. The locations of the PAOCs/PAORs are presented on Figure 4.1.

4.1 PAOCS

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 PAOCs were identified at the Site.

1. **Historical Operations – Former Plant 1:** Based on the review of available information, former Plant 1 was initially developed in 1906 by the Rapid Motor Car Company, with subsequent additions to the facility over the years. The Rapid Motor Car Company, and later General Motors Corporation, utilized former Plant 1 for the manufacture and assembly of vehicles. Primary operations conducted at former Plant 1 included metal finishing operations (phosphating, pickling, plating, heat treating, and painting), stamping, grinding, machining, and polishing. Ancillary operations included hazardous and non-hazardous waste accumulation, handling, and storage, as well as the use and storage of raw petroleum products and solvents in both above and belowground storage tanks and drums. Former Plant 1 was razed in sections, with demolition occurring between 1972 and 1974 for Buildings 1A, 1B, 1C, 1D, and 2; between 1974 and 1980 for Buildings 2B, 6, 10, and 13; and the remainder of the Plant circa 1984. According to individuals associated with the Site, demolition debris from former Plant 1 was utilized as backfill for below grade structures associated with former Plant 1. Additionally, PCB-containing transformers and/or capacitors may have been utilized at the Site historically. Portions of the former Plant 1 area of the Site were utilized as residential and commercial properties as early as 1909. No information regarding historical use of heating oil USTs or ASTs, septic systems, or property demolition procedures were available for CRA to review. Potential impacts to Site soil and/or groundwater from the historical operations and subsequent demolition practices could not be determined
2. **Historical Adjacent Properties**: Based on the review of available information, the adjacent properties to the Site were historically operated as filling stations, an electric light plant/power plant, and various manufacturing facilities as early as 1909. These types of operations typically utilize petroleum products and solvents. Additionally, a tunnel was identified on a 1954 Factory Insurance Map

between the former Consumers Power Company facility (electric light plant) and former Plant 1. No further information regarding the tunnel was available. Potential impacts to the Site from these operations could not be determined.

3. **USTs:** Based on the review of available information, at least 11 historic USTs were present in the vicinity of former Plant 1. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the aforementioned USTs at former Plant 1 was available. Potential impacts to the subsurface as a result of operation of these USTs are unknown.

4. **Bare Soil Area:** Based on the review of the aerial photographs and the 2006 Phase I ESA Site inspection, vegetation in the area north/northwest of Building 30 is sparse. Site personnel indicated that this area was historically part of a thermal soil remediation effort. No additional information regarding the remediation was available to CRA. Potential impacts to the subsurface are unknown.

5. **Bulk Loading/Unloading Areas:** Based on the review of available information, the Site formerly utilized areas for bulk unloading and loading of various materials. These areas include exterior load/unload fill ports and associated concrete pads, as well as former trainwells. Specific information related to the bulk loading and unloading areas was not available for review. Potential impacts to Site soil and/or groundwater from potential releases could not be determined.

6. **WMA at Plant 1:** A hazardous waste container storage area was historically identified east of Building 12 at Plant 1 in a 1981 Closure Plan. No follow-up information on the closure was provided to CRA for review.

4.2 PAORS

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 PAORs were identified at the Site.

1. **Belowgrade Pits, Trenches, Conveyors, and Sumps:** Based on available information, process wastewater was historically collected and conveyed throughout the Site in numerous below grade sumps, pits, and trenches. Reportedly, some of these pits may have been closed in place, with no decontamination or subsurface investigation activities noted. In general, pits, sumps, and trenches associated with the former Plant 1 have been backfilled and

paved over with an asphalt cover. Potential impacts to Site soil and/or groundwater could not be determined.

2. **ASTs:** Numerous ASTs currently are or historically were located throughout the Site. These ASTs represent a material threat of a release of hazardous substances.

3. **Adjacent AST Farm:** An AST farm is located immediately adjacent to the southeast are of the Site, west of Building 30. The ASTs at the AST Farm are all constructed with double-walled concrete and steel, and were installed in 1995. There have been no documented releases from the ASTs, and according to Site personnel, the ASTs were emptied in April 2008. Based on a review of available information, CRA removed and disposed six ASTs, associated piping, the pump house, concrete footings, berms, and tank saddles from the above referenced AST farm in July 1995. At that time, the eastern portion of the bermed area had a soil base. The tanks that were removed contained engine oil, glycol, steering fluid, waste oil, glycol, oil, and waste glycol. Approximately 860 cubic yards of soil were removed and treated on Site via low temperature thermal desorption. Confirmatory soil samples were collected and analyzed for BTEX, PNAs, PCBs, lead, cadmium, and arsenic. Based on the contents of the ASTs, additional VOC analysis may have been warranted.

4.3 ADDITIONAL POTENTIAL ENVIRONMENTAL ISSUES

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 other potential environmental issues were identified at the Site.

1. **Asbestos-Containing Materials (ACM):** Based on observations during the Site inspection, ACM may be present at the Site. During any activities that may disturb ACM (i.e., renovation or demolition), ACM must be handled in accordance with all state and federal regulations.

2. **Lead-Based Paint (LBP):** LBP may present at the Site. During any activities that may disturb LBP (i.e., renovation or demolition), LBP must be handled in accordance with all state and federal regulations.

5.0 CONCLUSIONS

A Phase I ESA was conducted for the north parcel of the PVC located at 200 South Boulevard West in Pontiac, Michigan. The Phase I ESA identified the following 6 PAOCs, 3 PAORs, and 2 other environmental issues, as presented in Section 4.0.

PAOCs

1. Historical Operations – Former Plant 1;
2. Historical Adjacent Properties;
3. USTs;
4. Bare Soil Area;
5. Bulk Loading/Unloading Areas; and
6. WMA at Plant 1.

PAORs

1. Belowgrade Pits, Trenches, Conveyors, and Sumps;
2. ASTs; and
3. Adjacent AST Farm.

Other Environmental Issues

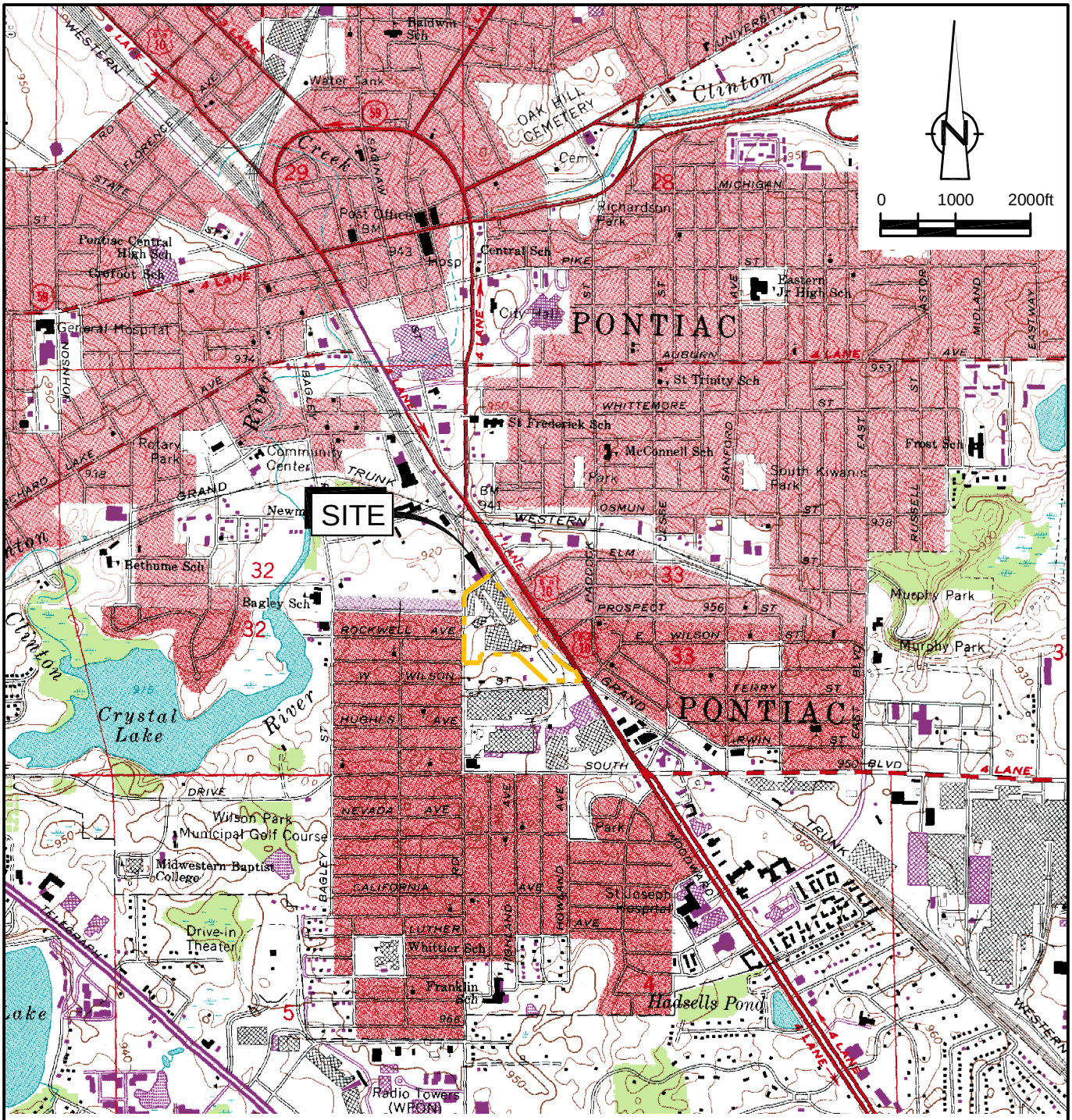
1. ACM; and
2. LBP.

7.0 REFERENCES

ASTM Standard E1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

CRA, Phase I Environmental Site Assessment, General Motors Pontiac Centerpoint Campus – Validation Center, Pontiac, Michigan, October 2006

Freeze, A.R., and Cherry, J.A. 1979. Groundwater. Prentice-Hall, Inc.: Englewood Cliffs, N.J.



SOURCE: USGS QUADRANGLE MAPS;
PONTIAC NORTH AND SOUTH, MICHIGAN; 1968

LEGEND

APPROXIMATE SITE BOUNDARY

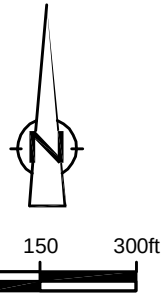
PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

figure 1.1

SITE LOCATION MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

17322-06(007)GN-WA001 APR 10/2009





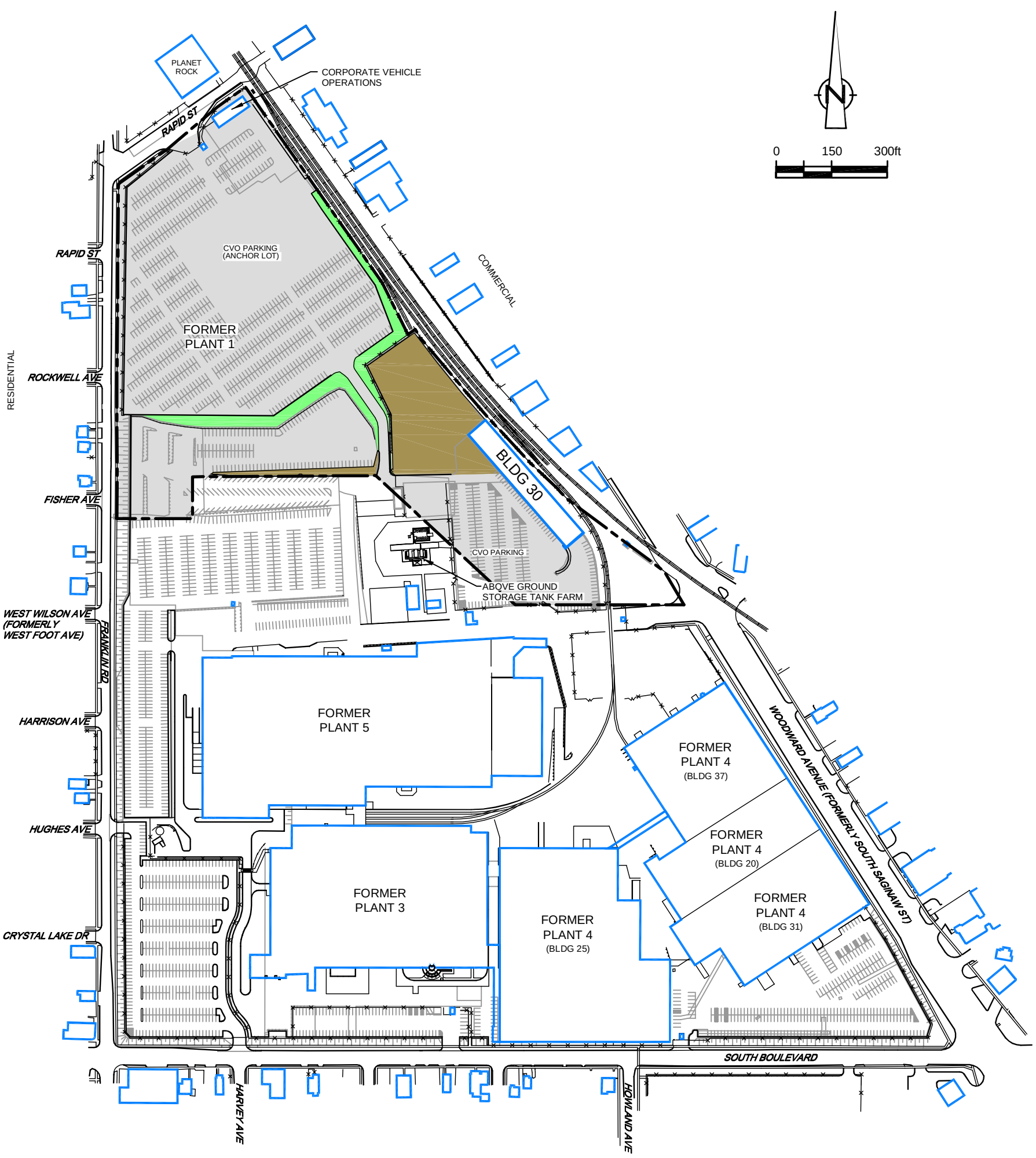
LEGEND

- APPROXIMATE SITE BOUNDARY
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE

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figure 1.2

SITE PLAN
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan



LEGEND

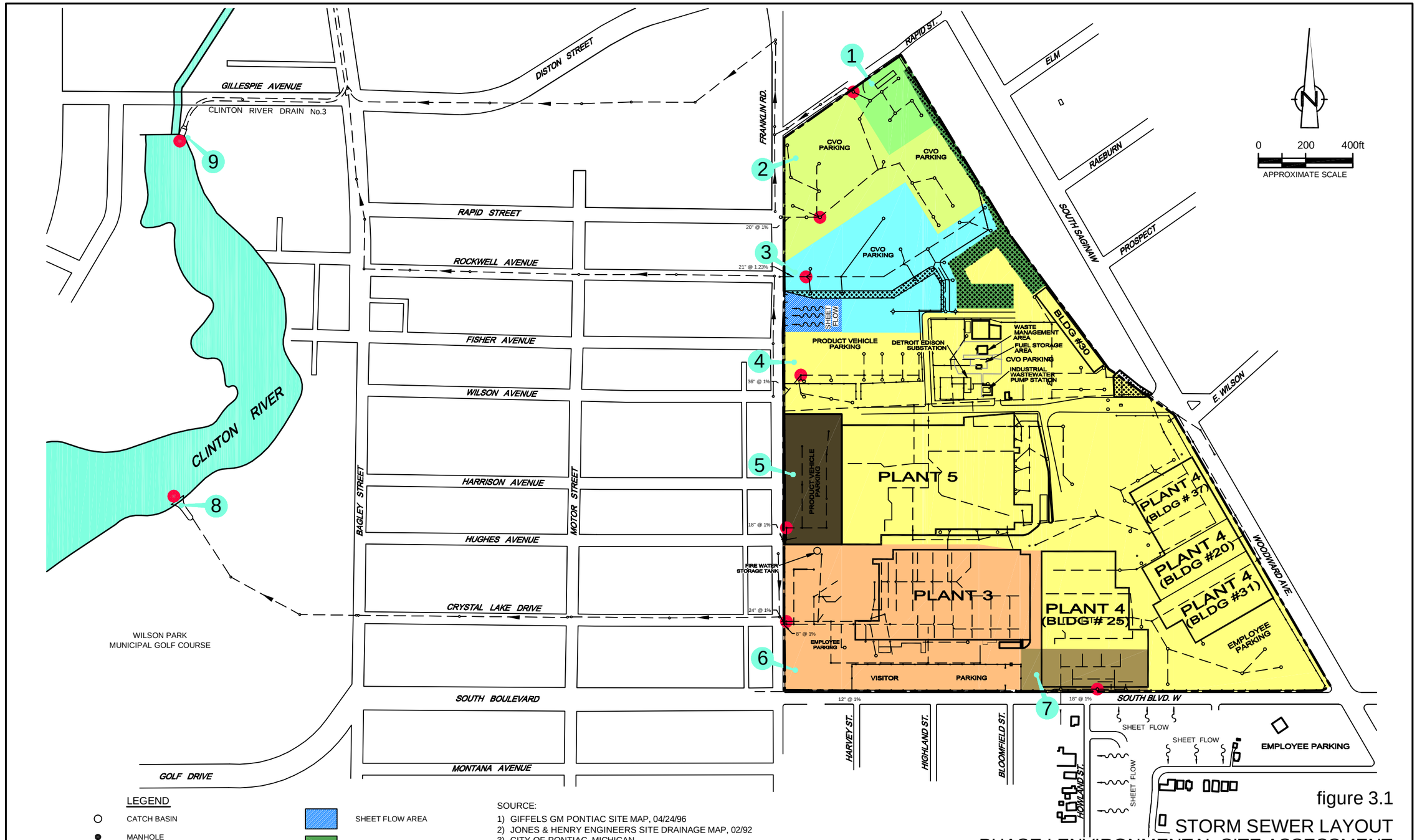
- APPROXIMATE SITE BOUNDARY
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE

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figure 1.3

SURROUNDING PROPERTIES
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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LEGEND

- CATCH BASIN
- MANHOLE
- STORM WATER INSPECTION/ SAMPLING POINTS
- PONTIAC STORM SEWER LINE
- PERVIOUS AREA
- SHEET FLOW AREA
- DRAINAGE AREA AND
- DRAINAGE AREA AND CORRESPONDING OUTFALL
- APPROXIMATE PROPERTY BOUNDARY

SOURCE:

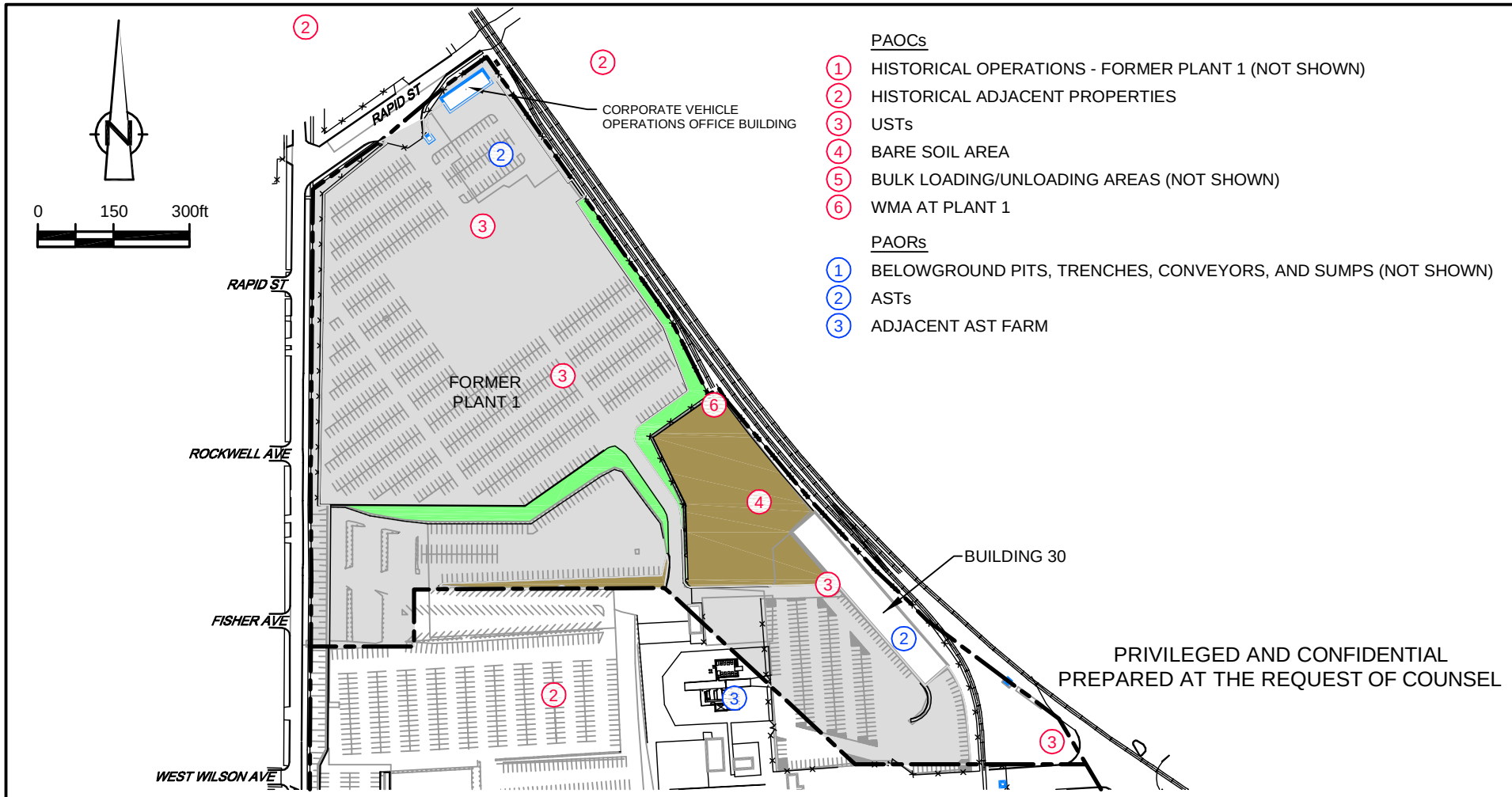
1) GIFFELS GM PONTIAC SITE MAP, 04/24/96
2) JONES & HENRY ENGINEERS SITE DRAINAGE MAP, 02/92
3) CITY OF PONTIAC, MICHIGAN
   DIVISION OF SANITARY ENGINEERING
   SEWERAGE ATLAS SHEET No. 92, 93, 100 & 101

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figure 3.1

STORM SEWER LAYOUT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

17322-06(007)GN-WA004 APR 10/2009



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LEGEND

APPROXIMATE SITE BOUNDARY	PAOR	POTENTIAL AREA OF RELEASE		SAND/GRAVEL/STONE
GRASS	UST	UNDERGROUND STORAGE TANK		ASPHALT/CONCRETE
1 PAOC - 1	WMA	WASTE MANAGEMENT AREA		
1 PAOR - 1				
AST	ABOVE GROUND STORAGE TANK			
PAOC	POTENTIAL AREA OF CONCERN			

figure 4.1

LOCATIONS OF PAOCs AND PAORs
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

TABLE 3.1

SUMMARY OF UNDERGROUND STORAGE TANKS
GENERAL MOTORS PONTIAC CENTERPOINT CAMPUS –
VALIDATION CENTER (NORTH PARCEL)
PONTIAC, MICHIGAN

Tank Number	*Capacity (gallons)*	*Contents*	*Construction Material*	*Installation Date*	*Status*	*Tank Location*	*Tank Use Description*	*Date Tank Last Used*	*Date Tank Closed*	*Date Removed*	*Releases*
Plant 1											
-	12,000	Fuel oil	Unknown	Pre-1928	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	12,000	Fuel oil	Unknown	Pre-1929	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	12,000	Fuel oil	Unknown	Pre-1930	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	12,000	Fuel oil	Unknown	Pre-1931	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	9,500	Oil	Unknown	Pre-1924	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	9,500	Oil	Unknown	Pre-1925	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	9,500	Oil	Unknown	Pre-1926	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	9,500	Oil	Unknown	Pre-1927	Unknown	Southeast of Building 27 - Tank Farm	Unknown	Unknown	Unknown	Unknown	--
-	12,000	Gasoline	Unknown	Pre-1915	Unknown	Between Buildings 5 and 7	Unknown	Unknown	Unknown	Unknown	--
-	Unknown	Gasoline	Unknown	Pre-1932	Unknown	Southwest of Fire Department	Unknown	Unknown	Unknown	Unknown	--
-	Unknown	Oil	Unknown	Pre-1954	Unknown	South end of Building 5	Multiple buried oil tanks	Unknown	Unknown	Unknown	--

Notes:
"--" - Not applicable or not available

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TABLE 3.2

SUMMARY OF FORMER ABOVEGROUND STORAGE TANKS
GENERAL MOTORS PONTIAC CENTERPOINT CAMPUS –
VALIDATION CENTER (NORTH PARCEL)
PONTIAC, MICHIGAN

Tank Number	*Capacity (gallons)*	*Contents*	*Construction Material*	*Installation Date*	*Status*	*Location*
Plant 1						
	500	Fuel oil	Unknown	Unknown	Unknown	Northeast wall of Building 6
-	Unknown	Refined oil	Unknown	Unknown	Unknown	Northeast corner of Building 12
-	Unknown	Refined oil	Unknown	Unknown	Unknown	Northeast corner of Building 12
-	100,000	Water	Unknown	Unknown	Removed	North of Building 13
-	12,000	Deionized Water	Unknown	Unknown	Unknown	East of Building 6
-	12,000	Engine oil	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
-	12,000	Glycol	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
-	12,000	Steering fluid	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
51	15,000	Waste oil	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
52	12,000	Glycol/ oil separation	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
53	12,000	Waste glycol	Unknown	Unknown	Removed July 1995	Process Fluids Tank Farm
-	Unknown	Gasoline	Unknown	Pre-1954	Unknown	Northwest of Building 12, Tank on wall
-	100,000	Water	Unknown	Pre-1954	Unknown	West of Building 5

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APPENDIX A

ASSESSOR'S QUALIFICATIONS

EDUCATION

B.A.Sc. University of Waterloo, Civil Engineering, Water Resources Option, 2006

Other Courses:
- 40-Hour OSHA Personal Protection and Safety Training Course (as per CFR 1910.120), June 2006 (hazardous waste site safety training).
- 8-Hour OSHA Health and Safety Training Refresher Course (as per OSHA 29 CFR 1910.120), March 2007
- CRA Phase I ESA Training, March 2007

EMPLOYMENT

2007-Present	Project Manager/Coordinator/Engineer Conestoga-Rovers & Associates, Waterloo, Ontario
2006	Project Coordinator/Engineer Conestoga-Rovers & Associates, Waterloo, Ontario
2005	Environmental Engineering Assistant, Toyota Motor Manufacturing Canada, Cambridge, Ontario (Co-op Work Term)
2005	Engineering Assistant, Conestoga-Rovers & Associates, Waterloo, Ontario (Co-op Work Term)
2004	Geotechnical Site Inspector, Peto MacCallum Ltd. Consulting Engineers, Kitchener, Ontario (Co-op Work Term)
2003	Engineering Assistant, Maple Leaf Foods, Corporate Engineering, Burlington, Ontario (Co-op Work Term)
2003	Laboratory Technician, Lafarge Asphalt Engineering, Mississauga, Ontario (Co-op Work Term)
2002	Infrastructure Data Manager, Regional Municipality of Waterloo, Kitchener, Ontario (Co-op Work Term)

PROFILE OF PROFESSIONAL ACTIVITIES

- Project Manager/Coordinator and/or Site Assessor for Phase I/II Environmental Site Assessments in support of acquisition/divestiture of properties in the U.S. and Canada, including the following:
  - automobile sales and service facilities – California, Illinois, Michigan, Massachusetts, Louisiana, Arkansas, Texas, and Ontario
  - various product distribution centers – Saskatchewan, New York, Manitoba, and Pennsylvania
  - a current truck assembly plant – Ontario
  - a former heavy automotive manufacturing plant – Michigan
  - a current automotive assembly plant - Georgia
  - a current brake manufacturing plant – Michigan
  - a scrap yard/refurbishing facility – Texas
  - various railway track segments and maintenance headquarters – Ontario

  - manufacturing facilities (food, carpet, pipe, plastics, nylon, woodworking, etc.) - Ontario
  - various multi-unit residential properties – Michigan and Ontario
  - vacant/cultivated/undeveloped properties – Michigan, California, Illinois, and Ontario
- Project manager responsible for due diligence (Phase I, Phase II, Due Care, etc.) at a former automotive plant in Michigan
- Project manager responsible for due diligence (Phase I, BEA, Due Care) efforts at a current heavy manufacturing facility in Michigan
- Phase Manager/Project Coordinator for due diligence (Phase I, II, and III) at a current automotive assembly plant in Georgia
- Project coordinator for various cleanup efforts at railroad properties and derailment sites in Ontario
- Project coordinator for annual monitoring and compliance with a Provisional Certificate of Approval at an operating landfill in Ontario
- Project coordinator responsible for assisting with environmental investigation and remediation activities at a current heavy manufacturing facility in California
- Project coordinator responsible for assisting with the operation and maintenance of a leachate collection system and design of a wetland treatment system at a 20-acre municipal/industrial landfill in Ohio
- Project coordinator responsible for assisting with the operation and maintenance of a high vacuum extraction (HVE) remediation system to remediate soil and groundwater impacted by chlorinated solvents at a manufacturing facility in Ontario and participate in remedial design alternatives assessment
- Assist in preparation of remedial investigations, remedial design/remedial action work plans, and health and safety plans
- Draft proposals and memoranda
- Coordinate subsurface investigations, including advancement of soil borings and installation of monitoring wells

BRIAN C. BOEVERS, B.S., M.B.A.

EDUCATION

B.S.	St. John's University, Collegeville, Minnesota, 1977, Cum Laude
M.B.A.	College of St. Thomas, St. Paul, Minnesota, 1986

EMPLOYMENT

1995 - Present	Principal, Minnesota Branch Manager Conestoga-Rovers & Associates
1993-95	Associate, Minnesota Branch Manager, Conestoga-Rovers & Associates
1988-92	Project Manager, Minnesota Branch Manager, Conestoga-Rovers & Associates
1985-88	Remedial Project Manager, Honeywell Defense Systems Group
1983-85	Senior Environmental Engineer, Honeywell Defense Systems Division
1981-83	Environmental Engineer, Honeywell Defense Systems Division
1979-81	Project Manager, U.S. Army Toxic and Hazardous Materials Agency
1978-79	Chemical Staff Officer, Department of the Army, Project Manager for Chemical Demilitarization and Installation Restoration
1977-78	Ordnance Officer, Munitions Materiel Management, U.S. Army

PROFILE OF PROFESSIONAL ACTIVITIES

Remedial Investigations/Site Investigations/RCRA Facility Investigations and Feasibility Studies

- Served as Project Manager for all aspects from work plan development through final report preparation for investigation of the following facilities:
  - Electronic component manufacturing plant - New Brighton, Minnesota (NPL site)
  - Metal parts manufacturing plant - New Brighton, Minnesota (NPL site)
  - Engineering and testing facility - Anoka County, Minnesota
  - Precision metals fabricating plant - Niles, Michigan
  - Tennessee chemical company plant - Copperhill, Tennessee
  - Demolition landfill - New Brighton, Minnesota
  - Private dump - New Brighton, Minnesota
  - Trio solvents plant - New Brighton, Minnesota
  - Sporting goods manufacturing facility - Tennessee
  - Vehicle maintenance facility - Minnesota
  - Metal parts manufacturing facilities - Germany, Czech Republic, England
  - Electro-mechanical components facility - New York
  - Industrial landfills - Michigan, Texas

- Served as Project Manager for all aspects of remedial investigations at propellant and explosives manufacturing and loading plants. The specific areas of investigation included explosive and propellant manufacture, explosive loading, red and pink water disposal, detonation sites, and explosives burning at the following plants:
  - Joliet Army Ammunition Plant - Elwood, Illinois (NPL site)
  - Iowa Army Ammunition Plant - Burlington, Iowa
  - Badger Army Ammunition Plant - Baraboo, Wisconsin
  - Louisiana Army Ammunition Plant - Doyline, Louisiana (NPL site)
  - Cornhusker Army Ammunition Plant - Grand Island, Nebraska (NPL site)
  - Twin Cities Army Ammunition Plant - New Brighton, Minnesota (NPL site)

Environmental Assessments/Audits

- Performed environmental assessments for acquisition, secured financing or compliance at the following facilities:
  - Flour mills in Minnesota, North Dakota, Iowa, Wisconsin, Pennsylvania, Texas, Louisiana, Utah, Massachusetts, Tennessee, Virginia, Kansas, California, Florida
  - Animal feed mills in Minnesota, Texas, Virginia, North Carolina, Georgia, Pennsylvania, Kentucky, Arizona
  - Animal slaughtering/food processing facilities in Texas, Virginia, North Carolina, Kentucky, California
  - Electronic component manufacturing facilities - Minnesota, Pennsylvania
  - Explosive loading plants - Illinois, Iowa, Tennessee, Arkansas
  - Solid fiberboard and paper mills - California, Vermont, Michigan, Minnesota, Illinois, Missouri
  - Metals fabrication and die casting plants - Illinois, North Carolina
  - Metals fabrication facilities - Ohio, South Carolina, Illinois, Brazil, Germany, England, Czech Republic, Missouri, Nevada, New York, Indiana
  - Chemical formulation plants - Illinois, England, Ireland
  - Manufacturing and warehouse facilities - Illinois, Indiana, Wisconsin, Georgia, Texas, Pennsylvania, California
  - Food production, processing, and packaging plants - Indiana, Louisiana, Minnesota, Ohio, New York, California, Illinois
  - Construction equipment maintenance facilities - Georgia, Minnesota, Washington, Illinois
  - Industrial equipment manufacturing facilities - Ohio
  - Soft drink bottling plants - Arkansas, North Carolina, South Carolina, Tennessee, Belgium
  - Soft drink distribution facilities - Arkansas, North Carolina, South Carolina, Tennessee, Texas, Belgium
  - Heavy equipment manufacturing plants - Illinois, Wisconsin, Indiana
  - Commercial munitions, production and testing facilities - Ohio, Pennsylvania, Florida, New Mexico, Tennessee
  - Medical equipment manufacturing facilities - Connecticut, Puerto Rico
  - Cement plants - Iowa, Mississippi, Missouri
  - Precision metals fabrication plants - Michigan, Illinois, Indiana, Pennsylvania

- Chemical manufacturing plants - Tennessee, Wisconsin
- Athletic and swimming facilities - Minnesota
- Waste derived fuel plants - Missouri, Kansas, Indiana, Pennsylvania, Maryland
- Cabinet manufacturing plants - Texas, Kentucky, Iowa, Minnesota, Ohio
- Photo processing facilities - Minnesota, Missouri, Netherlands, Kansas
- Photographic film manufacturing facilities - United Kingdom, Germany, Switzerland
- Corrugated box plants - South Carolina, Georgia, Alabama, Tennessee
- Fiberboard partition plants - Maine, New Jersey, Wisconsin, Quebec, Iowa, Minnesota, Massachusetts
- Hazardous waste blending facilities - Ohio
- Plastic extrusion and molding plants - Germany, Michigan, Minnesota
- Window and door manufacturing facilities - Wisconsin, Michigan, Iowa
- Furniture manufacturing facilities - North Carolina, Ohio, Pennsylvania, Virginia
- Foundries - Michigan, Illinois, Ohio, Pennsylvania, Tennessee, Mexico
- Photographic chemical and plate manufacturing - Germany, Switzerland, England
- Chemical processing facilities - United States, Australia, Korea, Japan

Remedial Designs or Remedial Construction Supervision

- Served as Project Manager for the design and/or construction of the following remedial actions:
  - Groundwater collection tile, extraction, and VOC treatment system - (NPL site) New Brighton, Minnesota
  - Extraction well and VOC treatment system - (NPL site) New Brighton, Minnesota
  - 2,900 GPM groundwater extraction, VOC treatment and recharge system - (NPL site) New Brighton, Minnesota
  - Excavation and on-site contained storage of 12,000 tons of PCB contaminated soil - (NPL site) New Brighton, Minnesota
  - Groundwater Extraction and Discharge System - New Brighton, Minnesota
  - Excavation and off-site disposal of metals contaminated soils - New Brighton, Minnesota
  - Decontamination and off-site disposal of PCB equipment and oils - New Brighton, Minnesota
  - Decontamination of PCB contaminated plant areas - Lafayette, Indiana
  - Excavation and off-site disposal of over 100,000 tons of organics contaminated soil (NPL site) - New Jersey
  - Industrial sewer cleaning and sludge handling project involving VOCs, PCBs and metals - (NPL site) New Brighton, Minnesota
  - Excavation and off-site disposal of lead contaminated soils - Minneapolis, Minnesota
  - PCB soil contamination site - Iowa
  - Soil vapor extraction system for VOC removal - Wisconsin
  - Air sparging system for VOC removal - Minnesota
  - VOC air stripping water treatment system - New Jersey
  - Excavation, on-site separation and off-site disposal of contaminated soils - Fridley, Minnesota
  - Soil vapor extraction system for VOC removal - Germany

- Wastewater lagoon closure - Michigan

Environmental Compliance at Industrial Facilities

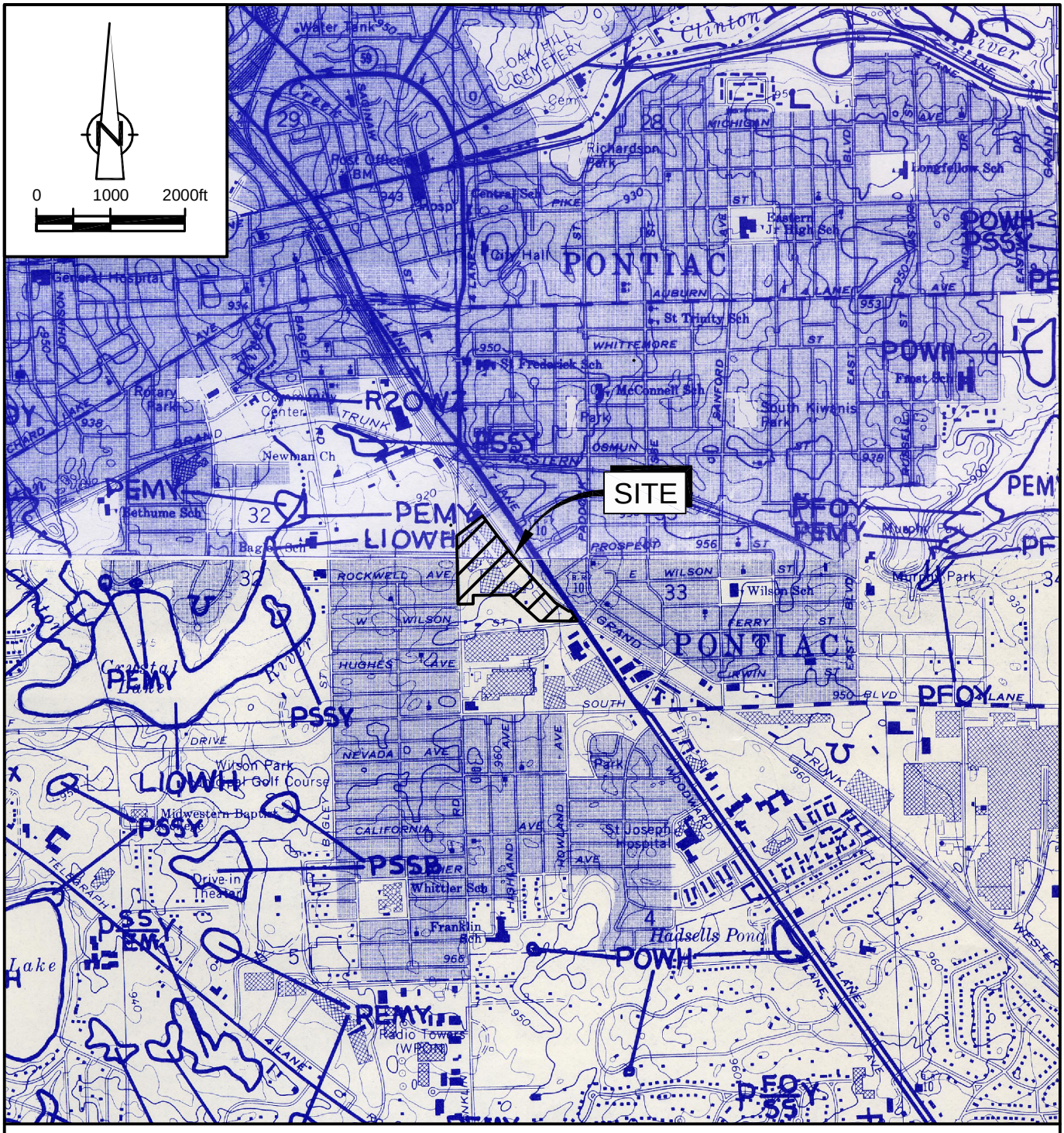
- Responsible for environmental compliance at multi-facility division of Honeywell, Inc. including:
  - Prepared permit applications for hazardous waste treatment and storage facilities
  - Developed in-plant hazardous waste management procedures for division
  - Developed RCRA training programs for treatment and storage facilities
  - Managed in-house hazardous waste generation, treatment, storage, and disposal program for six manufacturing facilities
  - Developed in-plant spill response procedures for manufacturing facilities
  - Prepared industrial discharge (POTW) permit applications for manufacturing plants and remedial actions
  - Prepared NPDES permits for remedial actions
- Performed multi-media compliance audits at the following types of industrial facilities:
  - Chemical manufacturing, chemical formulation, explosives loading, metal parts manufacturing, primary and secondary steel manufacturing, paper manufacturing, furniture and cabinet manufacturing, and miscellaneous manufacturing

Technical Support for Litigation and Administrative Orders

- Provided the following technical expert services in conjunction with permitting and litigation issues:
  - Assisted PRP at VOC contaminated groundwater site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment, groundwater modeling, records of decision, consent orders - NPL site in Minnesota
  - Assisted PRP at VOC and PCB contaminated site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment and administrative orders - Illinois
  - Assisted PRP group at mixed municipal and demolition landfill consisting of review and comment on; remedial investigation, remedial objectives and remedial cost estimates - NPL site in Minnesota
  - Assisted industrial client in negotiation of administrative and judicial orders for investigation and implementation of corrective actions at a mining and chemical manufacturing facility - Tennessee
  - Assisted township in removing a potential landfill site from final consideration list - Minnesota
  - Assisted PRP group at mixed municipal landfill consisting of RD/RA Scope of Work negotiations, remedial cost estimates, allocation negotiations and mediation - NPL site in Minnesota
  - Assisted industrial clients in negotiation of contribution claims for past releases on property - Iowa, Texas, Tennessee, Minnesota, Wisconsin, Idaho, Pennsylvania, Illinois, Indiana
  - Assisted industrial client with evaluation of compliance and recommended corrective measures in response to potential litigation - Mississippi
  - Technical expert for an industrial client with PCB risk issues from former industrial disposal site under litigation - Michigan
  - Technical expert for industrial client regarding acquisition due diligence

APPENDIX B

NATIONAL WETLANDS INVENTORY MAP



SOURCE: NATIONAL WETLANDS INVENTORY MAP
PONTIAC NORTH & SOUTH, MICHIGAN



PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

figure B.1

NATIONAL WETLANDS INVENTORY MAP
PHASE I ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

CBA

17322-06(007)GN-WA005 APR 10/2009

APPENDIX C

LOCAL ZONING PLANS

Zoning Map
City of Pontiac, MI

Legend

Zoning

- C-O Office Business
- C-1 Local Business
- C-2 Central Business
- C-3 Fringe C.B.D and Thoroughfare Frontage Business
- Town Center
- C-C Civic Center
- GOT Government Office Technical District
- IP-1 Industrial Park
- M-1 Light Manufacturing
- M-2 Heavy Manufacturing
- MUD Mixed Use District
- P-1 Parking
- R-O Recreation Open Space
- R1A Medium Lot One Family Dwelling
- R1B Large Lot One Family Dwelling
- R-1 One Family Dwelling
- R-2 Two Family and Terrace Family Dwelling
- R-3 Multiple Family Dwelling
- R-4 Multiple Family Dwelling Elevator Apartment
- R-5 Trailer Coach Park
- Lakes

2

0 0.15 0.3 0.6 Miles

Ordinance No. 944-72 as amended.
Adopted: December 20, 1938
Amended: August 26, 2005

APPENDIX D

DATABASE SEARCH RESULTS

017322 - Pontiac, MI (1)
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 2398860.1s
January 14, 2009

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

COORDINATES

Latitude (North):	42.625000 - 42° 37' 30.0''
Longitude (West):	83.286500 - 83° 17' 11.4''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312492.3
UTM Y (Meters):	4721493.0
Elevation:	940 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

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
GENERAL MOTORS CO NORTH AMERICAN 200 SOUTH BOULEVARD PONTIAC, MI 48341	RCRA-SQG FINDS RCRA-TSDF CORRACTS	MID980568836
GENERAL MOTORS CORP. - TRUCK PROD 200 SOUTH BOULEVARD WEST PONTIAC, MI 48341	AIRS	N/A
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

EXECUTIVE SUMMARY

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

NPDES

N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

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

Federal CERCLIS list

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

Federal 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

State and tribal institutional control / engineering control registries

AUL ---------- Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

State and tribal Brownfields sites

BROWNFIELDS ---------- Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
CDL ---------- Clandestine Drug Lab Listing

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

EXECUTIVE SUMMARY

DRYCLEANERS..... Drycleaning Establishments
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PWS..... Public Water System Data

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 12/03/2007 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 1/4 - 1/2 (0.465 mi.)	33	79

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 09/10/2008 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	NW 0 - 1/8 (0.005 mi.)	B8	25
AKZO NOBEL COATINGS INC	***25 BRUSH ST***	***NW 1/8 - 1/4 (0.173 mi.)***	***18***	***38***
AKZO NOBEL COATINGS INC	***27 BRUSH ST***	***NW 1/8 - 1/4 (0.218 mi.)***	***D22***	***50***
AKZO NOBEL COATINGS INC	***30 BRUSH ST***	***NW 1/8 - 1/4 (0.222 mi.)***	***23***	***56***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/10/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUN VALLEY PROPERTIES INC	45108 WOODWARD AVE	SE 1/8 - 1/4 (0.214 mi.)	21	48

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 09/10/2008 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WOODWARD MOTOR MALL INC	45751 WOODWARD AVE	0 - 1/8 (0.000 mi.)	7	23
INDUSTRIAL VEHICLE SALES	***45896 WOODWARD***	***NW 0 - 1/8 (0.103 mi.)***	***16***	***34***

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 11/13/2008 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***	***NW 0 - 1/8 (0.005 mi.)***	***B9***	***28***
Facility Status: Evaluation in progress				
PONTIAC MANUFACTURED GAS PLANT	***55 WESSEN STREET***	***NW 1/4 - 1/2 (0.415 mi.)***	***E28***	***73***
Facility Status: Inactive - no actions taken to address contamination				
AMERICAN FORGE AND SOCKET	150-160 BRANCH	WNW 1/2 - 1 (0.663 mi.)	38	82
Facility Status: No status assigned				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 12/01/2008 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PONTIAC FUEL INC Facility Status: Open	***45054 WOODWARD RD***	***SE 1/8 - 1/4 (0.243 mi.)***	***24***	***62***
PONTIAC STATION #2 PONTIAC FIR Facility Status: Open	***348 SOUTH BLVD W***	***SSW 1/4 - 1/2 (0.295 mi.)***	***25***	***67***
BORON OIL - PONT BULK #782 Facility Status: Open	***369 RAEBURN ST***	***ENE 1/4 - 1/2 (0.463 mi.)***	***32***	***75***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDERSON COMPANIES WAREDHOUSE Facility Status: Open	***37 TURK ST***	***NNE 0 - 1/8 (0.034 mi.)***	***C12***	***31***
DEPARTMENT OF PUBLIC WORKS Facility Status: Open Facility Status: Open	***55 WESSON ST***	***NW 1/4 - 1/2 (0.415 mi.)***	***E27***	***68***
GM TRUCK & BUS EAST Facility Status: Closed	31 E JUDSON ST	NNW 1/4 - 1/2 (0.454 mi.)	31	74
VACANT LOT Facility Status: Closed	***147 S SAGINAW***	***NNW 1/4 - 1/2 (0.477 mi.)***	***F34***	***79***

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 12/01/2008 has revealed that there are 3 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***	***SE 1/8 - 1/4 (0.243 mi.)***	***24***	***62***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDERSON COMPANIES WAREDHOUSE	***37 TURK ST***	***NNE 0 - 1/8 (0.034 mi.)***	***C12***	***31***
LOWRY TIRE CO	370 SOUTH SAGINAW	NNW 0 - 1/8 (0.043 mi.)	14	32

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

A review of the AST list, as provided by EDR, and dated 06/23/2008 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	E 0 - 1/8 (0.079 mi.)	15	33

ADDITIONAL ENVIRONMENTAL RECORDS

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 11/19/2008 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 1/2 - 1 (0.632 mi.)	37	82

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 09/10/2008 has revealed that there are 4 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***	***SSE 0 - 1/8 (0.031 mi.)***	***11***	***29***
GENERAL MOTORS CORPORATION	***275 FRANKLIN ST***	***S 0 - 1/8 (0.112 mi.)***	***17***	***37***
CRESTVIEW CADILLAC - SUBARU	***675 S SAGINAW***	***SE 1/8 - 1/4 (0.192 mi.)***	***19***	***44***

Lower Elevation	Address	Direction / Distance	Map ID	Page
EPOXI TECH	***8 BRUSH ST***	***NW 1/8 - 1/4 (0.211 mi.)***	***D20***	***46***

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 12/08/2008 has revealed that there are 6 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLO-CO PONTIAC PROPERTY	45700 WOODWARD AVENUE	NE 0 - 1/8 (0.006 mi.)	10	29

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HEAT TREAT SERVICES, INC.	245 SOUTH BOULEVARD	SE 1/4 - 1/2 (0.327 mi.)	26	68
STOR-MOR PROPERTY	350-400 SOUTH BOULEVARD	ESE 1/4 - 1/2 (0.417 mi.)	30	74
PARTS PACKAGING	391 E. WILSON AVENUE	ENE 1/4 - 1/2 (0.485 mi.)	36	81

Lower Elevation	Address	Direction / Distance	Map ID	Page
R. A. MILLER HOLDING, LLC	37 TURK	NNE 0 - 1/8 (0.034 mi.)	C13	32
PONTIAC PLACE	140 SOUTH SAGINAW STREE	NNW 1/4 - 1/2 (0.483 mi.)	F35	81

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.

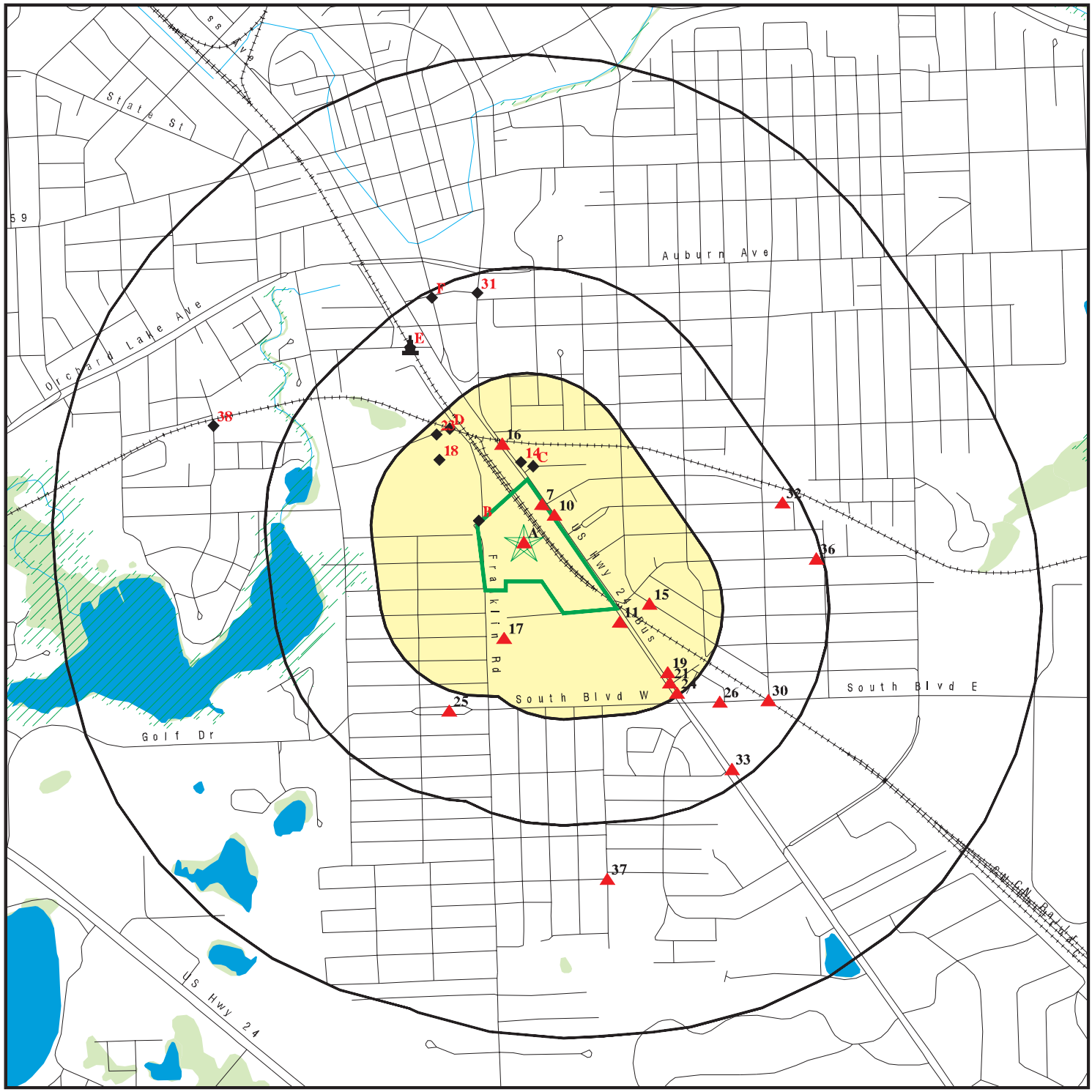
Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY GAS WORKS	55 WESSEN STREET	NW 1/4 - 1/2 (0.415 mi.)	E29	73

EXECUTIVE SUMMARY

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

Site Name	Database(s)
SHELL DRY WELL 1 TELEGRAPH	SHWS
GM TRUCK AND BUS PONTIAC CENTRAL	SHWS
ASPHALT SPECIALIST INC	SHWS, DEL SHWS
SUN VALLEY PROPERTIES	BROWNFIELDS
FORMER WINTER PROPERTY	LUST, UST
PONTIAC WEST ASSEMBLY	LUST, UST
EXPANSION FUNDS INC	LUST
SUN VALLEY PROPERTIES INC	LUST, UST
ASANTES PROPERTIES LLC	LUST, UST
WOODWARD OFFICE PLAZA	LUST, UST
SPEEDY MUFFLER KING	LUST, UST
120 FRANKLIN STREET	AST
MI DEPT/TRANSPORTATION	RCRA-NonGen
MI DEPT/TRANSPORTATION	FINDS, RCRA-NonGen
GENERAL MOTORS TRUCK PONTIAC CENTR	ERNS
PONTIAC STATION	ERNS
MI DEPT/TRANSPORTATION	FINDS
OAKLAND CO. SERVICE CENTER - CENTR	FINDS
KALTAR CORPORATION - 1ST PETITIONE	BEA
PONTIAC HOLDINGS, LLC	BEA
MANVILLE MANUFACTURING COMPANY	BEA
LANDSTONE PONTIAC PARTNERS LLC	BEA
PONTIAC NORTH CAMPUS / FORMER GM F	BEA
PONTIAC CENTER, LLC	BEA
PONTIAC CITY OF	BEA
PONTIAC WASTE WATER TREATMENT	SPILLS
PONTIAC WASTE WATER TREATMENT PLAN	SPILLS
PONTIAC STORAGE	DEL SHWS

OVERVIEW MAP - 2398860.1s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

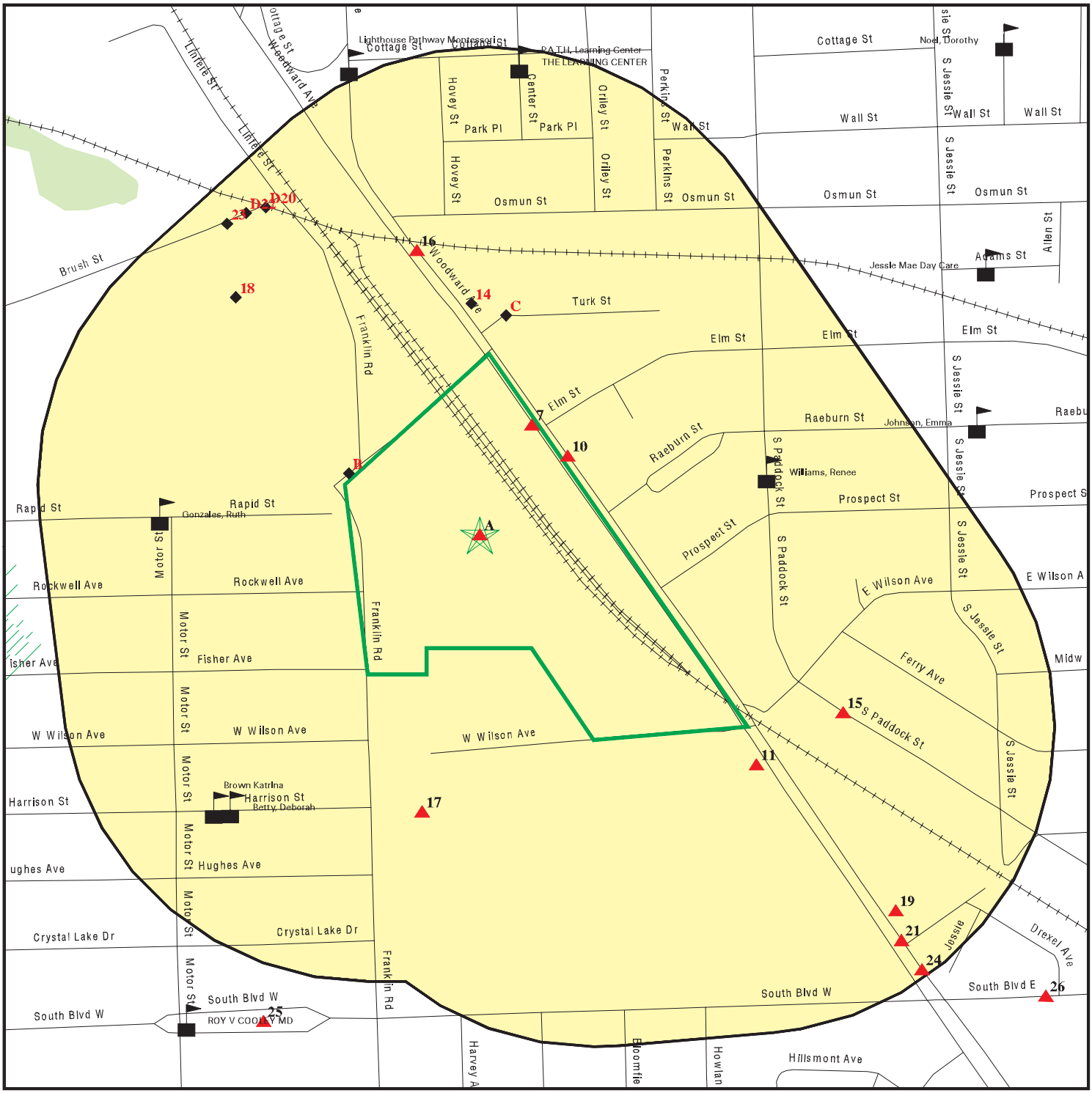
National Wetland Inventory

State Wetlands

SITE NAME:	017322 - Pontiac, MI (1)	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Kelly Connolly
		INQUIRY #:	2398860.1s
LAT/LONG:	42.6250 / 83.2865	DATE:	January 14, 2009 2:20 pm

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DETAIL MAP - 2398860.1s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- 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

SITE NAME:	017322 - Pontiac, MI (1)	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Kelly Connolly
		INQUIRY #:	2398860.1s
LAT/LONG:	42.6250 / 83.2865	DATE:	January 14, 2009 2:20 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	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	X	1.000	0	0	0	0	NR	0
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	1	NR	NR	NR	1
RCRA-CESQG		0.250	2	0	NR	NR	NR	2
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	1	1	5	NR	NR	7
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	2	1	NR	NR	NR	3
AST	X	0.250	1	0	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 institutional control / engineering control registries								
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	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	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	0	1	NR	1
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	2	2	NR	NR	NR	4
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

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
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
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	2	0	4	NR	NR	6
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PWS		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	1	0	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
Actual: 940 ft.

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

Site 1 of 6 in cluster A

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

EDR ID Number: 1000213200
EPA ID Number: MID980568836

RCRA-SQG:

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

Owner/Operator Summary:

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

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

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

Owner/operator name:	GENERAL MOTORS CORPORTATION

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: 2005

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 24800

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: 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 - 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: 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: LDR - General
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 - 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: 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

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

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

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and

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

their precursors, as well as hazardous air pollutants (HAPs).

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

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

CORRACTS:

EPA ID: MID980568836
EPA Region: 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
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

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

Original schedule date: Not reported
Schedule end date: Not reported

NY MANIFEST:

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

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

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:
940 ft.

AIRS:

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

A3 **GMC PONTIAC CENTERPOINT CAMPUS - VALIDATION** **AIRS** **S107697601**
Target **200 SOUTH BOULEVARD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 3 of 6 in cluster A

Actual:
940 ft.

AIRS:

State Registration Number:	B4033
Naics Code:	336112
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Permit Number:	Not reported
Date Received:	Not reported
State Registration Number:	B4033
Country:	USA
RID:	Not reported
Application Reason:	Not reported
Record Type:	SI
State County FIPS:	26125
Facility Category:	01
SIC Primary:	3711
Site Description:	Not reported
NTI Site ID:	Not reported
Dunn&Bradstreet No:	Not reported
TRIID:	Not reported
Submittal Flag:	Not reported
Tribal Code:	000

GMC PONTIAC CENTERPOINT CAMPUS - VALIDATION (Continued) **S107697601**

EI Year: 2003

A4 **GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN** **AST** **A100282612**
Target **200 SOUTH BLVD WEST** **N/A**
Property **PONTIAC, MI 48341**

Site 4 of 6 in cluster A

Actual:
940 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:	T1
Tank Status:	Currently In Use
Capacity:	1500
Install Date:	Sep 3 1996
Content:	CL-GAS
Close Date:	Not reported

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
Content:	FL-GAS
Close Date:	Not reported

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

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

Capacity: 5000
Install Date: Sep 3 1996
Content: FL-GAS
Close Date: Not reported

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
Content: FL-GAS
Close Date: Not reported

A5 **200 S BLVD W** **ERNS** **99606911**
Target Property **200 S BLVD W** **N/A**
PONTIAC, MI 48341

Site 5 of 6 in cluster A

Actual: 940 ft.

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

A6 **GM PONTIAC CENTERPOINT CAMPUS** **NPDES** **S107792194**
Target Property **200 SOUTH BOULEVARD WEST** **N/A**
PONTIAC, MI 48341

Site 6 of 6 in cluster A

Actual: 940 ft.

MI NPDES:
Permit Number: MIS110423
Permitee PO Box: N
Permitee Email: Not reported
Facility Addr2: 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

GM PONTIAC CENTERPOINT CAMPUS (Continued) **S107792194**

Lat Type Code: LAT
Longitude: -83.286388000000002
Lon Direction: W
Lon Type Code: LON
Hydrologic Unit Code: 4090003

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7 **WOODWARD MOTOR MALL INC** **RCRA-CESQG** **1007880249**
45751 WOODWARD AVE **MIK544634124**
< 1/8 **PONTIAC, MI 48341**
1 ft.

Relative: Higher

Actual: 946 ft.

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 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

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

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
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

B8
NW
< 1/8
0.005 mi.
24 ft.

AKZO NOBEL COATINGS INC
120 FRANKLIN RD
PONTIAC, MI 48341

Site 1 of 2 in cluster B

RCRA-LQG **1007101454** **MIK978481398**

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
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

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

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:	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

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

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
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: 2005

Annual Waste Handled:
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): 635675.2

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): 101810

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/21/2004

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

Date achieved compliance: 11/16/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/2004
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

Evaluation Action Summary:
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

B9 **AKZO NOBEL COATINGS INC** **SHWS S107697646**
NW **120 FRANKLIN ROAD** **AIRS N/A**
< 1/8 **PONTIAC, MI 48341**
0.005 mi.
24 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
929 ft.

SHWS:
Facility ID: 63001092
Source: Paints & Allied Products
SAM Score: 30 out of 48
SAM Score Date: 01/26/2004
Township: 63
Range: T3N
Section: 10
Quarter: 32
Quarter/Quarter: AD
Facility Status: Evaluation in progress
Pollutant(s): 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
RID: Not reported
Application Reason: CONSOLIDATE MANF. PROCESS, SYNTHETIC MINOR OPT-OUT
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Site Description: Not reported
NTI Site ID: Not reported

AKZO NOBEL COATINGS INC (Continued) **S107697646**

Dunn&Bradstreet No: Not reported
TRIID: Not reported
Submittal Flag: Not reported
Tribal Code: Not reported
EI Year: Not reported

10
NE
< 1/8
0.006 mi.
30 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

11
SSE
< 1/8
0.031 mi.
166 ft.

CONSUMERS ENERGY - FRANKLIN SUBSTATION **FINDS** **1000375564**
68 W WILSON ST **RCRA-NonGen** **MID981954225**
PONTIAC, MI 48340

Relative:
Higher

Actual:
959 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

RCRA-NonGen:
Date form received by agency: 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

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

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
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

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

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

C12 **ANDERSON COMPANIES WAREDHOUSE** **LUST U002302754**
NNE **37 TURK ST** **UST N/A**
< 1/8 **PONTIAC, MI 48341**
0.034 mi.
181 ft. **Site 1 of 2 in cluster C**

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
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

ANDERSON COMPANIES WAREDHOUSE (Continued) **U002302754**

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

C13 **R. A. MILLER HOLDING, LLC** **BEA** **S104912303**
NNE **37 TURK** **N/A**
< 1/8 **PONTIAC, MI**
0.034 mi.
181 ft. **Site 2 of 2 in cluster C**

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

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14 **LOWRY TIRE CO** **UST** **U003321315**
NNW **370 SOUTH SAGINAW** **N/A**
< 1/8 **PONTIAC, MI 48053**
0.043 mi.
228 ft.

Relative:
Lower

Actual:
939 ft.

UST:

Facility ID:	00008475
Facility Type:	CLOSED
Latitude:	42.6271590000

LOWRY TIRE CO (Continued) **U003321315**

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

15
East
< 1/8
0.079 mi.
416 ft.

EASTERN OIL **AST** **1001156259**
590 S PADDOCK ST **N/A**
PONTIAC, MI 48341

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:	9
Tank Status:	Currently In Use
Capacity:	18000
Install Date:	Not reported
Content:	Hazardous Substance
Close Date:	Not reported

Type:	ACTIVE
Owner Name:	Eastern Oil

EASTERN OIL (Continued) **1001156259**

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
Content: FL- KEROSINE
Close Date: Not reported

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
Content: FL- DEISEL
Close Date: Not reported

16
NW
< 1/8
0.103 mi.
542 ft.

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

Relative:
Higher

Actual:
941 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

RCRA-CESQG:
Date form received by agency: 09/27/2004
Facility name: INDUSTRIAL VEHICLE SALES
Facility address: 45896 WOODWARD
PONTIAC, MI 48341
EPA ID: MID121517890

INDUSTRIAL VEHICLE SALES (Continued) **1000428262**

Contact: GAIL HOGG
Contact address: 45896 WOODWARD
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 338-1590
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

INDUSTRIAL VEHICLE SALES (Continued) **1000428262**

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

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

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

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

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

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

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

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

Historical Generators:
Date form received by agency: 01/08/2003
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

17
South
< 1/8
0.112 mi.
589 ft.

GENERAL MOTORS CORPORATION
275 FRANKLIN ST
PONTIAC, MI 48341

FINDS **1000134881**
RCRA-NonGen **MIT270010127**

Relative:
Higher

Actual:
948 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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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
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

GENERAL MOTORS CORPORATION (Continued) **1000134881**

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

18
NW
1/8-1/4
0.173 mi.
912 ft.

AKZO NOBEL COATINGS INC **FINDS 1000310962**
25 BRUSH ST **RCRA-LQG MID000647024**
PONTIAC, MI 48341

Relative:
Lower

Actual:
922 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

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

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

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

RACT/BACT/LAER Clearinghouse (RBLC) data base 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.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

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

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

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
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

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

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

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

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

Date form received by agency: 08/12/1980
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2005

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 63144.1

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): 112914.8

Facility Has Received Notices of Violations:

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

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

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
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: 09/30/1994
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

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

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/13/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
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 - Manifest
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 - General
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

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19
SE
1/8-1/4
0.192 mi.
1013 ft.

CRESTVIEW CADILLAC - SUBARU
675 S SAGINAW
PONTIAC, MI 48341

FINDS **1000390143**
RCRA-NonGen **MID981797483**

Relative:
Higher

Actual:
961 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

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
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

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

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

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

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

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

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

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

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

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

Violation Status: No violations found

D20 **EPOXI TECH** **FINDS** **1001817557**
NW **8 BRUSH ST** **RCRA-NonGen** **MIR000042697**
1/8-1/4 **PONTIAC, MI 48341**
0.211 mi.
1112 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
934 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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RCRA-NonGen:
Date form received by agency: 03/08/2000
Facility name: EPOXI TECH
Facility address: 8 BRUSH STREET

EPOXI TECH (Continued) **1001817557**

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
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

EPOXI TECH (Continued) **1001817557**

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

21
SE
1/8-1/4
0.214 mi.
1131 ft.

SUN VALLEY PROPERTIES INC **RCRA-SQG** **1010785221**
45108 WOODWARD AVE **MIK567542345**
PONTIAC, MI 48341

Relative:
Higher

Actual:
962 ft.

RCRA-SQG:
Date form received by agency: 03/04/2008
Facility name: SUN VALLEY PROPERTIES INC
Facility address: 45108 WOODWARD AVE
PONTIAC, MI 48341
EPA ID: MIK567542345
Contact: RICHARD BOUCHARD
Contact address: 45108 WOODWARD AVE
PONTIAC, MI 48341
Contact country: Not reported
Contact telephone: (248) 866-0528
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

SUN VALLEY PROPERTIES INC (Continued) **1010785221**

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:	SUN VALLEY PROPERTIES INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1985
Owner/Op end date:	Not reported

Owner/operator name:	SUN VALLEY PROPERTIES INC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1985
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

SUN VALLEY PROPERTIES INC (Continued) **1010785221**

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: 12/31/2007
Facility name: SUN VALLEY PROPERTIES INC
Classification: Small Quantity Generator

Date form received by agency: 11/07/2007
Facility name: SUN VALLEY PROPERTIES INC
Classification: Small Quantity Generator

Violation Status: No violations found

D22 **AKZO NOBEL COATINGS INC** **RCRA-LQG** **1000324805**
NW **27 BRUSH ST** **TRIS** **48341KZCTN25**
1/8-1/4 **PONTIAC, MI 48341**
0.218 mi.
1150 ft. **Site 2 of 2 in cluster D**

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

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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
	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

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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

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

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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
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: 2005

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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):	8478.4
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	2130
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	74
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):	1832141.5
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):	58222.1

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

AKZO NOBEL COATINGS INC (Continued) **1000324805**

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
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

AKZO NOBEL COATINGS INC (Continued) **1000324805**

Evaluation Action Summary:

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
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 - 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 - Manifest
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

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23 **AKZO NOBEL COATINGS INC** **FINDS** **1000310961**
NW **30 BRUSH ST** **RCRA-LQG** **48053KZCTN30**
1/8-1/4 **PONTIAC, MI 48341** **TRIS**
0.222 mi.
1171 ft.

Relative:
Lower

Actual:
931 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

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

The NEI (National Emissions Inventory) database contains information

AKZO NOBEL COATINGS INC (Continued) **1000310961**

on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

RACT/BACT/LAER Clearinghouse (RBLC) data base 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.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

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

Owner/Operator Summary:

Owner/operator name:	AKZO NOBEL COATINGS INC
Owner/operator address:	Not reported Not reported

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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

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

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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

Date form received by agency: 08/11/1980
Facility name: AKZO NOBEL COATINGS INC
Classification: Large Quantity Generator

AKZO NOBEL COATINGS INC (Continued) **1000310961**

Biennial Reports:

Last Biennial Reporting Year: 2005

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	182151.8
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	3400.7
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	1424.4
Waste code:	D026
Waste name:	CRESOL
Amount (Lbs):	458.7
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):	193035.9
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):	284544.6

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

AKZO NOBEL COATINGS INC (Continued) **1000310961**

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:	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

24
SE
1/8-1/4
0.243 mi.
1285 ft.

PONTIAC FUEL INC **LUST U003322334**
45054 WOODWARD RD **UST N/A**
PONTIAC, MI 48341

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

PONTIAC FUEL INC (Continued) **U003322334**

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

Tank ID: B
Tank Status: **Removed from Ground**
Capacity: 12000
Install Date: Jun 14 1991
Product: Gasoline

PONTIAC FUEL INC (Continued) **U003322334**

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

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

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

PONTIAC FUEL INC (Continued) **U003322334**

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

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 6000
Install Date: May 3 1967
Product: Gasoline,PREMIUM,8
Remove Date: May 17 1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

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

PONTIAC FUEL INC (Continued) **U003322334**

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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25 SSW 1/4-1/2 0.295 mi. 1556 ft.

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

Relative: Higher

Actual: 944 ft.

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

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

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

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26 **HEAT TREAT SERVICES, INC.** **BEA** **S105542002**
SE **245 SOUTH BOULEVARD** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.327 mi.
1727 ft.

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

E27 **DEPARTMENT OF PUBLIC WORKS** **LUST** **U000262872**
NW **55 WESSON ST** **UST** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.415 mi.
2192 ft. **Site 1 of 3 in cluster E**

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
Site Name:	Department Of Public Works
Latitude:	42.6315390000
Longitude:	-83.2923050000

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

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: 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

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 20000

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

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: 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

DEPARTMENT OF PUBLIC WORKS (Continued) **U000262872**

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
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

E28 **PONTIAC MANUFACTURED GAS PLANT** **SHWS** **S107793863**
NW **55 WESSEN STREET** **NPDES** **N/A**
1/4-1/2 **PONTIAC, MI 0null**
0.415 mi.
2192 ft. **Site 2 of 3 in cluster E**

Relative:
Lower

Actual:
932 ft.

SHWS:

Facility ID:	63001017
Source:	Gas Production & Distribution
SAM Score:	32 out of 48
SAM Score Date:	02/12/2004
Township:	null
Range:	null
Section:	null
Quarter:	null
Quarter/Quarter:	null
Facility Status:	**Inactive - no actions taken to address contamination**
Pollutant(s):	null

MI NPDES:

Permit Number:	MIG610023
Permitee PO Box:	N
Permitee Email:	Not reported
Facility Addr2:	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

E29 **CITY GAS WORKS** **Manufactured Gas Plants** **1008408145**
NW **55 WESSEN STREET** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
0.415 mi.
2192 ft. **Site 3 of 3 in cluster E**

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.

30
ESE
1/4-1/2
0.417 mi.
2201 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

31
NNW
1/4-1/2
0.454 mi.
2397 ft.

GM TRUCK & BUS EAST
31 E JUDSON ST
PONTIAC, MI 48342

LUST **S102726265**
N/A

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

32
ENE
1/4-1/2
0.463 mi.
2447 ft.

BORON OIL - PONT BULK #782
369 RAEBURN ST
PONTIAC, MI 48180

LUST **U000262598**
UST **N/A**

Relative:
Higher

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

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:	6
Tank Status:	**Removed from Ground**
Capacity:	15000
Install Date:	Apr 28 1968
Product:	Diesel

BORON OIL - PONT BULK #782 (Continued) **U000262598**

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: 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
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: 10
Tank Status: Removed from Ground
Capacity: 500
Install Date: Apr 28 1968
Product: OIL/WATER SEPAR
Remove Date: Jan 1 1987

BORON OIL - PONT BULK #782 (Continued) **U000262598**

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
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

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: 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

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: 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
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

33
SE
1/4-1/2
0.465 mi.
2453 ft.

PONTIAC MEDICAL ASSOCIATES MERCURY SPILL
44696 WOODWARD
PONTIAC, MI 48341

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)

Site Description: Mercury spill form broken sphymomanometer in a doctor's office. An employee initially cleaned up the spill. After air monitoring was conducted by U.S. EPA, the facility agreed to hire a contractor to clean up the spill.

CERCLIS-NFRAP Assessment History:
Action: POTENTIALLY RESPONSIBLE PARTY 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

F34
NNW
1/4-1/2
0.477 mi.
2520 ft.

VACANT LOT
147 S SAGINAW
PONTIAC, MI 48302

LUST **U003330432**
UST **N/A**

Site 1 of 2 in cluster F

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

VACANT LOT (Continued) **U003330432**

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:	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

Tank ID:	2
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

F35
NNW
1/4-1/2
0.483 mi.
2552 ft.

PONTIAC PLACE
140 SOUTH SAGINAW STREET
PONTIAC, MI 48342

Site 2 of 2 in cluster F

BEA **S107466673**
N/A

Relative:
Lower

Actual:
931 ft.

BEA:

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

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

36
ENE
1/4-1/2
0.485 mi.
2560 ft.

PARTS PACKAGING
391 E. WILSON AVENUE
PONTIAC, MI

BEA **S104910825**
N/A

Relative:
Higher

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

37
South
1/2-1
0.632 mi.
3336 ft.

HOWLAND & LUTHER STREETS
HOWLAND / LUTHER
PONTIAC, MI 48341

Database(s): **DEL SHWS**
EDR ID Number: **S105966048**
EPA ID Number: **N/A**

Relative:
Higher

Actual:
984 ft.

DELETED HWS:
Facility ID: 63001014
Status: Delisted - no longer meets criteria specified in rules

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38
WNW
1/2-1
0.663 mi.
3502 ft.

AMERICAN FORGE AND SOCKET
150-160 BRANCH
PONTIAC, MI 0null

Database(s): **SHWS**
EDR ID Number: **S108959528**
EPA ID Number: **N/A**

Relative:
Lower

Actual:
929 ft.

SHWS:
Facility ID: 63005228
Source: Fabricated Metal Products
SAM Score: 22 out of 48
SAM Score Date: 08/16/2004
Township: null
Range: null
Section: null
Quarter: null
Quarter/Quarter: null
Facility Status: No status assigned
Pollutant(s): null

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMFIELD HILLS	S103594527	SHELL DRY WELL 1 TELEGRAPH	1415 TELEGRAPH @ GOLF	48302	SHWS
PONTIAC	S104912198	KALTAR CORPORATION - 1ST PETITIONE	(ALSO REFER TO CARDINAL AUTOMO		BEA
PONTIAC	S105966042	PONTIAC STORAGE	-0-	48341	DEL SHWS
PONTIAC	1010458383	MI DEPT/TRANSPORTATION	US 24 FROM ORCHARD LAKE	48341	FINDS
PONTIAC	1010319758	MI DEPT/TRANSPORTATION	US 24 FROM ORCHARD LAKE	48341	RCRA-NonGen
PONTIAC	S105768598	PONTIAC HOLDINGS, LLC	25 ACRE VACANT PROPERTY		BEA
PONTIAC	S106676457	MANVILLE MANUFACTURING COMPANY	341 AND 342 ROCKWELL AVENUE	48341	BEA
PONTIAC	1000465321	MI DEPT/TRANSPORTATION	US-10 AT ORCHARD LAKE RD	48341	FINDS, RCRA-NonGen
PONTIAC	1003834459	GM TRUCK AND BUS PONTIAC CENTRAL	660 S. BLVD. E	48341	SHWS
PONTIAC	U003758789	FORMER WINTER PROPERTY	560 S BOULEVARD EAST	48341	LUST, UST
PONTIAC	S107466649	LANDSTONE PONTIAC PARTNERS LLC	SOUTHEAST CORNER OF SANDERSON		BEA
PONTIAC	A100319814	120 FRANKLIN STREET	120 FRANKLIN ST	48341	AST
PONTIAC	94386566	GENERAL MOTORS TRUCK PONTIAC CENTR	GENERAL MOTORS TRUCK PONTIAC C		ERNS
PONTIAC	S109171477	PONTIAC NORTH CAMPUS / FORMER GM F	711 NORTH GLENWOOD		BEA
PONTIAC	S109258687	PONTIAC WASTE WATER TREATMENT	274 MARTIN LUTHER KING BLVD.		SPILLS
PONTIAC	S108895970	PONTIAC CENTER, LLC	NEC OF MARTIN LUTHER KING JR.	48341	BEA
PONTIAC	S109258689	PONTIAC WASTE WATER TREATMENT PLAN	155 OPDYKE		SPILLS
PONTIAC	2002598920	PONTIAC STATION	PONTIAC STATION		ERNS
PONTIAC	U000262918	PONTIAC WEST ASSEMBLY	600 S SAGINAW ST	48341	LUST, UST
PONTIAC	S102851904	EXPANSION FUNDS INC	447 S SAGINAW	48341	LUST
PONTIAC	U001148635	SUN VALLEY PROPERTIES INC	675 S SAGINAW ST	48341	LUST, UST
PONTIAC	1008222792	OAKLAND CO. SERVICE CENTER - CENTR	1200 NORTH TELEGRAPH BUILDING	48341	FINDS
PONTIAC	S104912438	PONTIAC CITY OF	VACANT 9-ACRE PROPERTY NE CORN		BEA
PONTIAC	S105144543	ASPHALT SPECIALIST INC	1908 WIDE TRACK DRIVE	48342	SHWS, DEL SHWS
PONTIAC	U003160717	ASANTES PROPERTIES LLC	590 WIDE TRACK DRIVE EAST	48342	LUST, UST
PONTIAC	S107135866	SUN VALLEY PROPERTIES	45108 WOODWARD AVENUE (FORMERL	48341	BROWNFIELDS
PONTIAC	U001147877	WOODWARD OFFICE PLAZA	800 WOODWARD AVE	48341	LUST, UST
PONTIAC	U001147975	SPEEDY MUFFLER KING	810 WOODWARD AVE	48341	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 53

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/21/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/13/2008
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 Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/20/2008
Date Data Arrived at EDR: 11/21/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
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: 12/02/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 11/18/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 34
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 20
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 27
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

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: 12/01/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/23/2008
Date Data Arrived at EDR: 06/30/2008
Date Made Active in Reports: 08/18/2008
Number of Days to Update: 49

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 11/18/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008
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 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/01/2008
Date Data Arrived at EDR: 12/04/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 19

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 27

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 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: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

Date of Government Version: 10/13/2008
Date Data Arrived at EDR: 10/14/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 38

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
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: 12/16/2008
Date Data Arrived at EDR: 12/17/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

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

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28
Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 12/22/2008
Next Scheduled EDR Contact: 03/23/2009
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: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 07/01/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 03/23/2009
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: 11/19/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 48
Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 3
Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 11/03/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 08/14/2008
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

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: 09/30/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 34

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/13/2009
Next Scheduled EDR Contact: 04/13/2009
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: 09/19/2008
Date Data Arrived at EDR: 09/30/2008
Date Made Active in Reports: 10/14/2008
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 09/15/2008
Date Data Arrived at EDR: 10/22/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 01/19/2009
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: 10/21/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 55

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
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: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
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: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 12/04/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/03/2008
Date Data Arrived at EDR: 10/15/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 35

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 10/28/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/30/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/17/2008
Date Data Arrived at EDR: 09/02/2008
Date Made Active in Reports: 09/19/2008
Number of Days to Update: 17

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits
General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 23

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 05/22/2007
Date Data Arrived at EDR: 10/19/2007
Date Made Active in Reports: 11/05/2007
Number of Days to Update: 17

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 10/17/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE
A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 12/08/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 01/06/2009
Number of Days to Update: 28

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

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: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000
Date Data Arrived at EDR: 04/27/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA
Telephone: N/A
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: N/A

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: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 09/30/2008
Date Made Active in Reports: 10/07/2008
Number of Days to Update: 7

Source: EPA
Telephone: 202-564-6064
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Quarterly

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

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

017322 - PONTIAC, MI (1)
200 SOUTH BOULEVARD WEST
PONTIAC, MI 48341

TARGET PROPERTY COORDINATES

Latitude (North):	42.62500 - 42° 37' 30.0''
Longitude (West):	83.2865 - 83° 17' 11.4''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312492.3
UTM Y (Meters):	4721493.0
Elevation:	940 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).

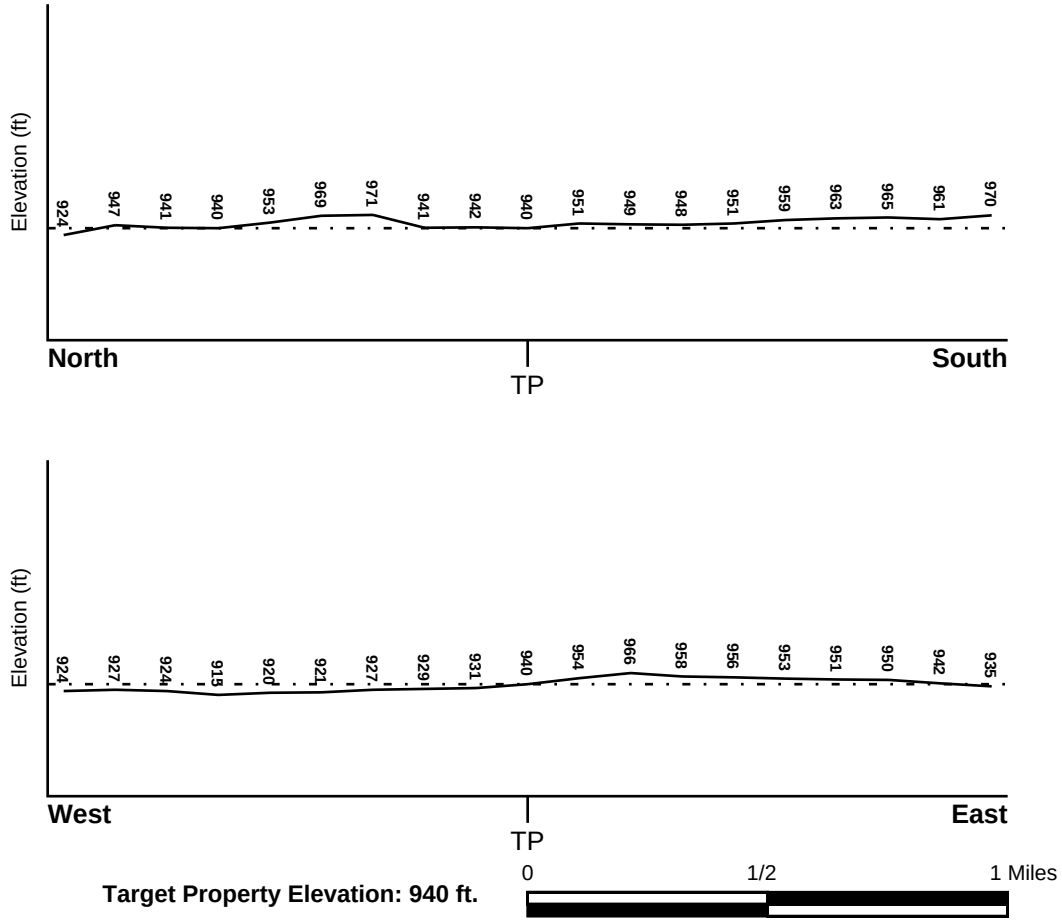
TOPOGRAPHIC INFORMATION

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 NORTH	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	1/8 - 1/4 Mile NNE	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

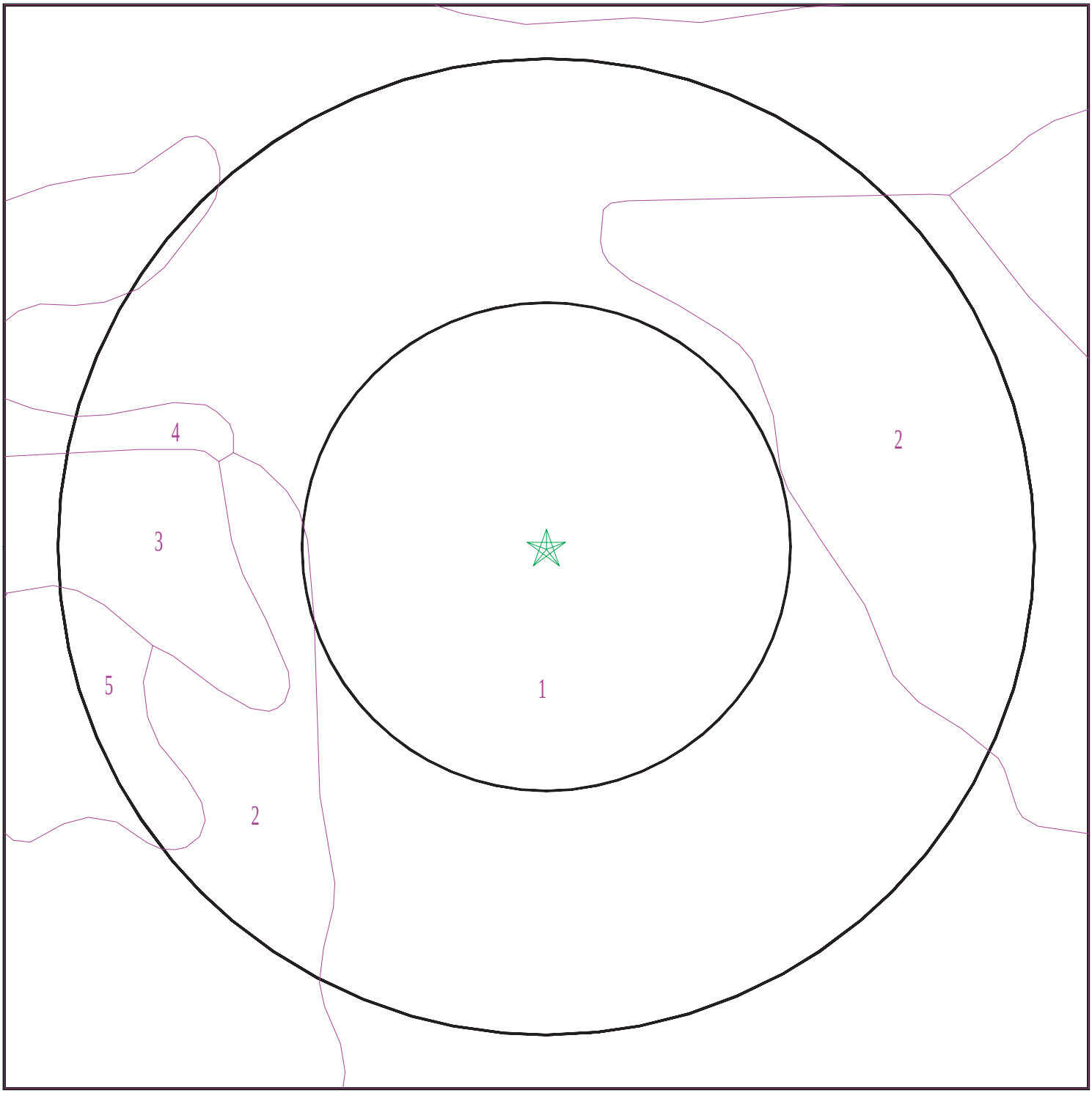
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

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 - 2398860.1s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	017322 - Pontiac, MI (1)	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Kelly Connolly
LAT/LONG:	42.6250 / 83.2865	INQUIRY #:	2398860.1s
		DATE:	January 14, 2009 2:20 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: Aquents

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
4	USGS2308730	1/2 - 1 Mile NW
5	USGS2308728	1/2 - 1 Mile WNW
6	USGS2308734	1/2 - 1 Mile NNW
A8	USGS2308726	1/2 - 1 Mile WNW
A9	USGS2308727	1/2 - 1 Mile WNW
B10	USGS2308740	1/2 - 1 Mile NNW
B12	USGS2308742	1/2 - 1 Mile North
14	USGS2308743	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B13	MI2010663	1/2 - 1 Mile NNW

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

STATE DATABASE WELL INFORMATION

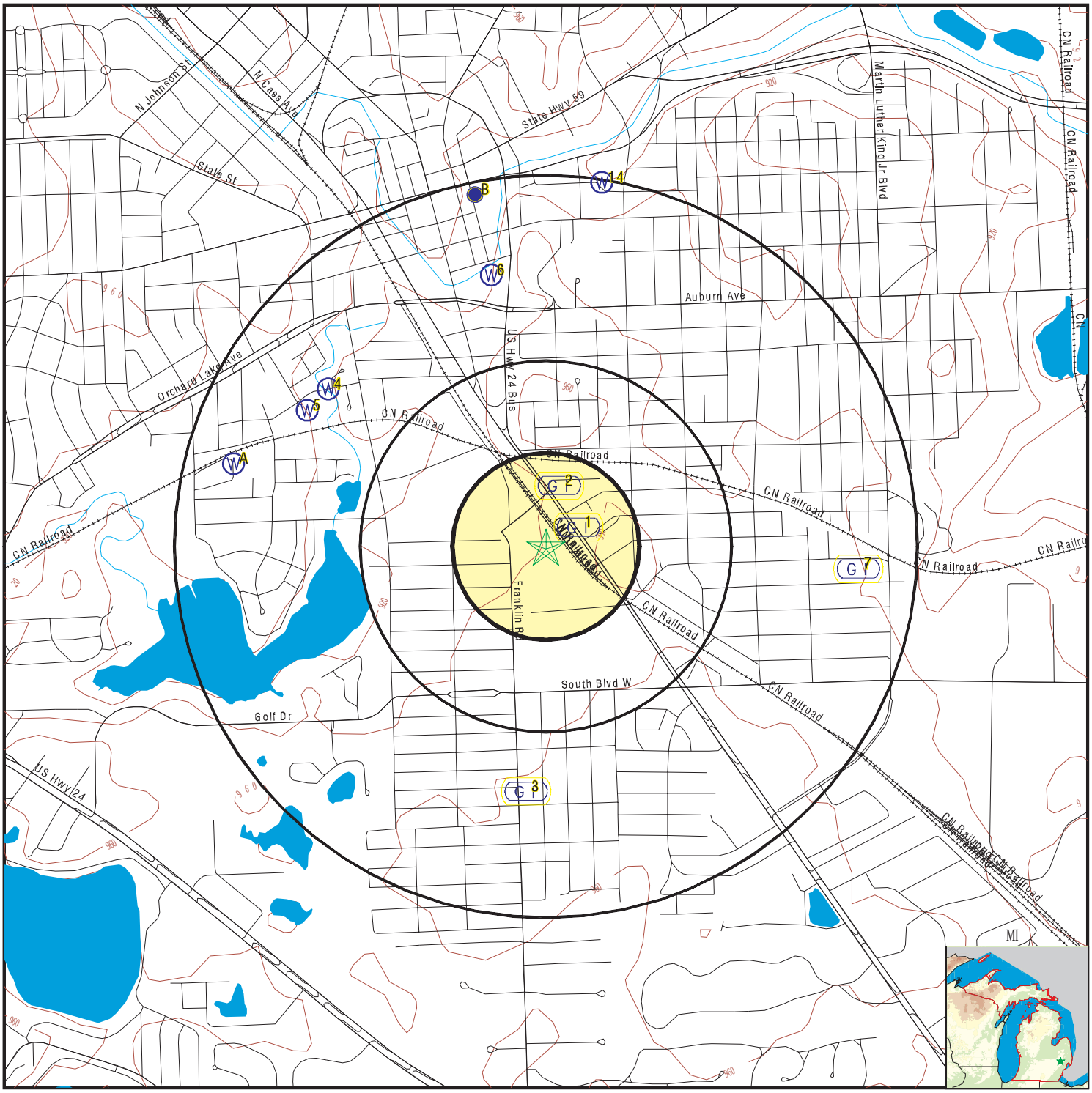
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2398860.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	017322 - Pontiac, MI (1)	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	200 South Boulevard West Pontiac MI 48341	CONTACT:	Kelly Connolly
		INQUIRY #:	2398860.1s
LAT/LONG:	42.6250 / 83.2865	DATE:	January 14, 2009 2:20 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

2
NNE
1/8 - 1/4 Mile
Higher

AQUIFLOW **35290**

Site ID:	635150
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

4
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2308730**

Agency cd:	USGS	Site no:	423752083175302
Site name:	03N 10E 32ABCC 02		
Latitude:	423752		
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	

5
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308728**

Agency cd:	USGS	Site no:	423749083175702
Site name:	03N 10E 32BADD 02		
Latitude:	423749		
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	

6
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308734**

Agency cd:	USGS	Site no:	423808083172201
Site name:	03N 10E 29DDDA 01		
Latitude:	423808		
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	

A8
WNW **FED USGS** **USGS2308726**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	423741083181101
Site name:	03N 10E 32BDCB 02		
Latitude:	423741		
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308727**

Agency cd:	USGS	Site no:	423742083181101
Site name:	03N 10E 32BDCB 01		
Latitude:	423742		
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	

B10
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308740**

Agency cd:	USGS	Site no:	423818083172501
Site name:	03N 10E 29DADD 01		
Latitude:	423818		
Longitude:	0831725	Dec lat:	42.63836602
Dec lon:	-83.29021348	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:	205	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:	1952-05-19
Water quality data end date:	1952-05-19	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

B12
North
1/2 - 1 Mile
Lower

FED USGS **USGS2308742**

Agency cd:	USGS	Site no:	423820083172401
Site name:	03N 10E 29DADA 01		
Latitude:	423820		
Longitude:	0831724	Dec lat:	42.63892157
Dec lon:	-83.28993572	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:	910		
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:	19260101
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:	197	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:	1952-01-04	Water quality data count:	2
Ground water data begin date:	1926-02-01	Ground water data end date:	1926-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1926-02-01	32.00	

B13
NNW
1/2 - 1 Mile
Lower

FRDS PWS **MI2010663**

PWS ID:	MI2010663	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	PONTIAC LAKE RECREATION AREA 7800 GALE ROAD PONTIAC, MI 48053		
Addressee / Facility:	System Owner/Responsible Party DALE GIRDLER 4045 IVERNESS LANE ORCHARD LAKE, MI 48033		
Facility Latitude:	42 38 20	Facility Longitude:	083 17 27
City Served:	WHITE LAKE		
Treatment Class:	Untreated	Population:	00000250

Violations information not reported.

14
North
1/2 - 1 Mile
Lower

FED USGS **USGS2308743**

Agency cd:	USGS	Site no:	423821083170101
Site name:	03N 10E 28CACB 01		
Latitude:	423821		
Longitude:	0831701	Dec lat:	42.6391994
Dec lon:	-83.2835467	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S28T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	900		
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:	19260101
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:	178	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:	1926-06-17
Water quality data end date:	1956-01-17	Water quality data count:	5
Ground water data begin date:	1926-01-01	Ground water data end date:	1926-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1926-01-01	20.00	

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.

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

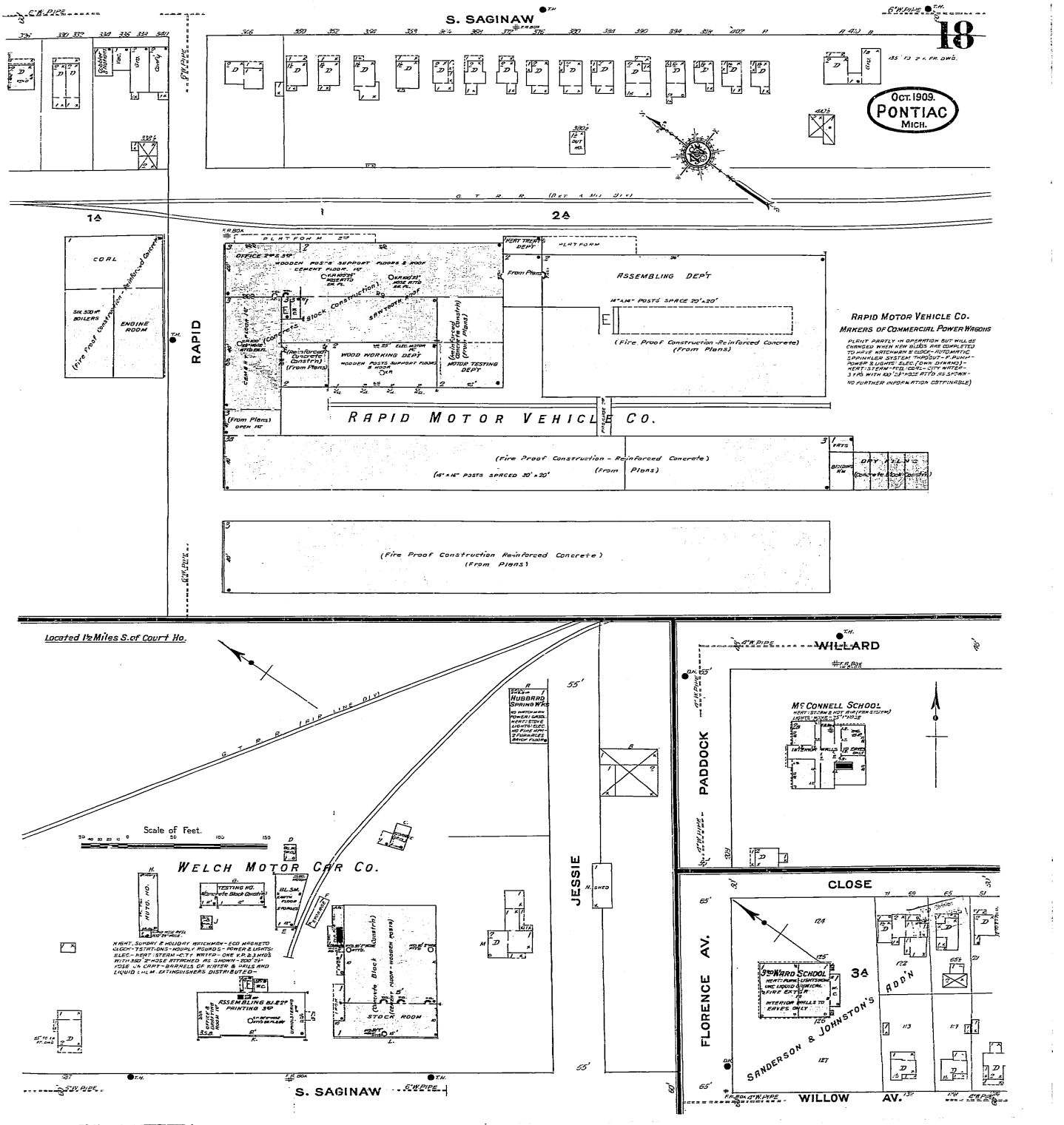
Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX E

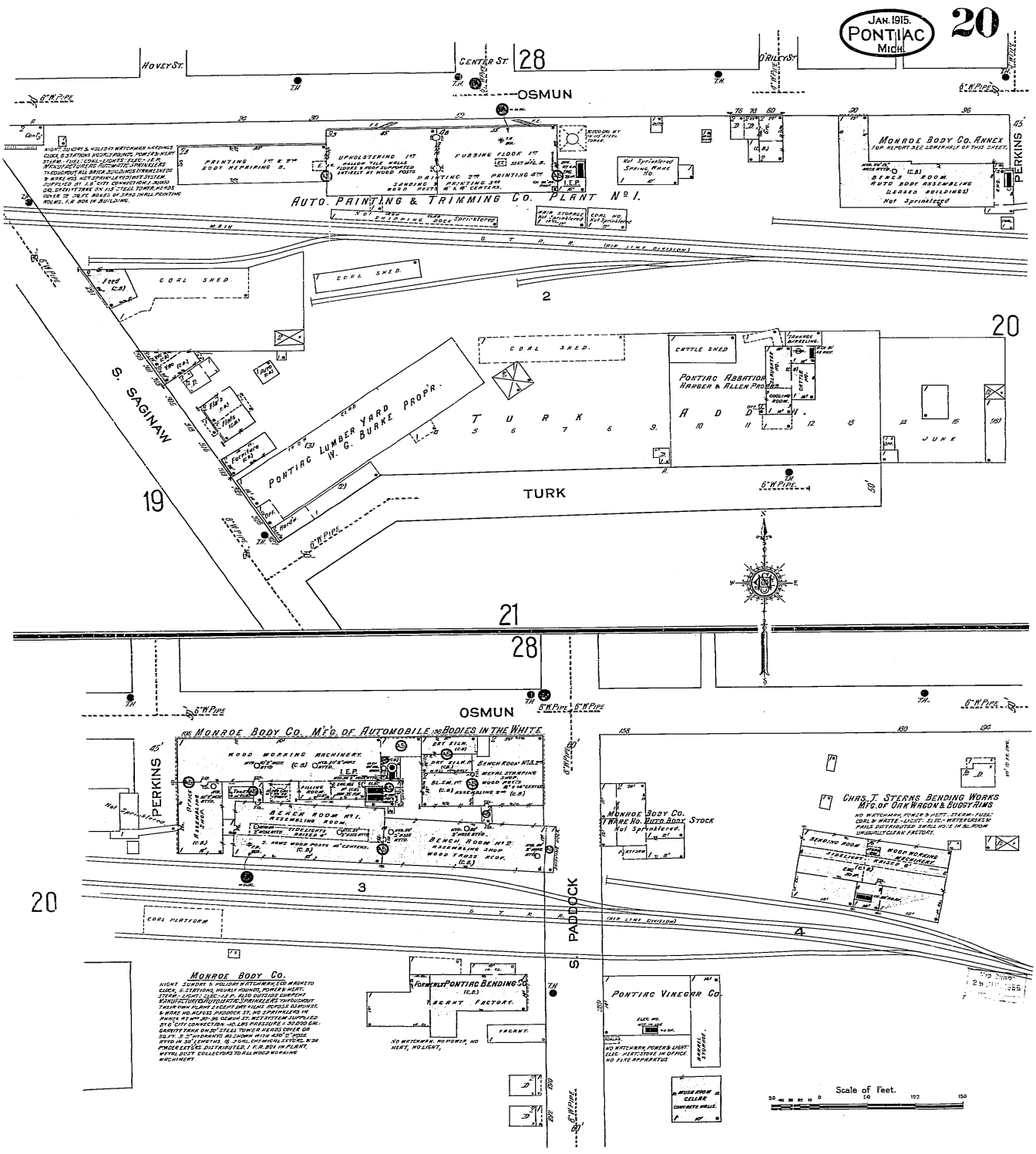
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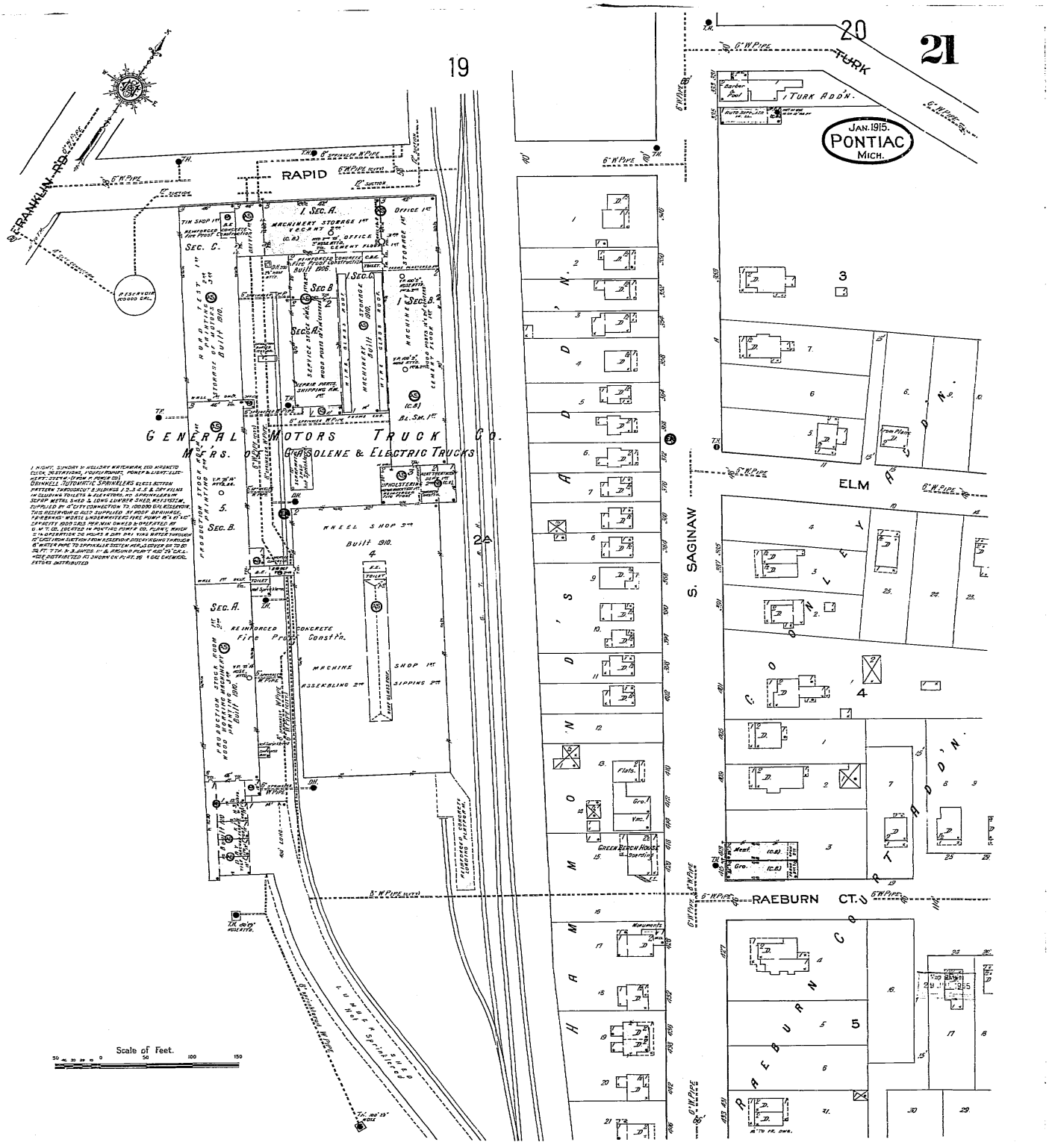
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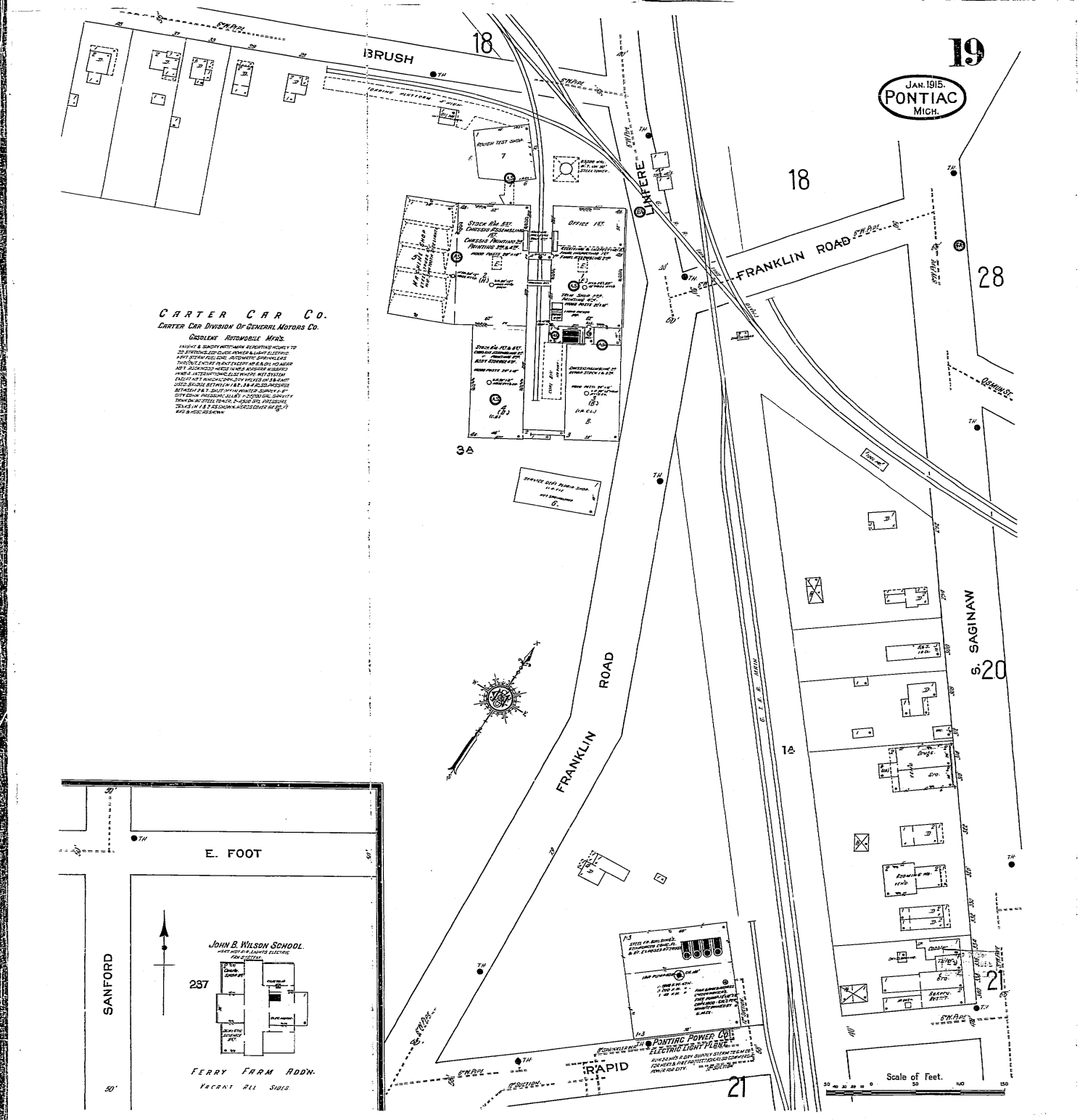
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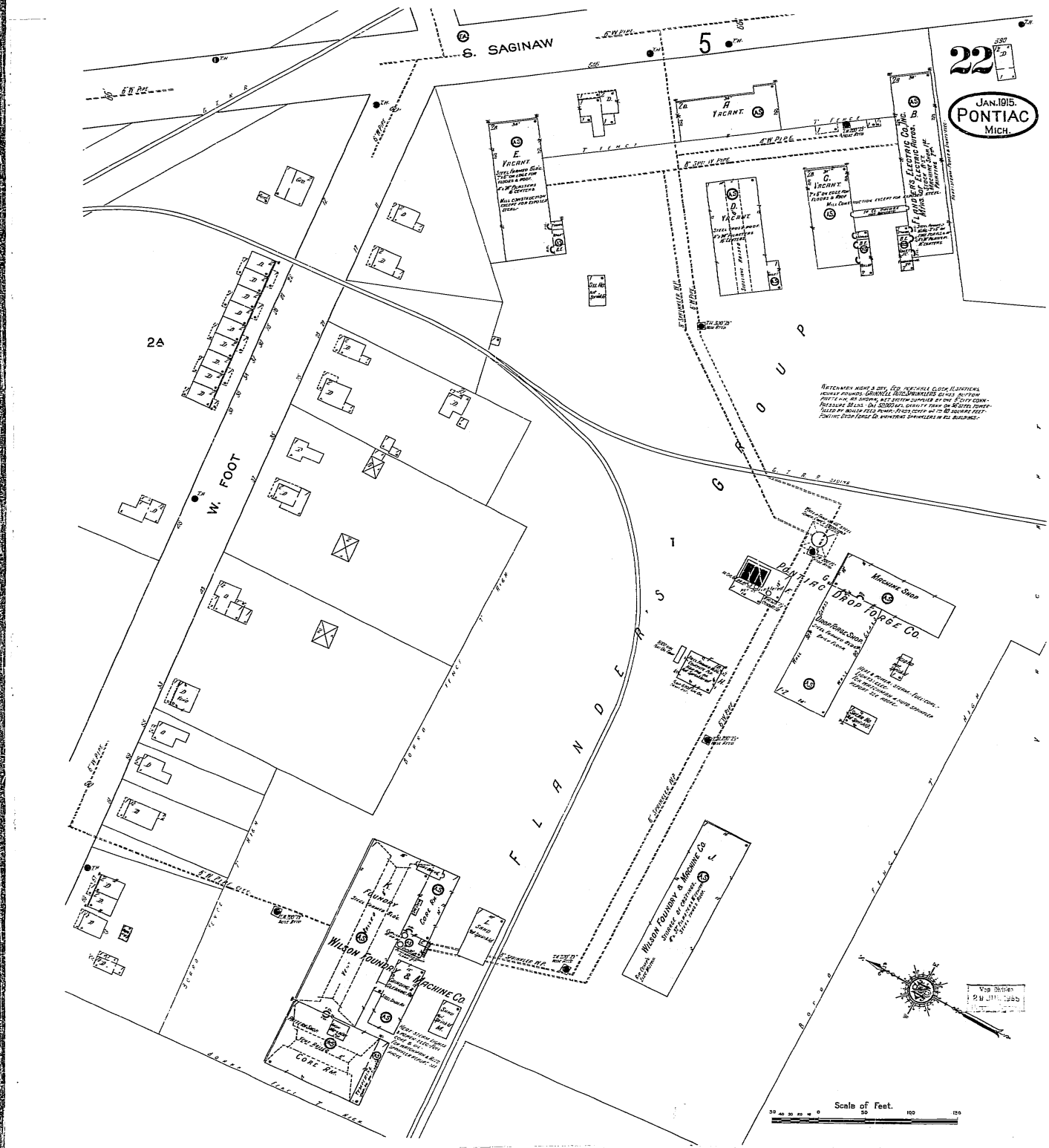
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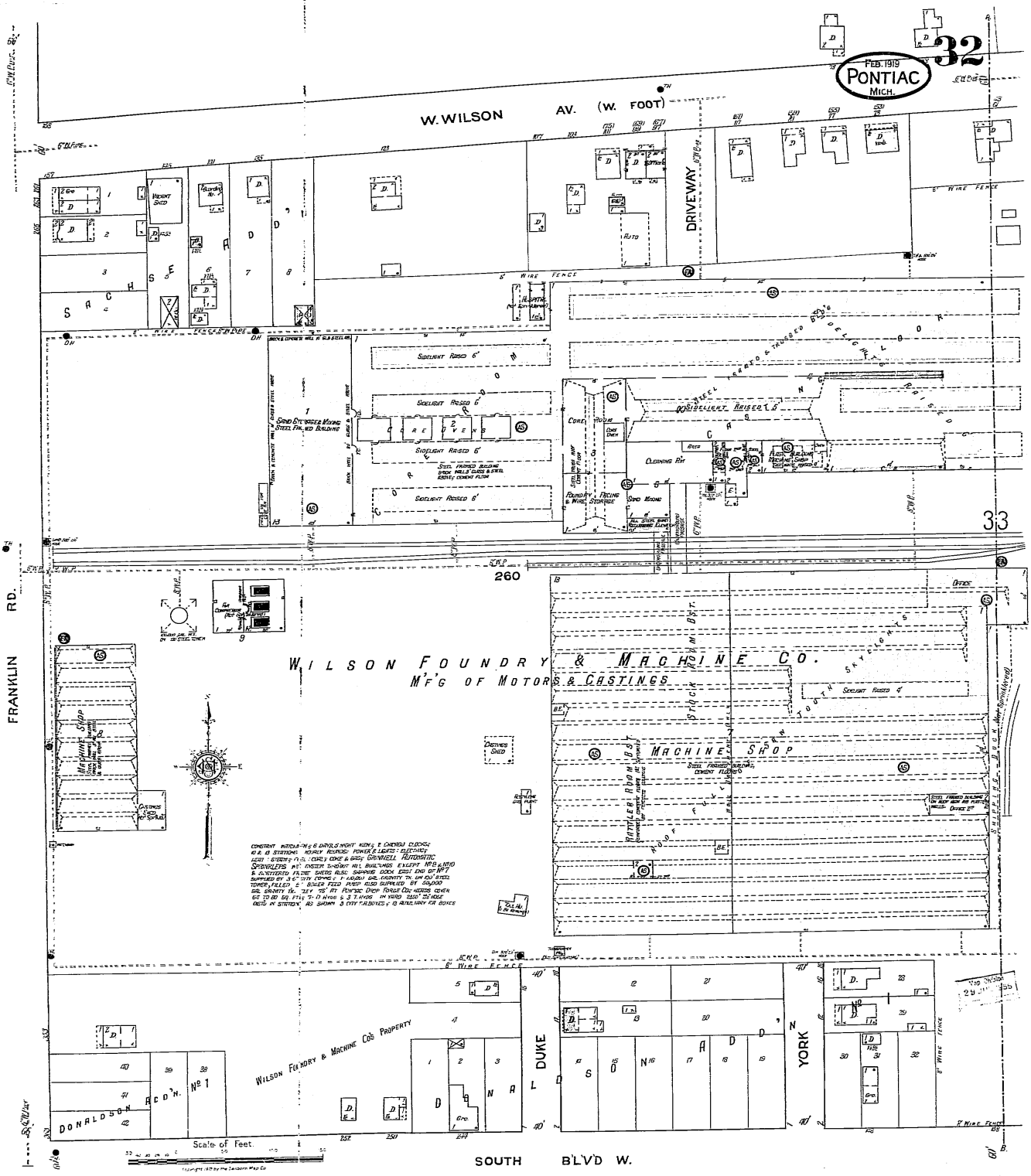
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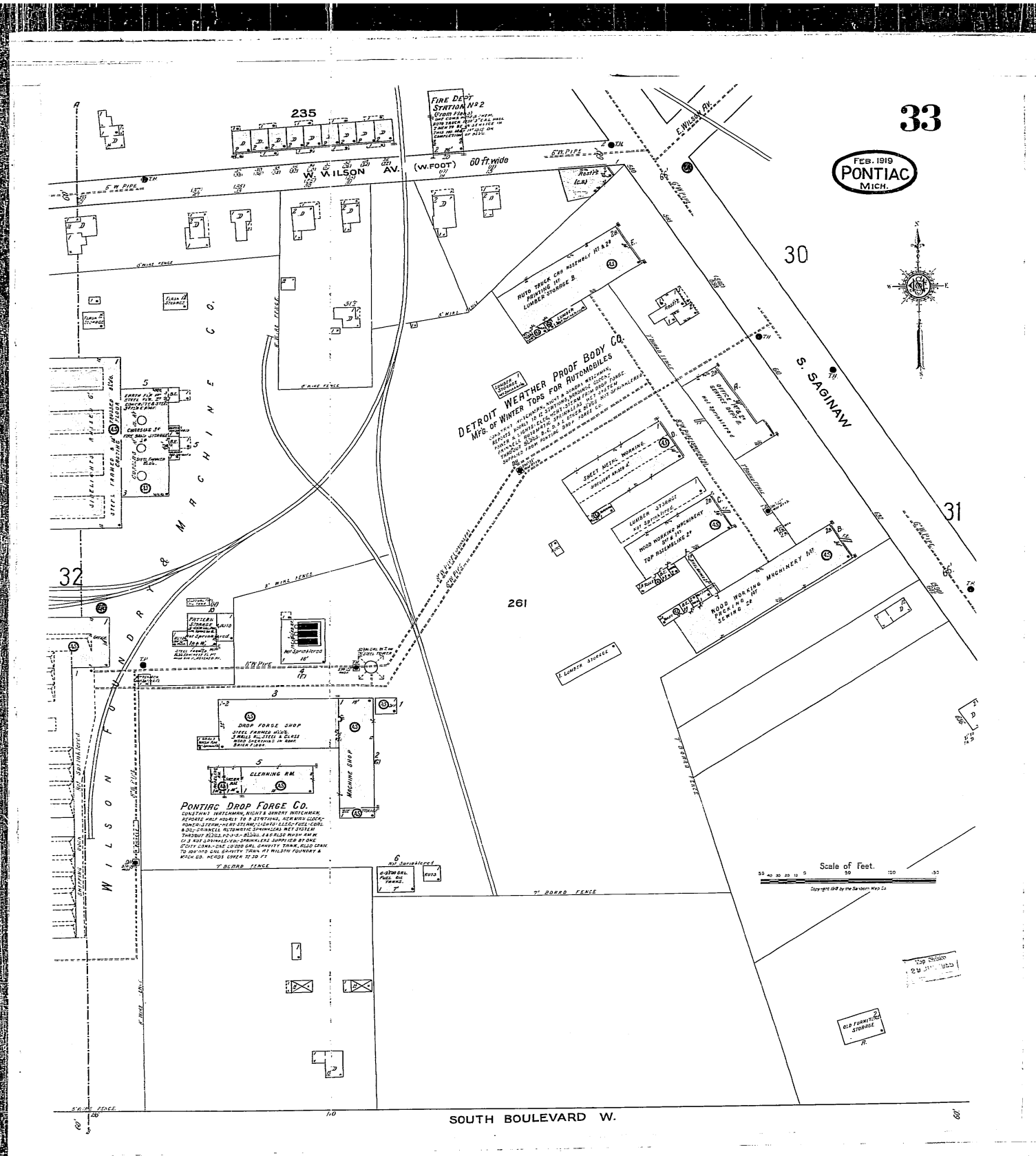


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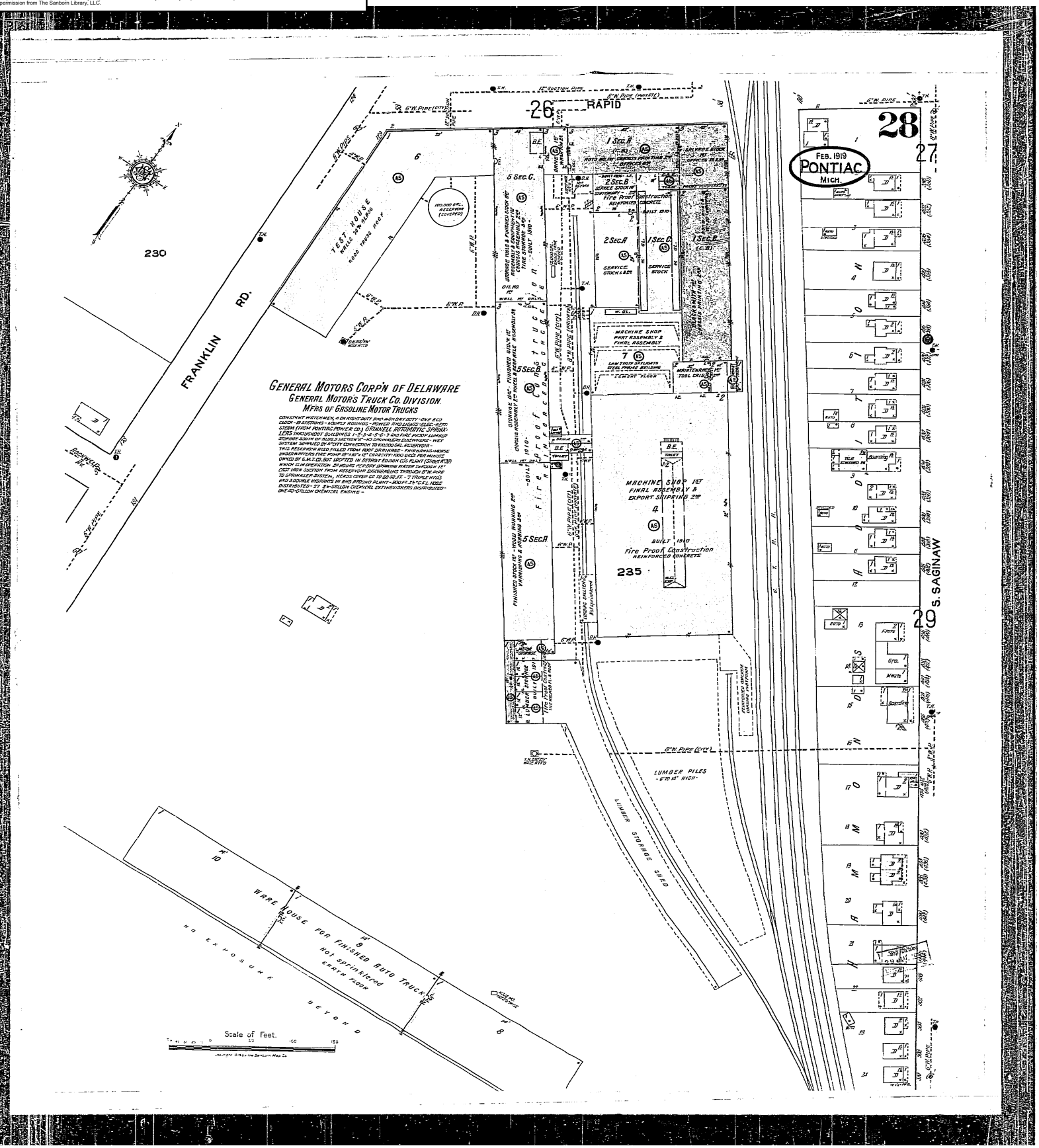
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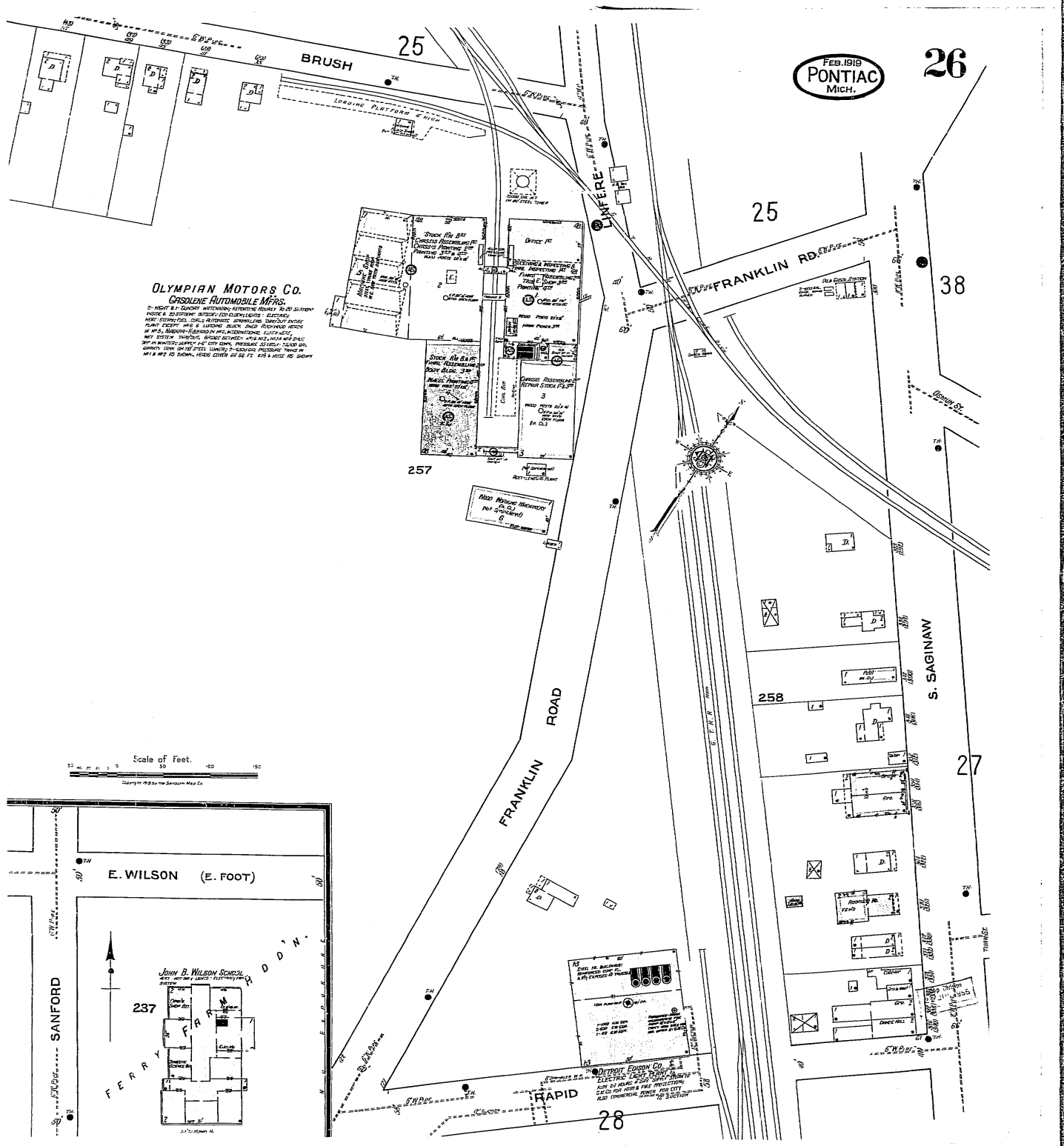
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(51)
PONTIAC, MICH

79

0

79

WILSON BALL PARK

SCALE 100FT. TO AN INCH

228 229 230

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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15 0 16

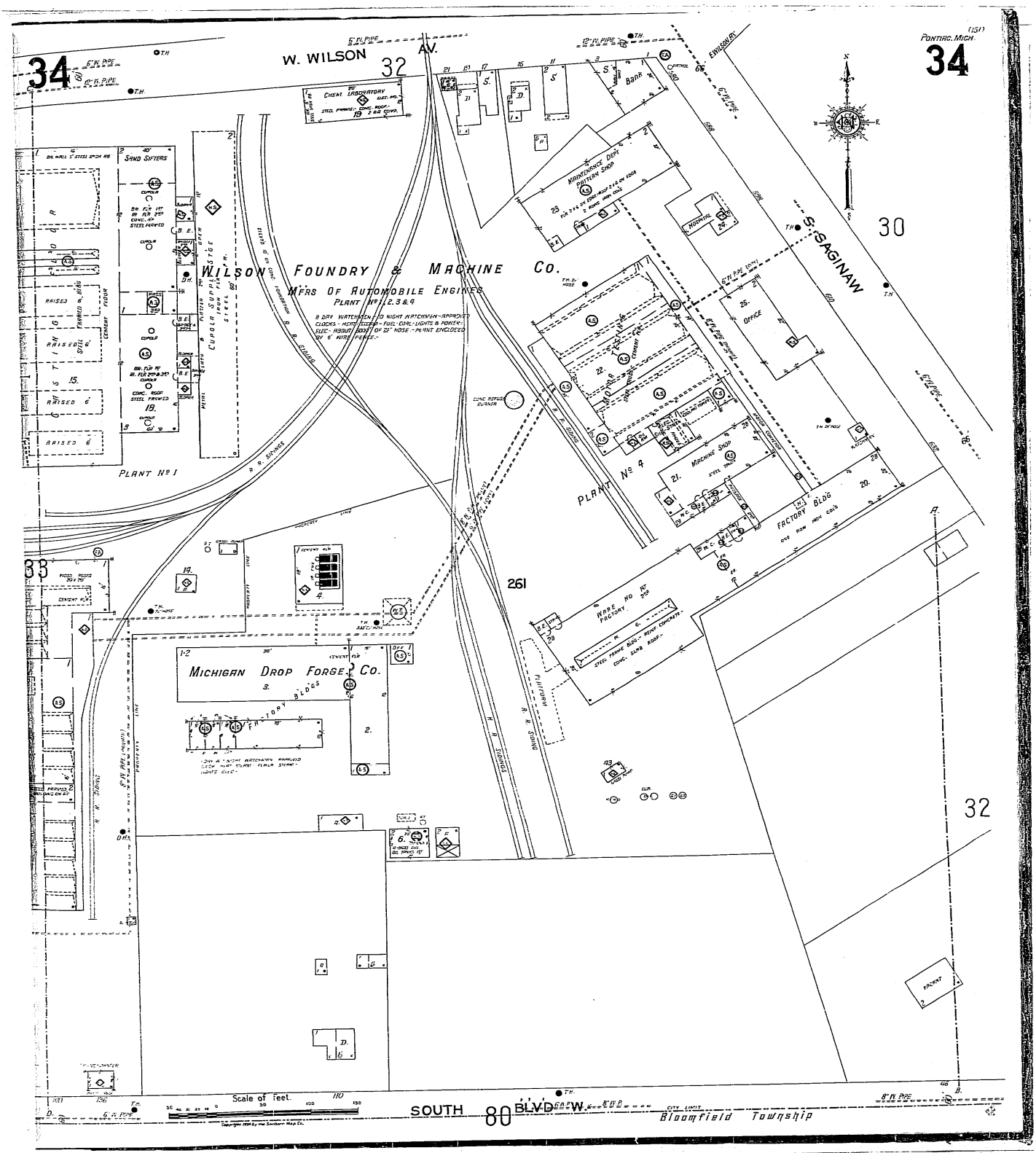
MOTOR ST.

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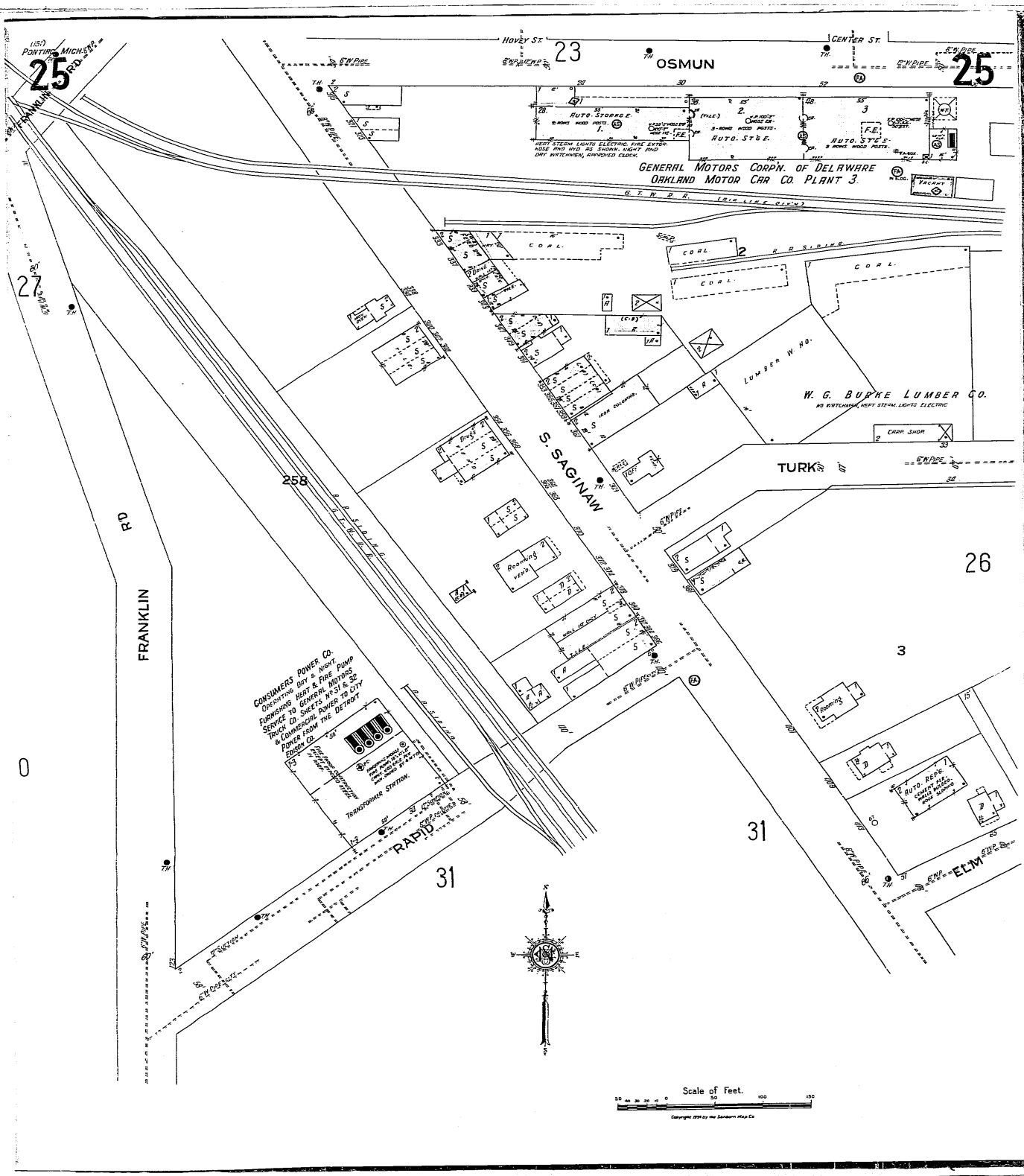
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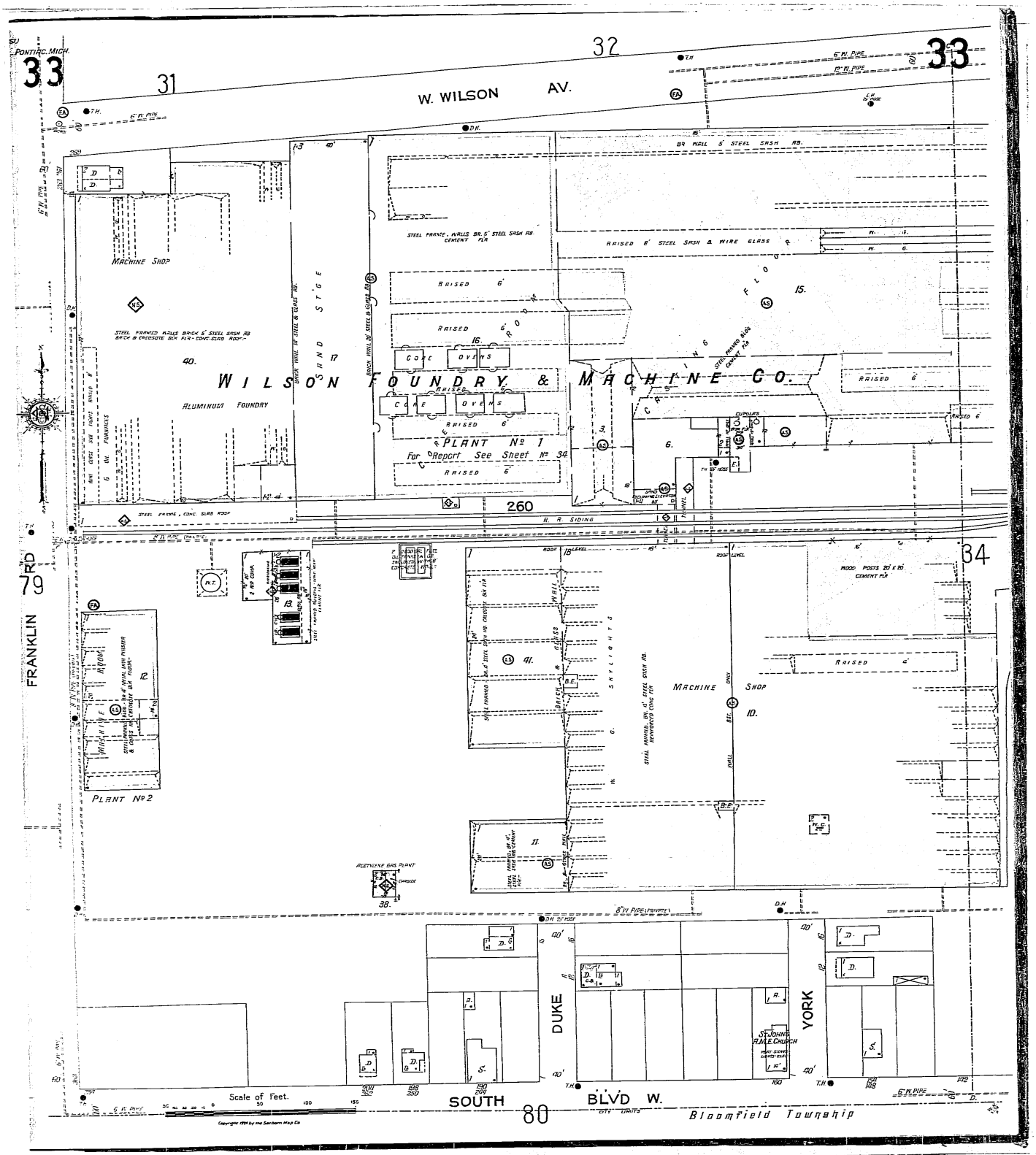
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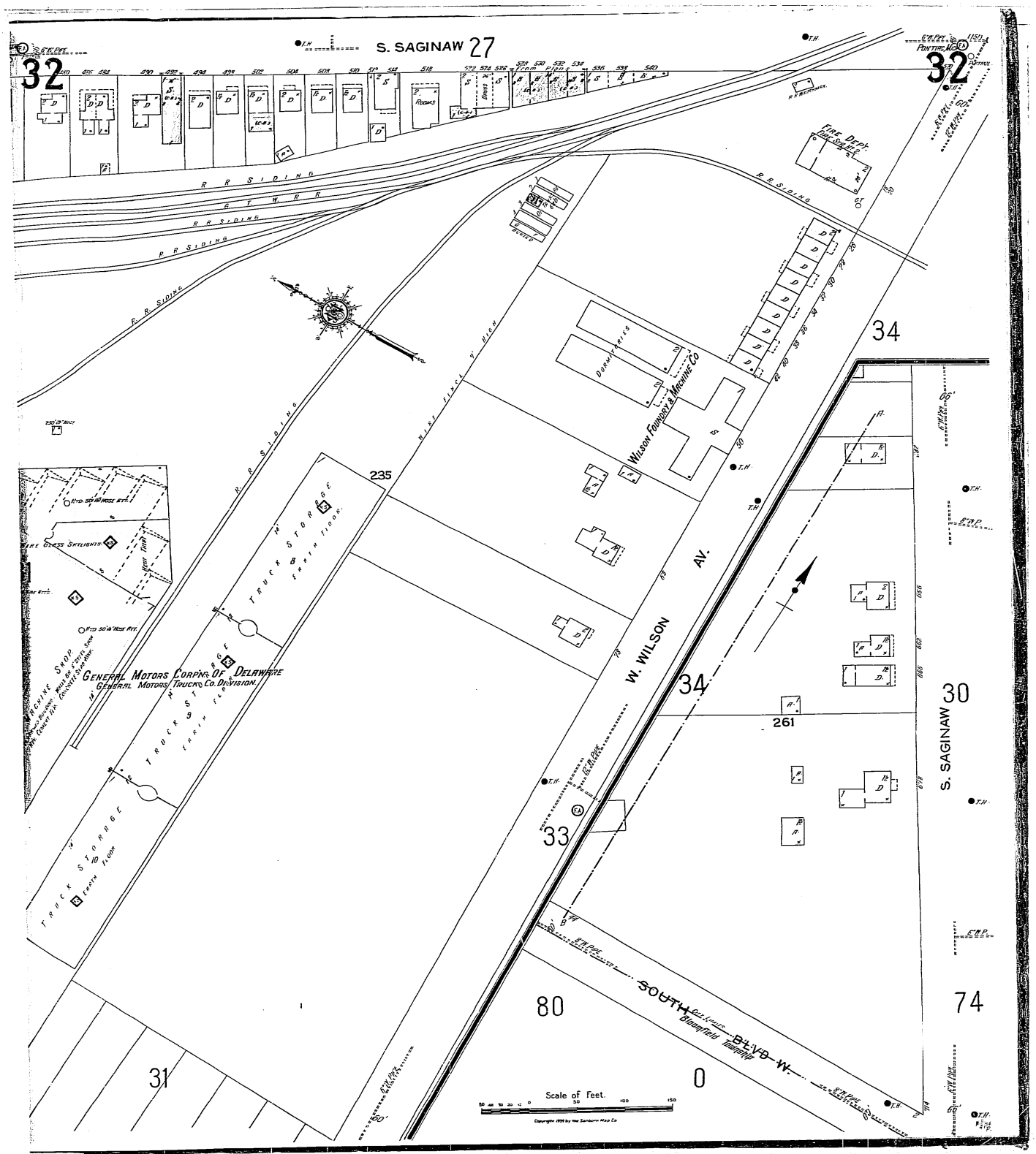
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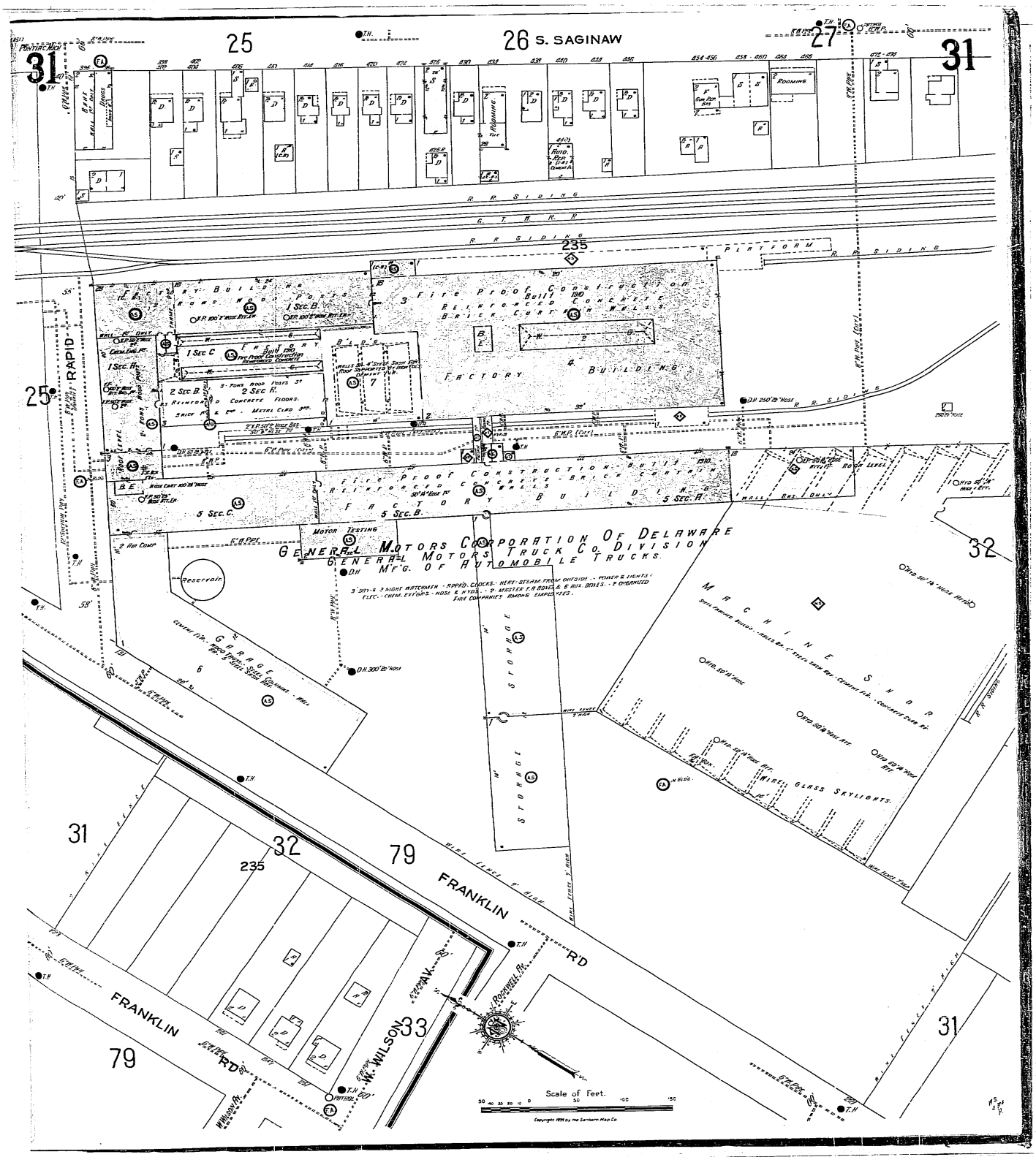


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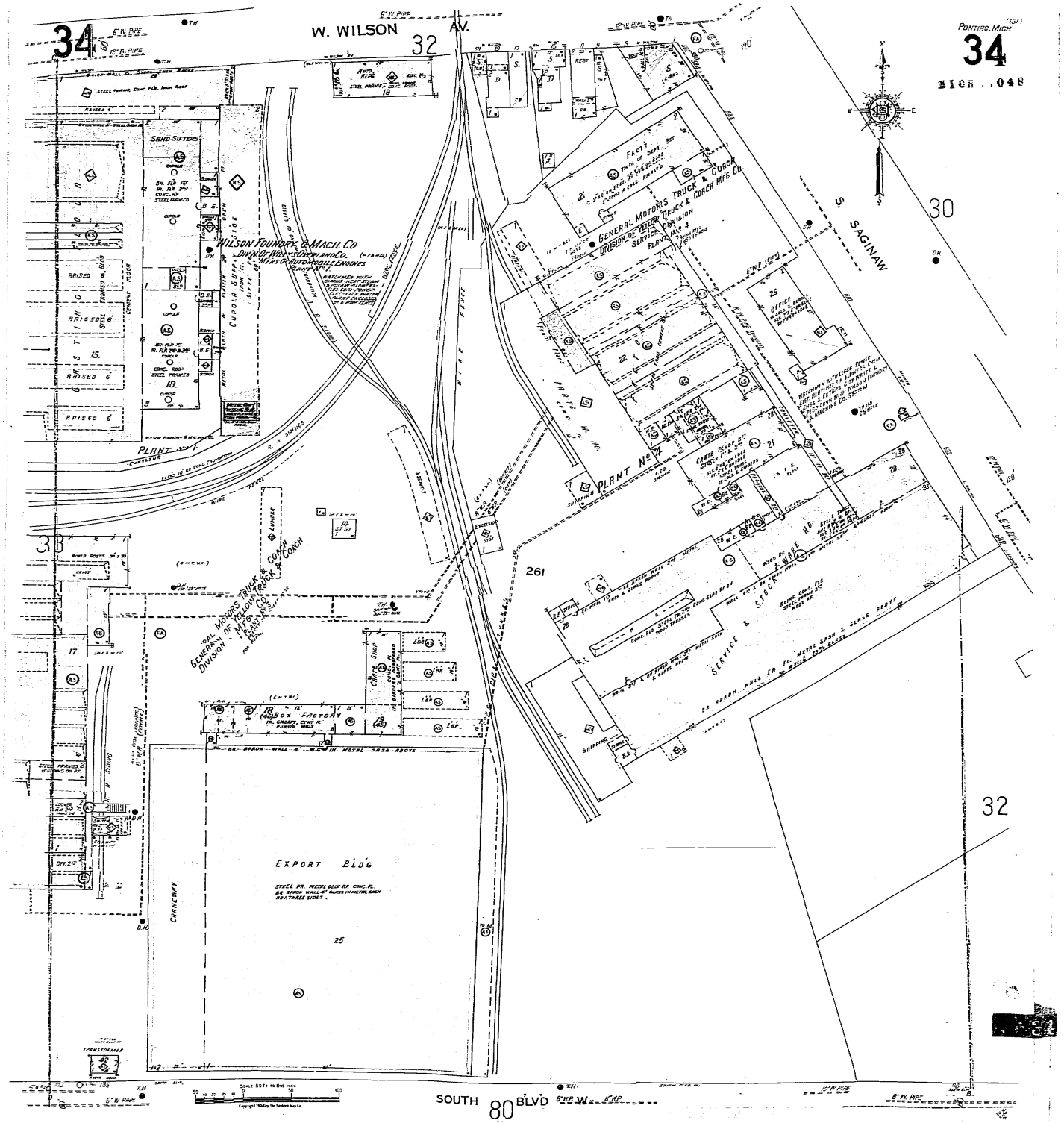




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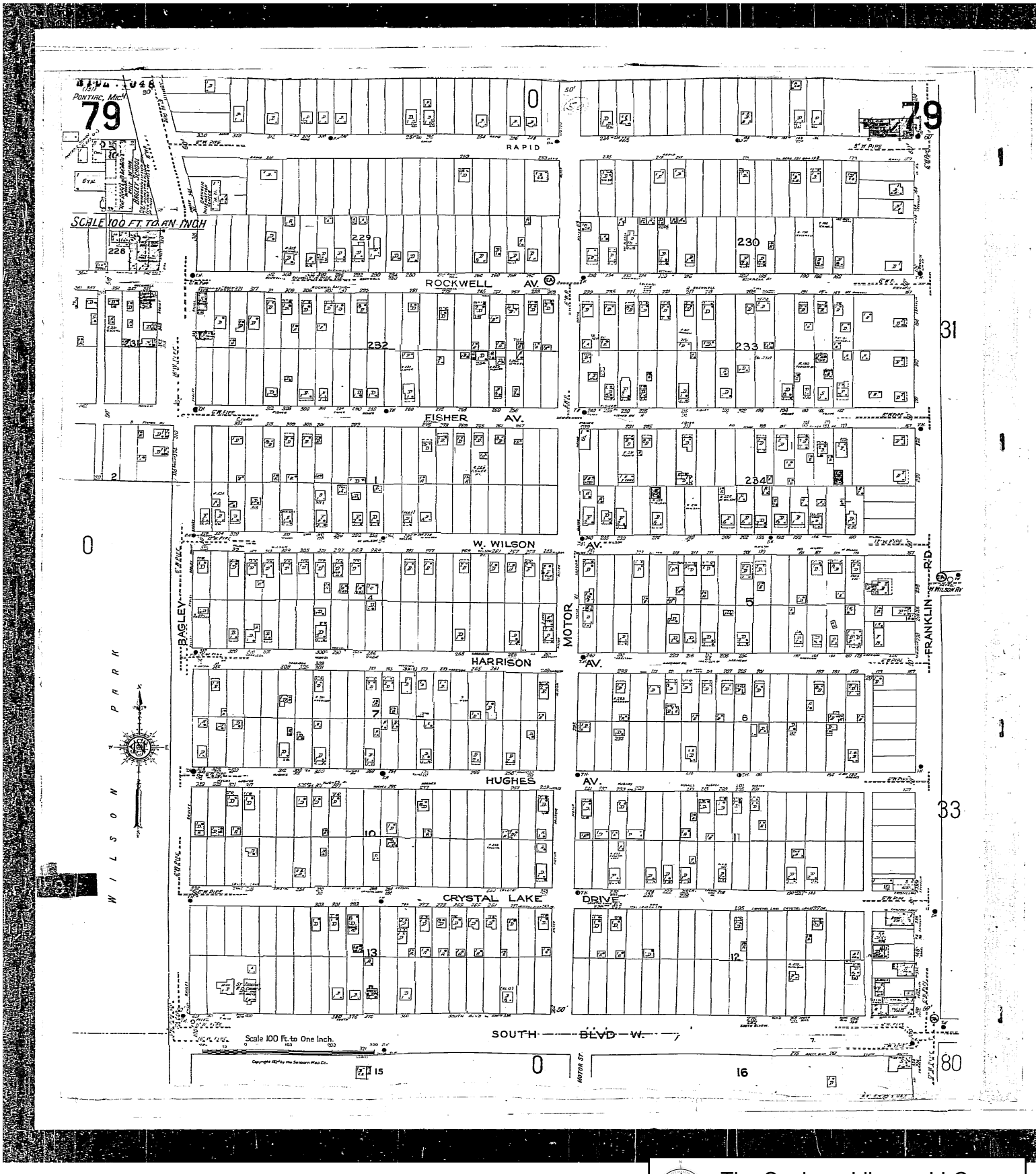


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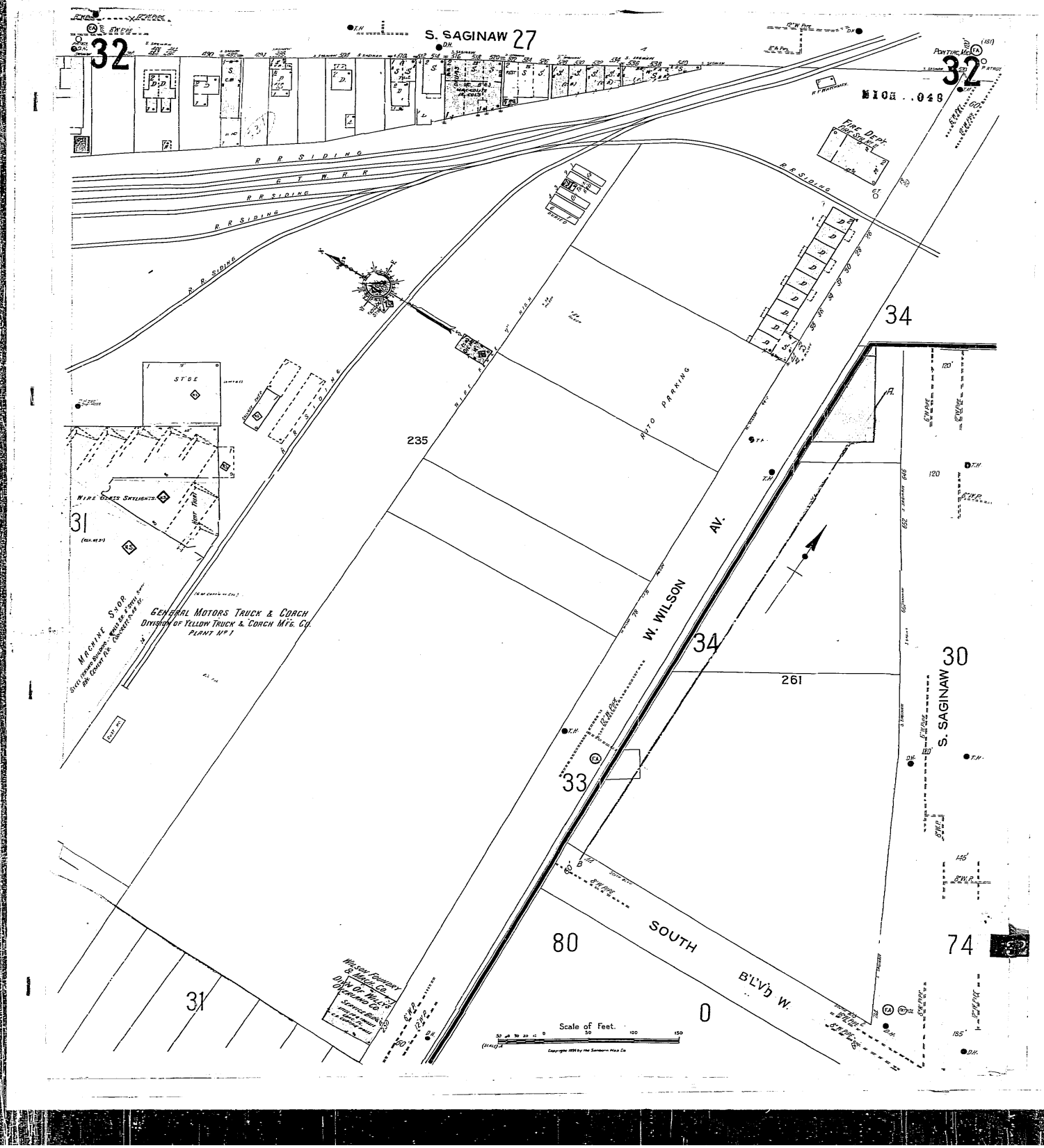
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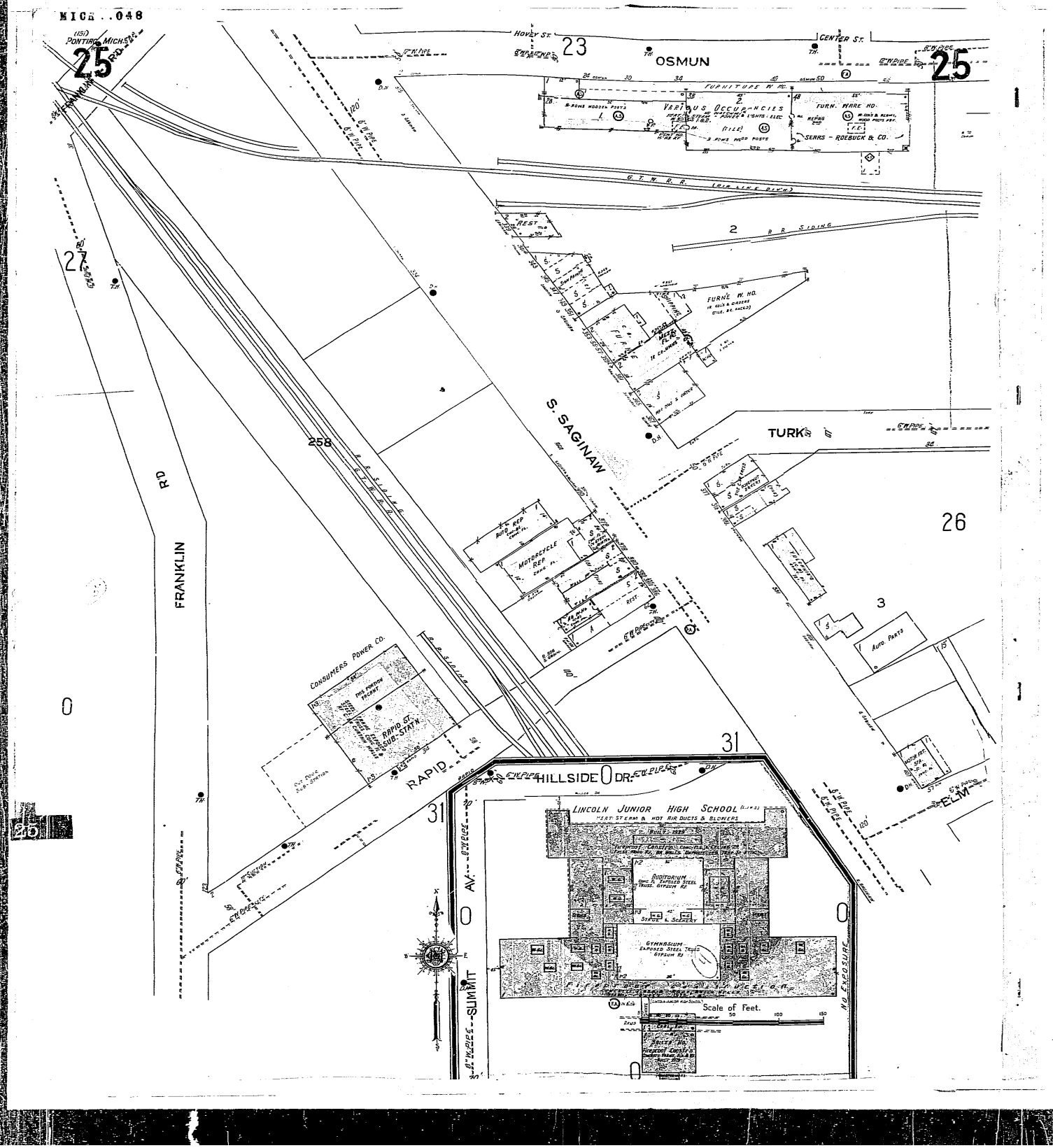
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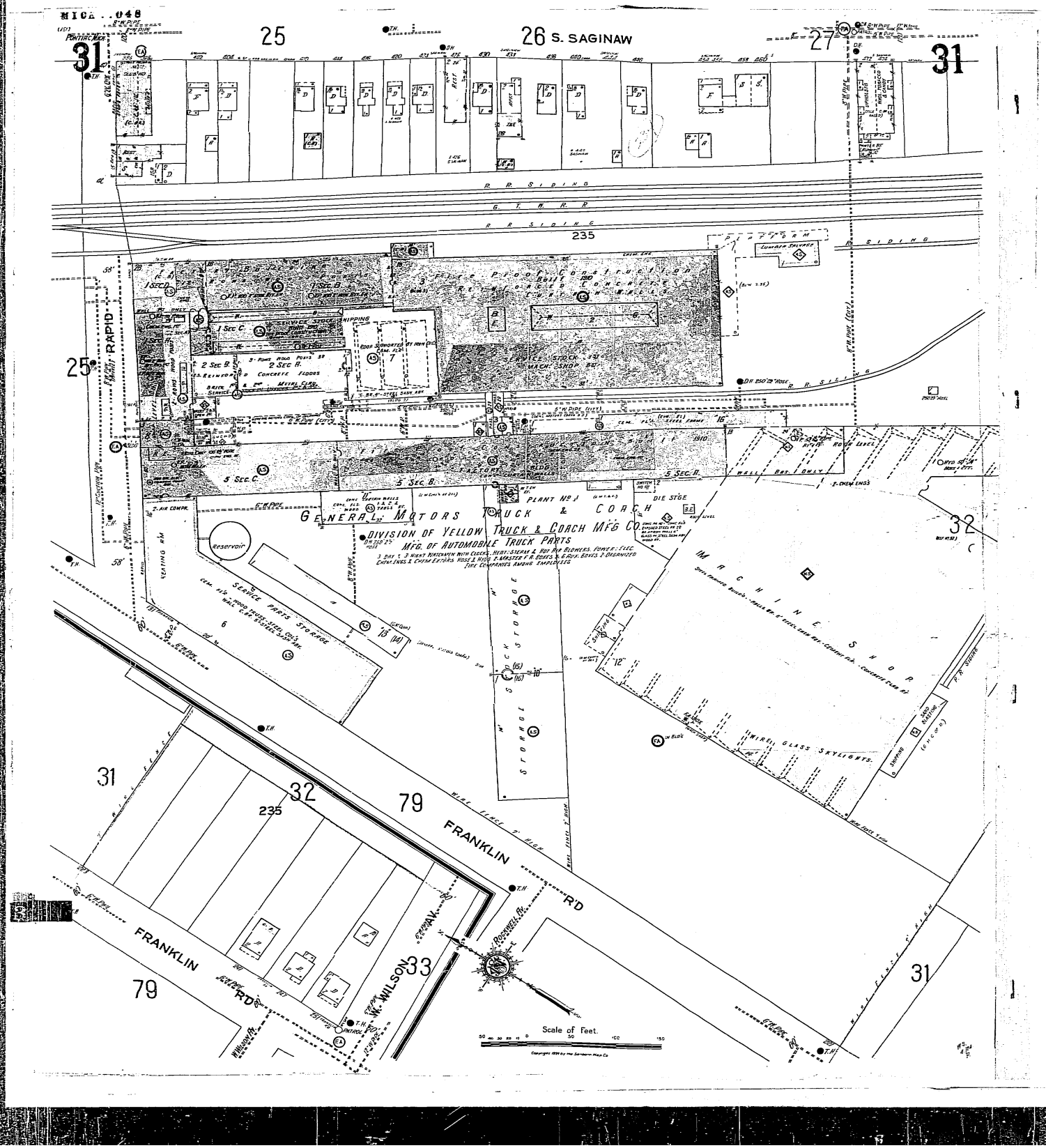
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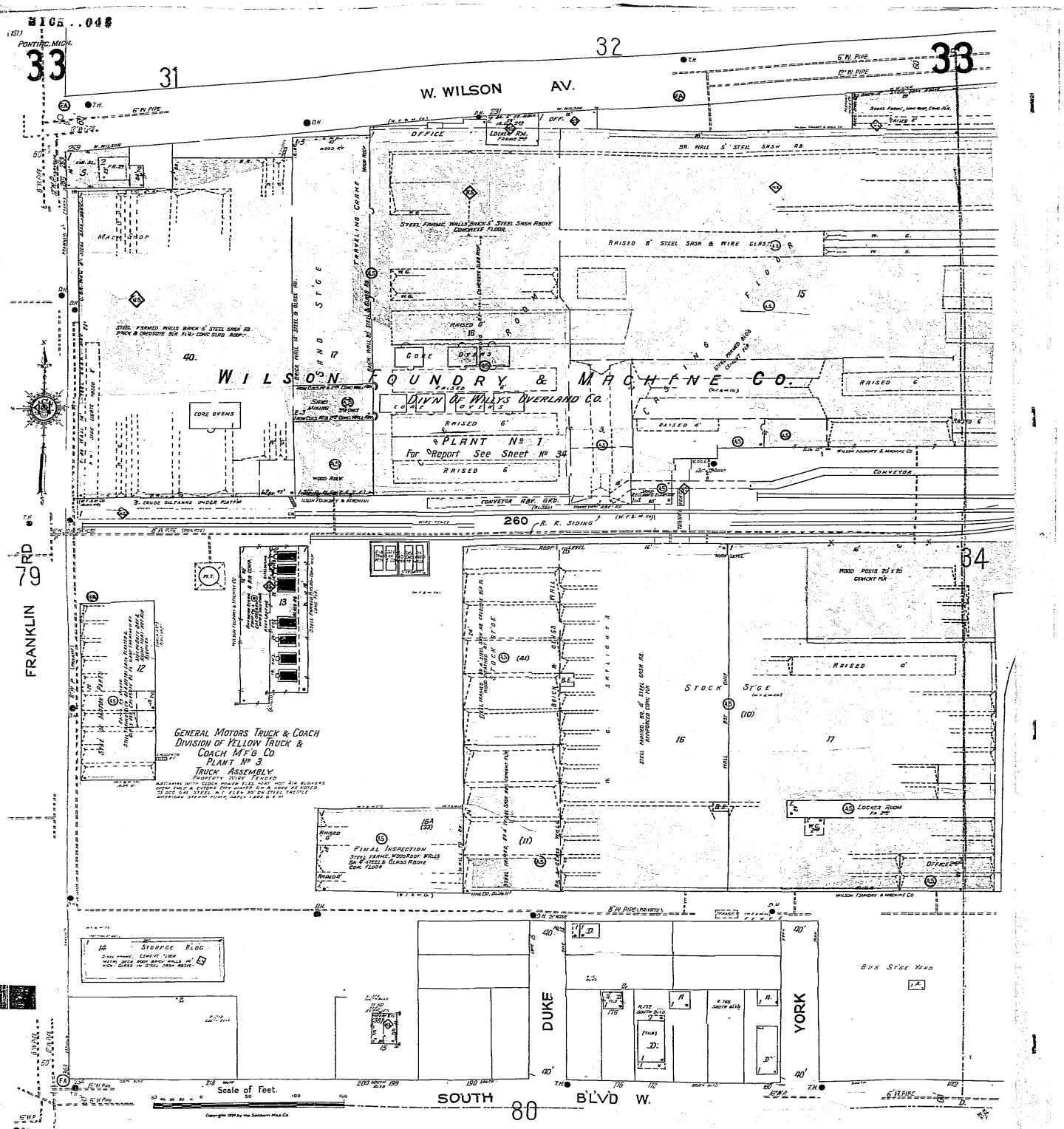


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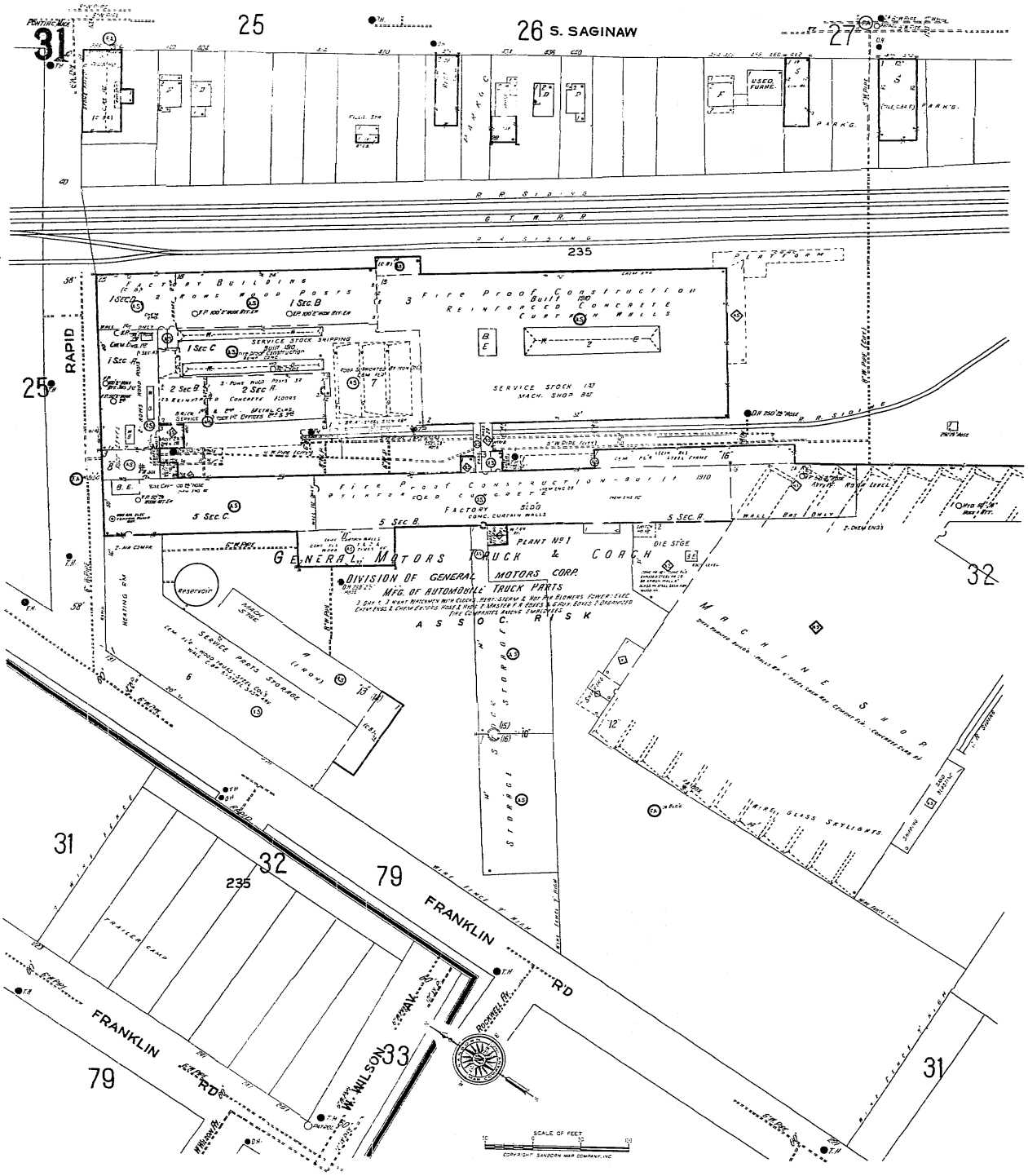


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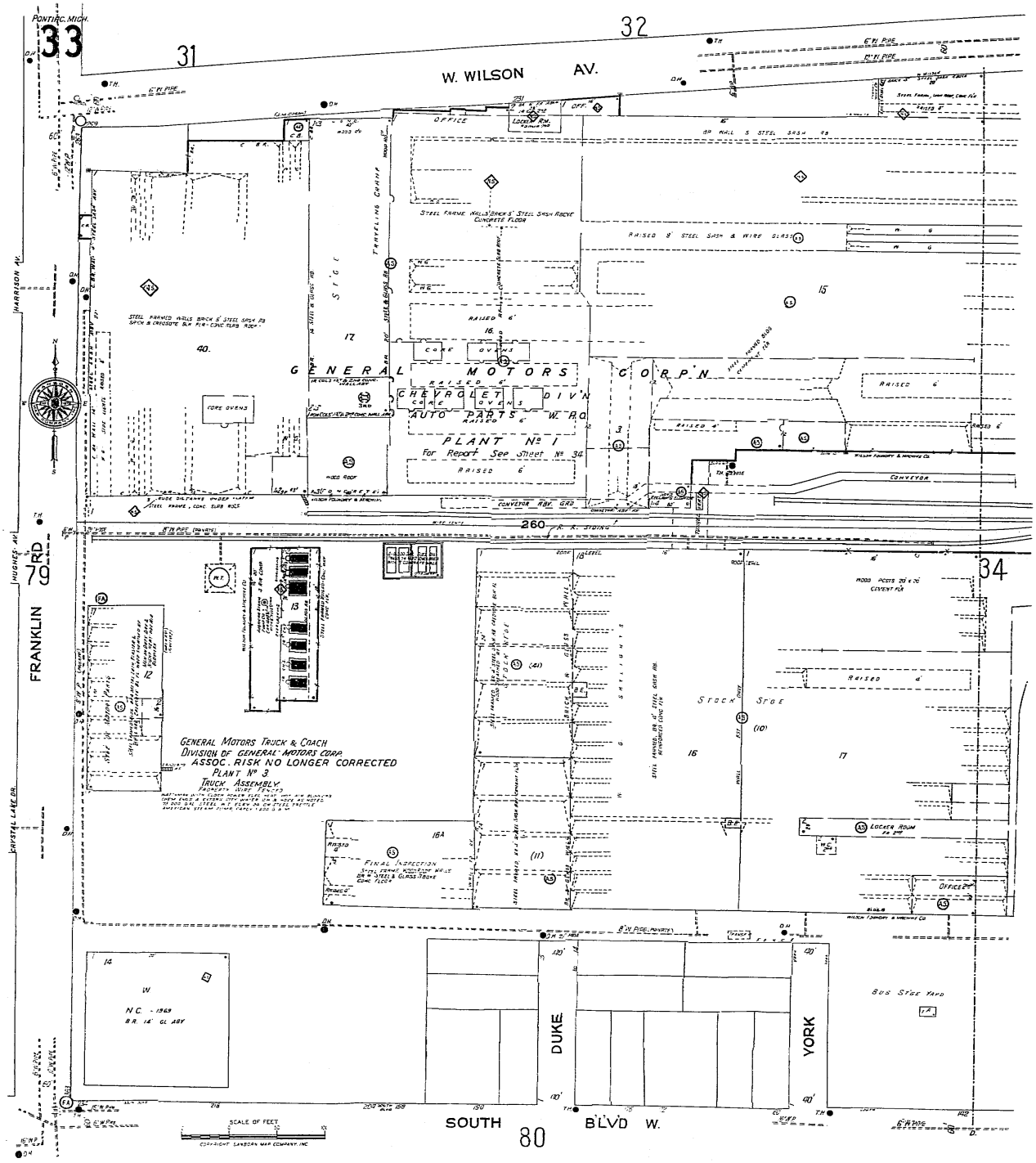
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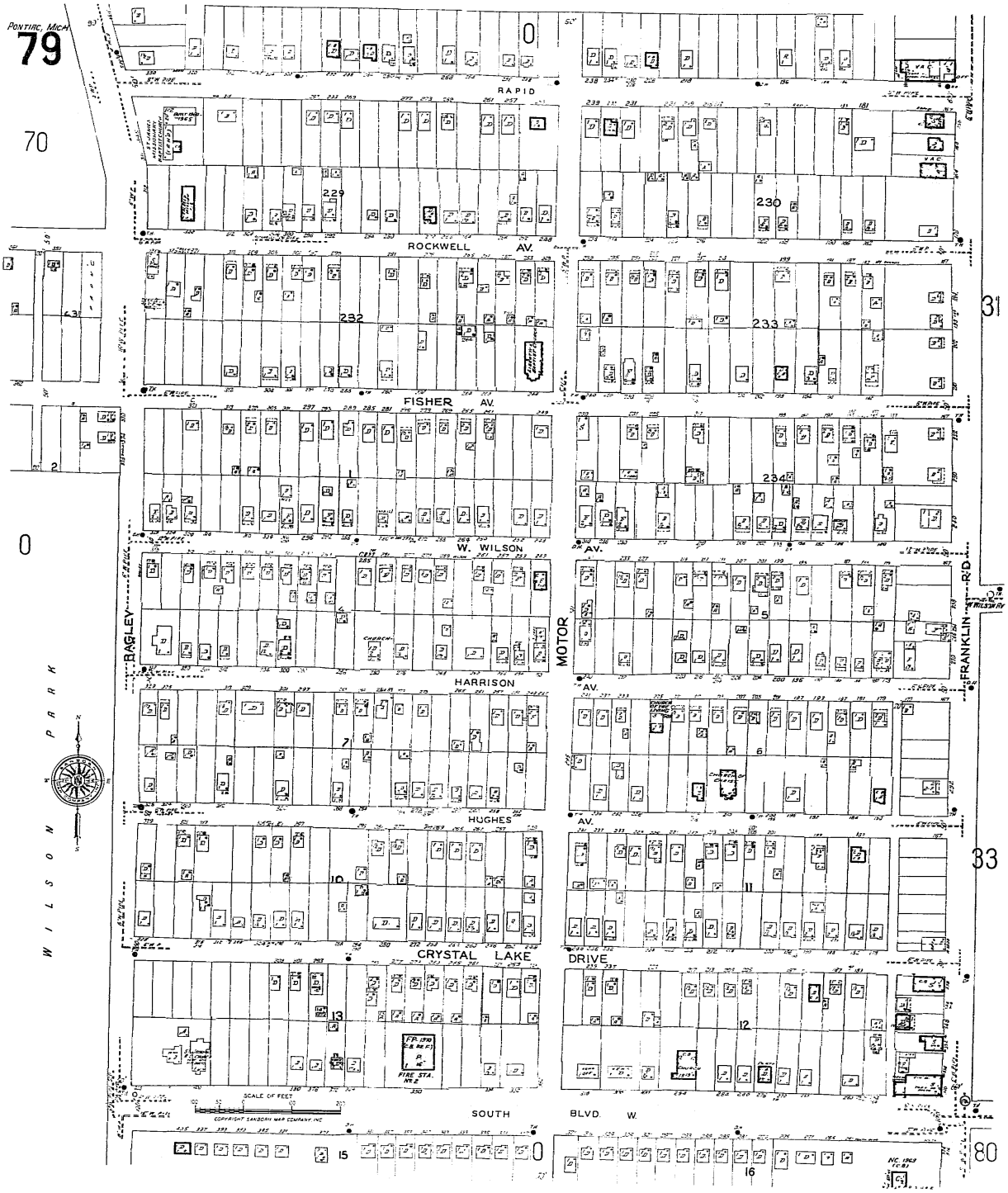
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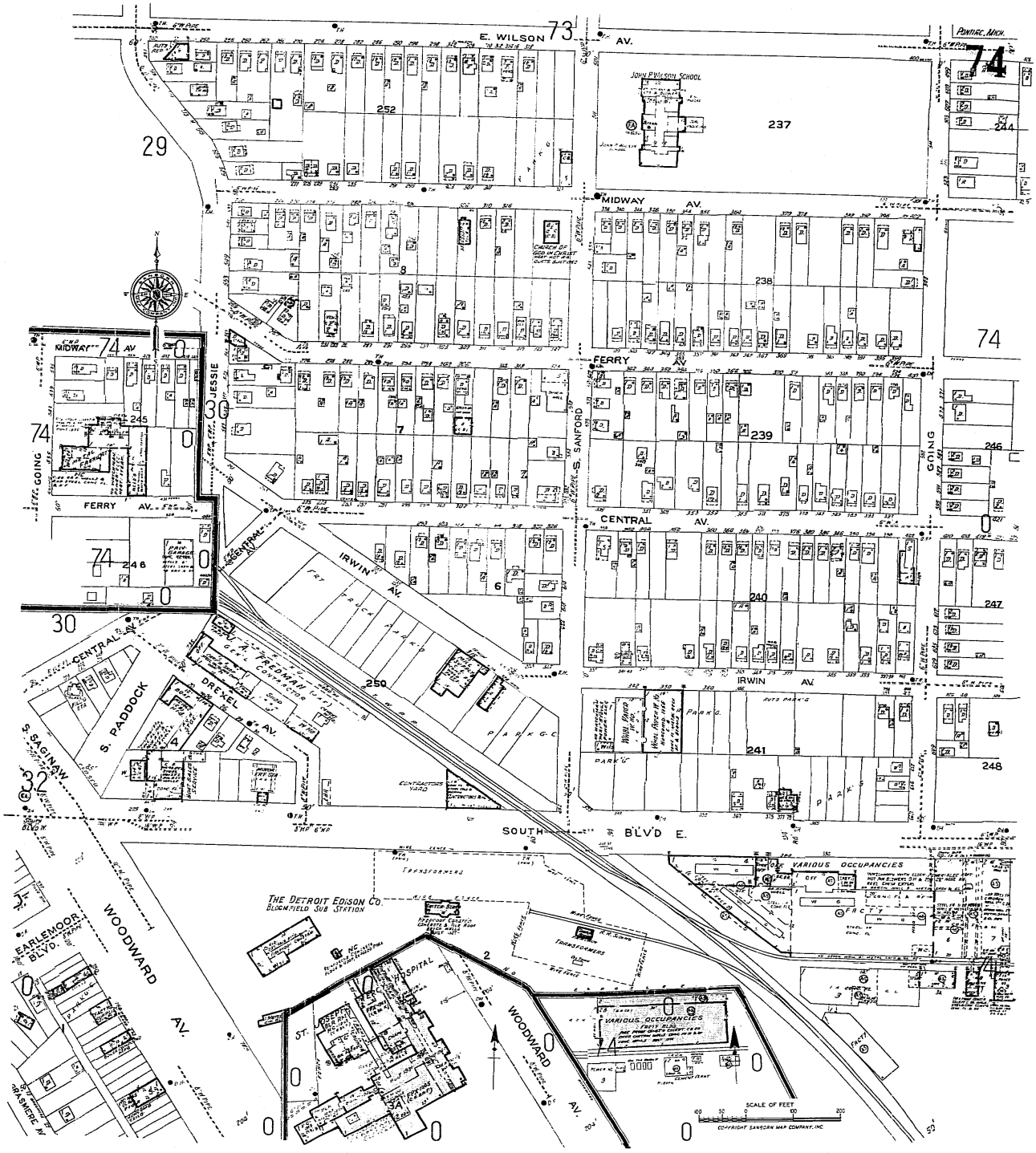
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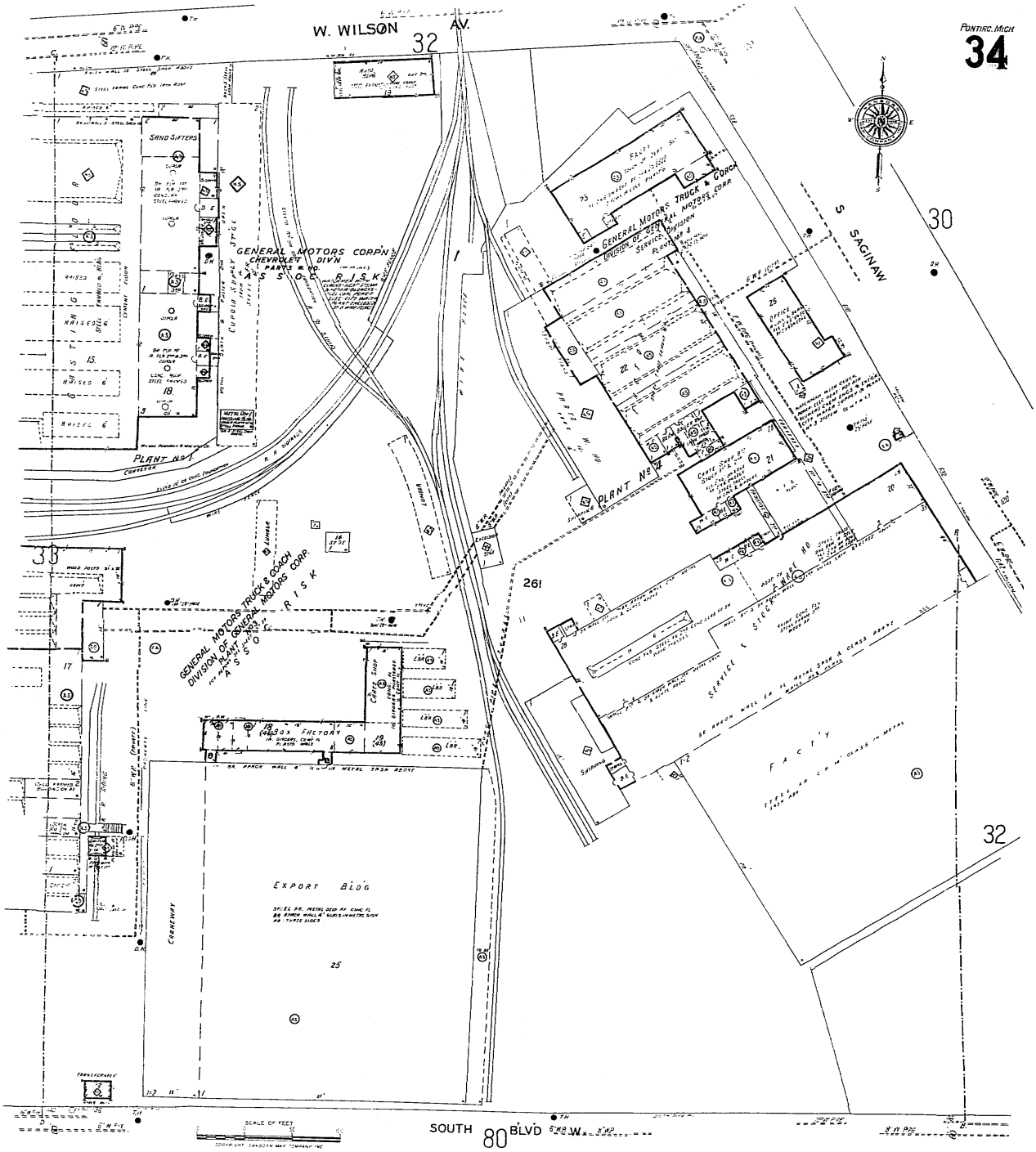


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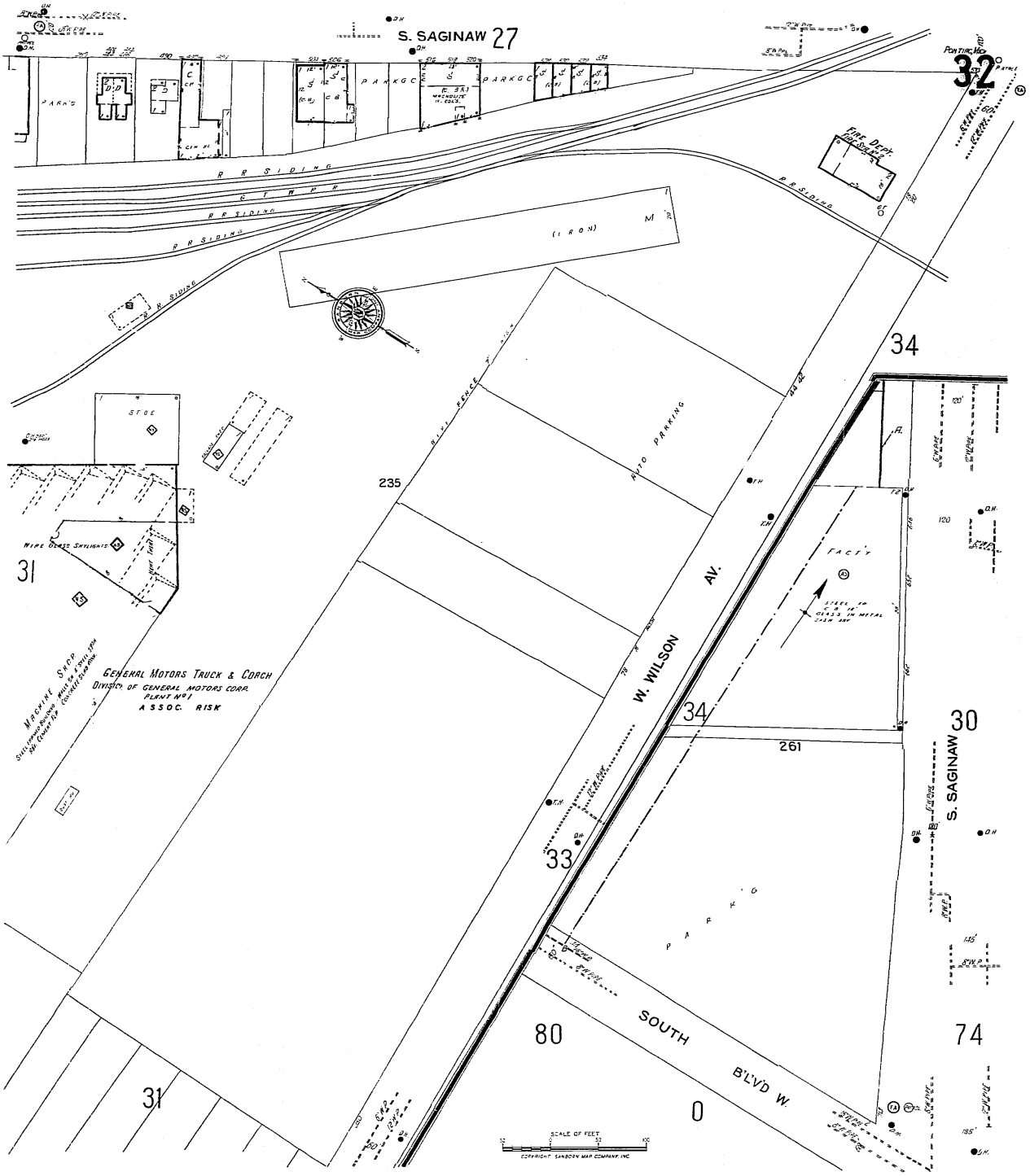




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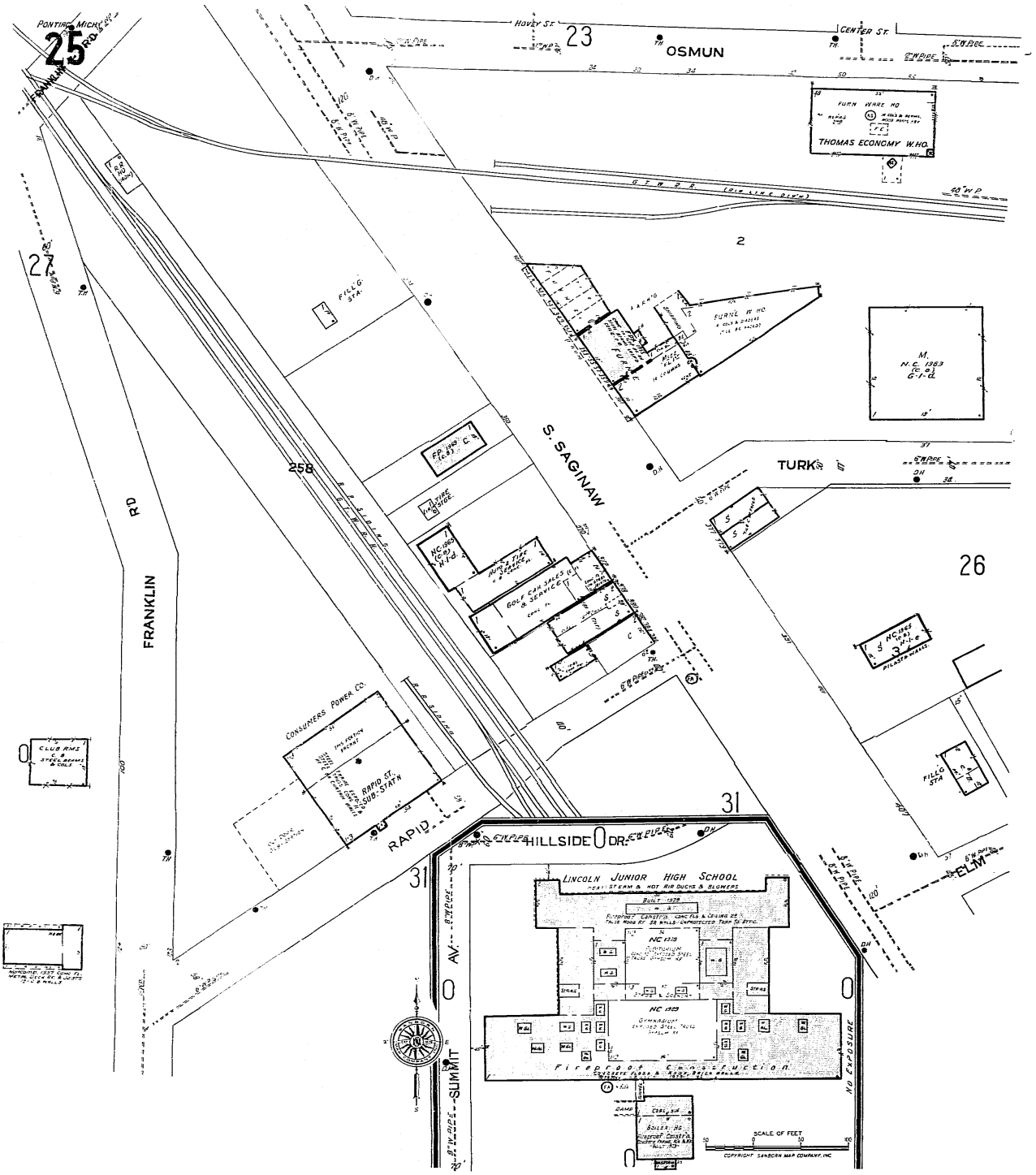
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APPENDIX F

AERIAL PHOTOGRAPHS



OakMap

Oakland County's Property Information Lookup System

Oakland County Michigan — ONE STOP SHOP

Disclaimer: The information provided herewith has been compiled from recorded deeds, plats, tax maps, surveys and other public records. It is not a legally recorded map or survey and is not intended to be used as one. Users should consult the information sources mentioned above when questions arise.

L. Brooks Patterson
Oakland County Executive

Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

2000 Aerials

Printed on Sep 19, 2006

Oakland County Planning and Economic Development Services 1200 North Telegraph Road Bldg. 34 East Pontiac, MI 48341 Phone: 248-858-0720 Web: http://www.oakgov.com/oss



OakMap

Oakland County's Property Information Lookup System

Oakland County Michigan — ONE STOP SHOP

L. Brooks Patterson
Oakland County Executive

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

1997 Aerials

Printed on Sep 19, 2006

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Oakland County Michigan — ONE STOP SHOP

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

1990 Aerials

Printed on Sep 19 2006

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Oakland County Michigan — ONE STOP SHOP

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

1980 Aerials

Printed on Sep 19, 2006

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Oakland County Michigan — ONE STOP SHOP

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

1974 Aerials

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

1963 Aerials

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

2002 Color

Printed on Sep 19, 2006

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Legend

- Parcel Lines
- CVT Boundaries
- Contours
- Section Lines
- Survey Corners

FEMA Data:

- Base Flood Elevation
- Cross Section
- Floodway

Floodplain

- 100 yr approx.
- 100 yr detailed
- 500 yr

NORTH

1 inch equals 300 feet

2005 Color

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The EDR Aerial Photo Decade Package

17322 - Pontiac, MI
South Blvd. West & Howard St.
Pontiac, MI 48341

Inquiry Number: 1706492.5

June 30, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Date EDR Searched Historical Sources:

Aerial Photography June 30, 2006

Target Property:

South Blvd. West & Howard St.

Pontiac, MI 48341

Year	***Scale***	***Details***	***Source***
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	D.E.
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


INQUIRY #: 1706492.5
YEAR: 1940
= 500'
N


INQUIRY #: 1706492.5
YEAR: 1949
= 500'
N


INQUIRY #: 1706492.5
YEAR: 1957
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 1706492.5
YEAR: 1964
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 1706492.5
YEAR: 1972
= 600'
N
EDR Environmental Data Resources Inc


INQUIRY #: 1706492.5
YEAR: 1980
= 500'
N


INQUIRY #: 1706492.5
YEAR: 1993
= 600'
N


INQUIRY #: 1706492.5
YEAR: 2000
= 500'
N

APPENDIX G

HISTORICAL TOPOGRAPHIC MAPS

17322
Jim Quigley
Lansing

EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

17322 - Pontiac, MI
South Blvd. West & Howard St.
Pontiac, MI 48341

Inquiry Number: 1706492.4

June 29, 2006

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Milford, Connecticut 06461

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Thank you for your business.

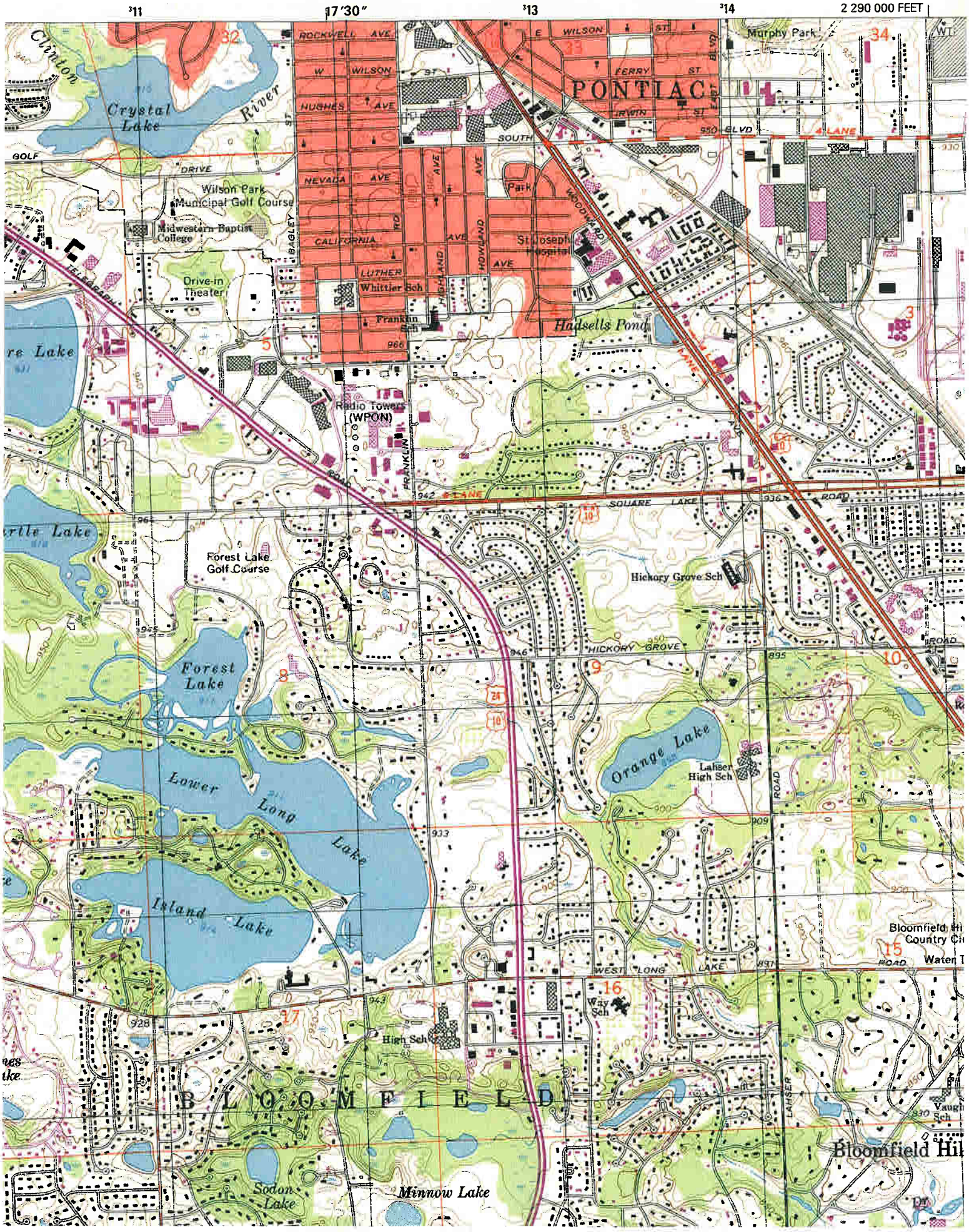
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with any questions or comments.

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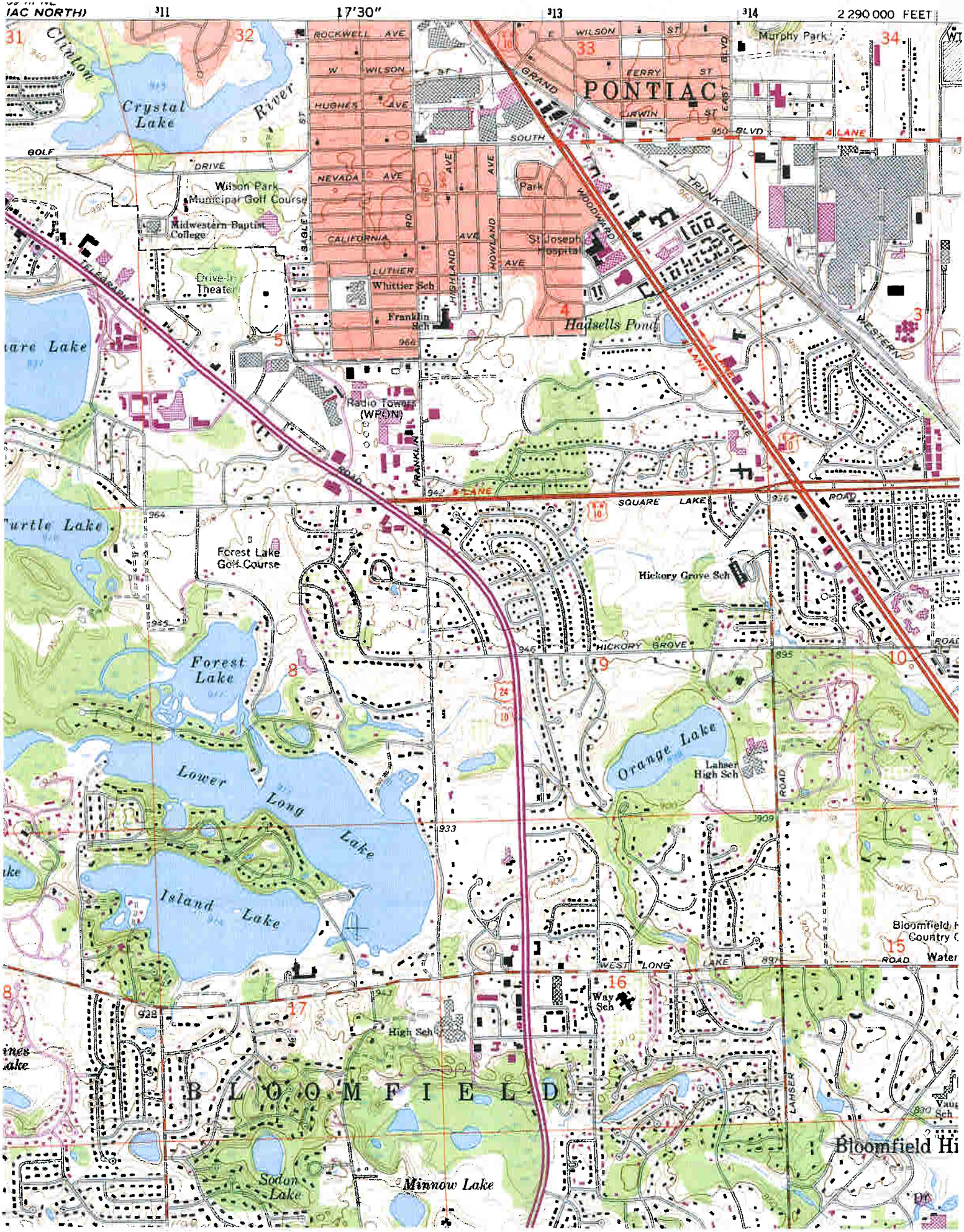
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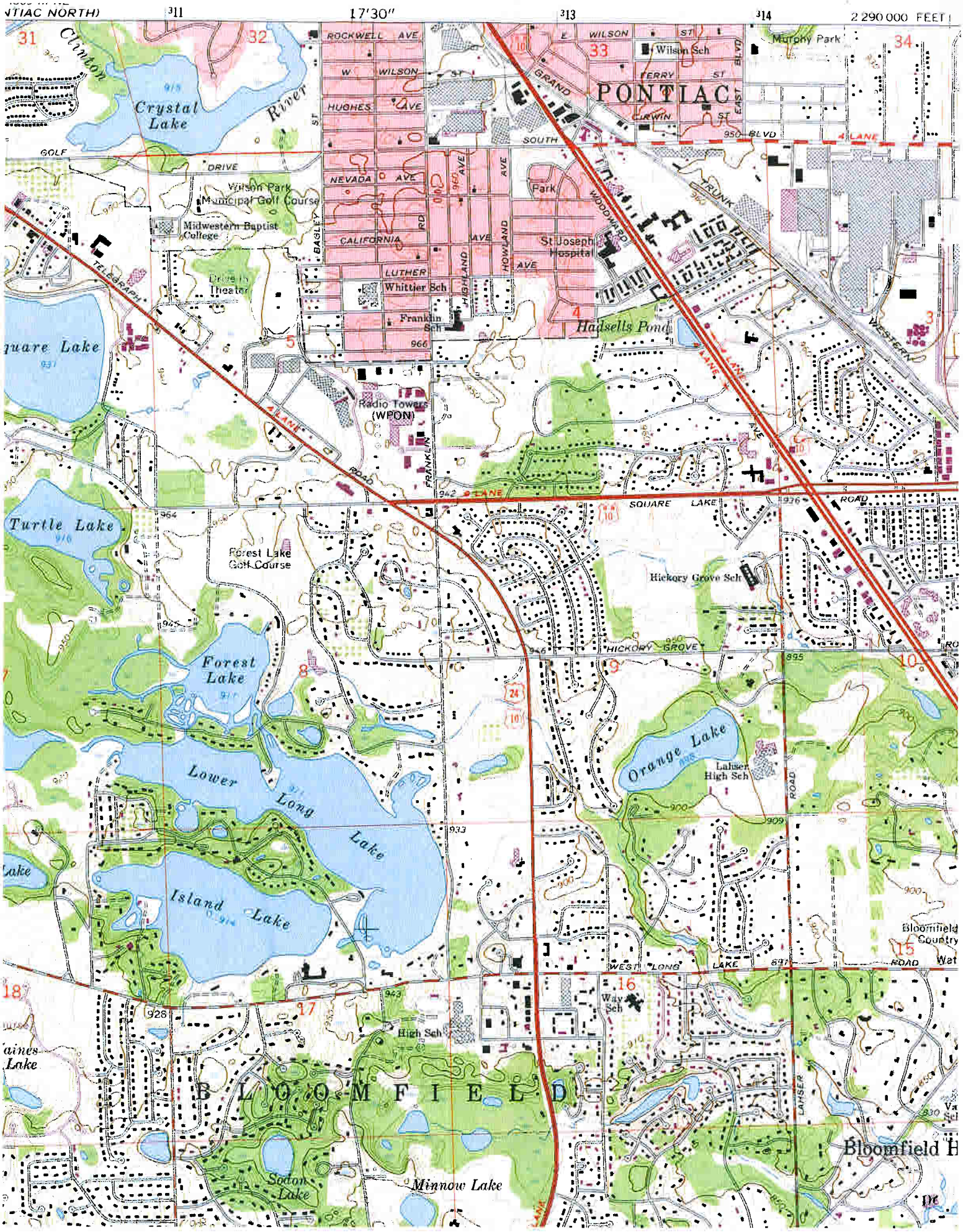
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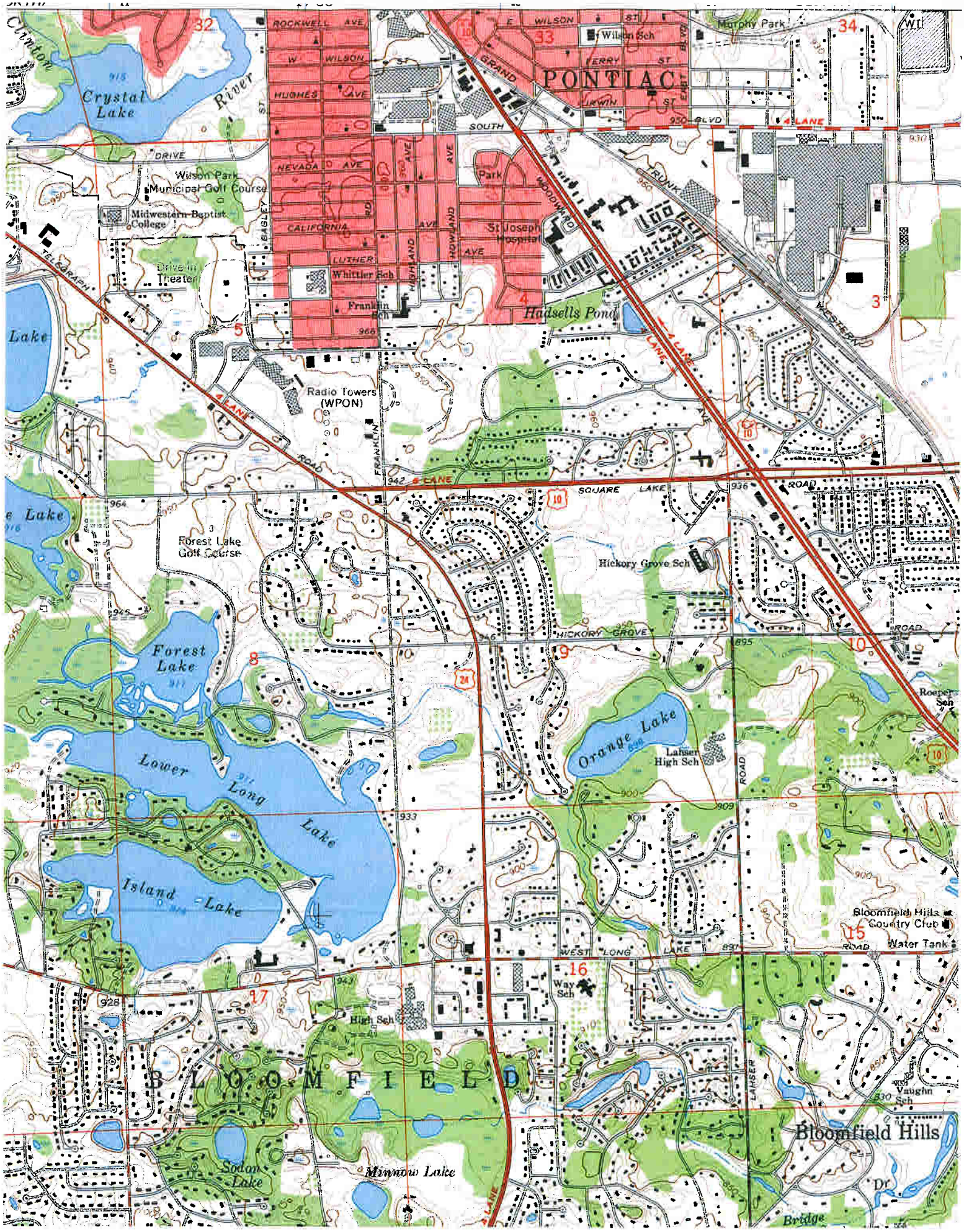
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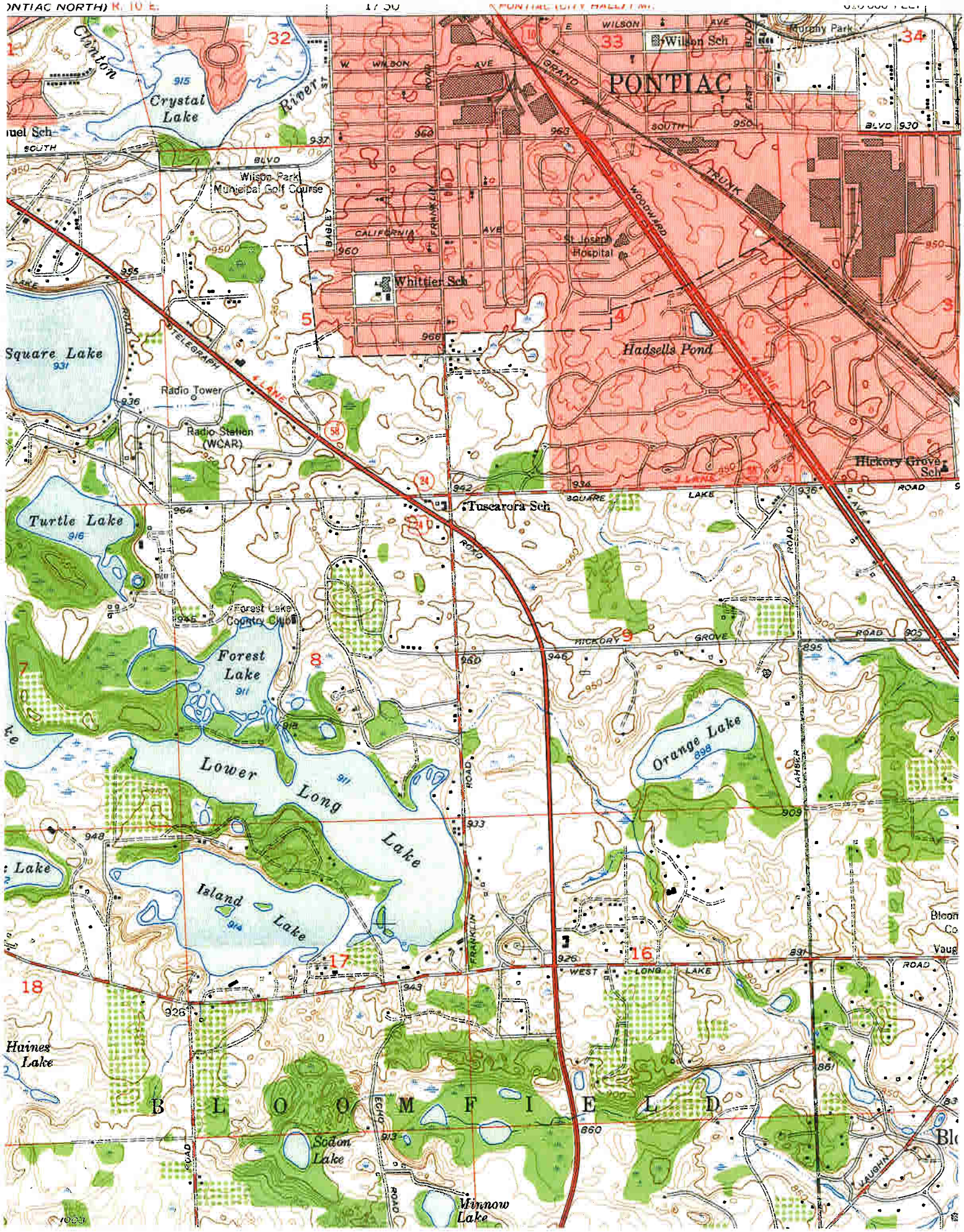
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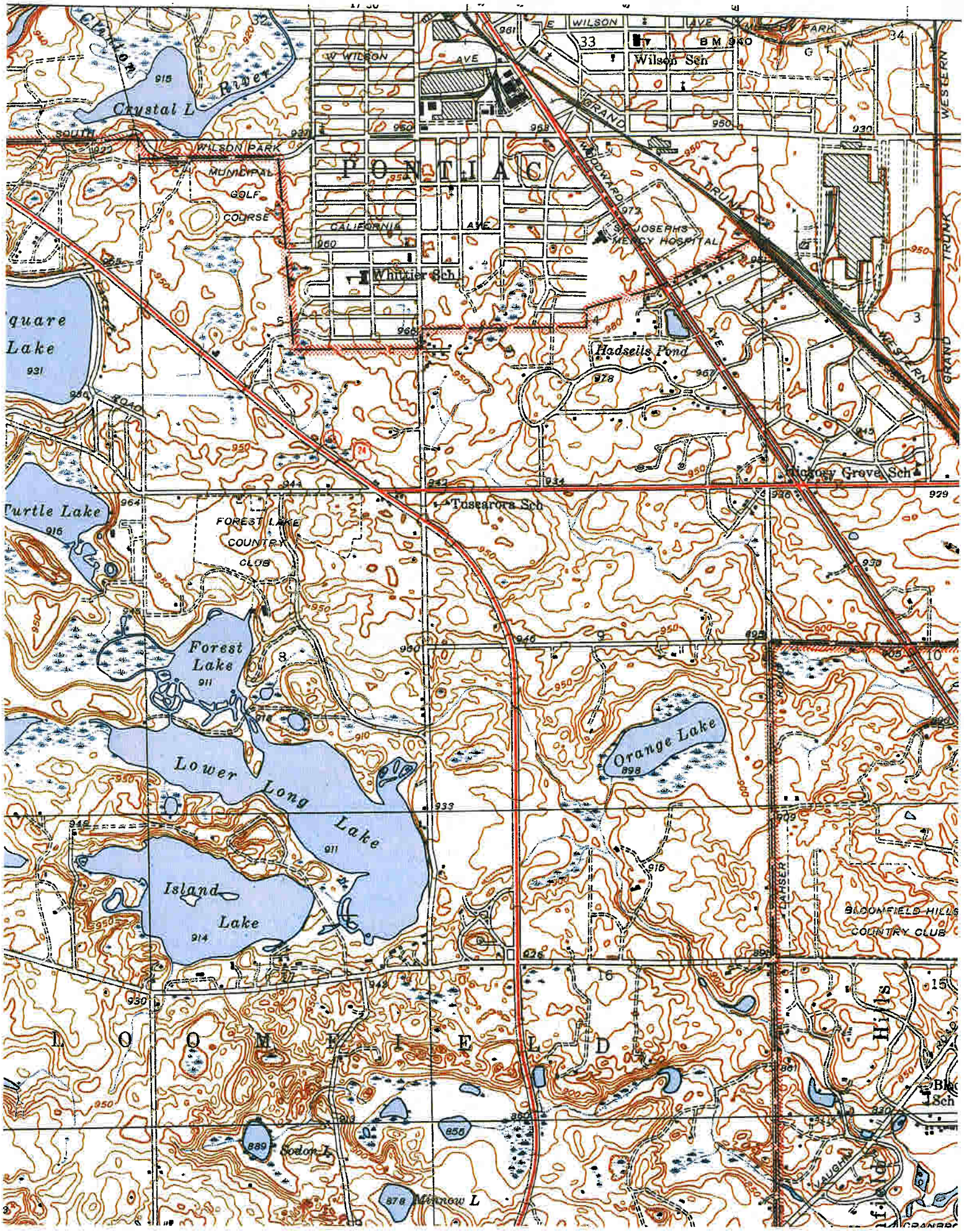
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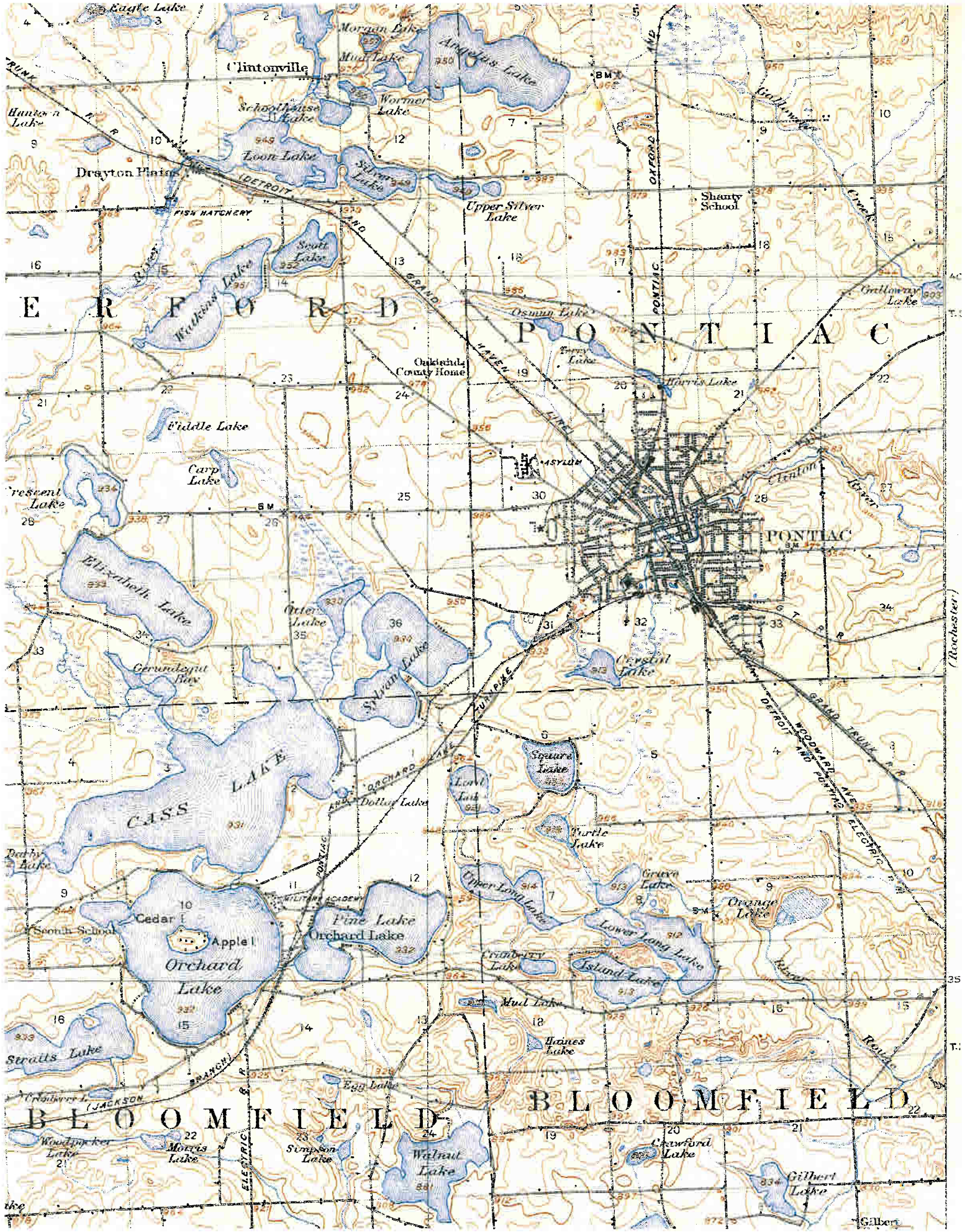
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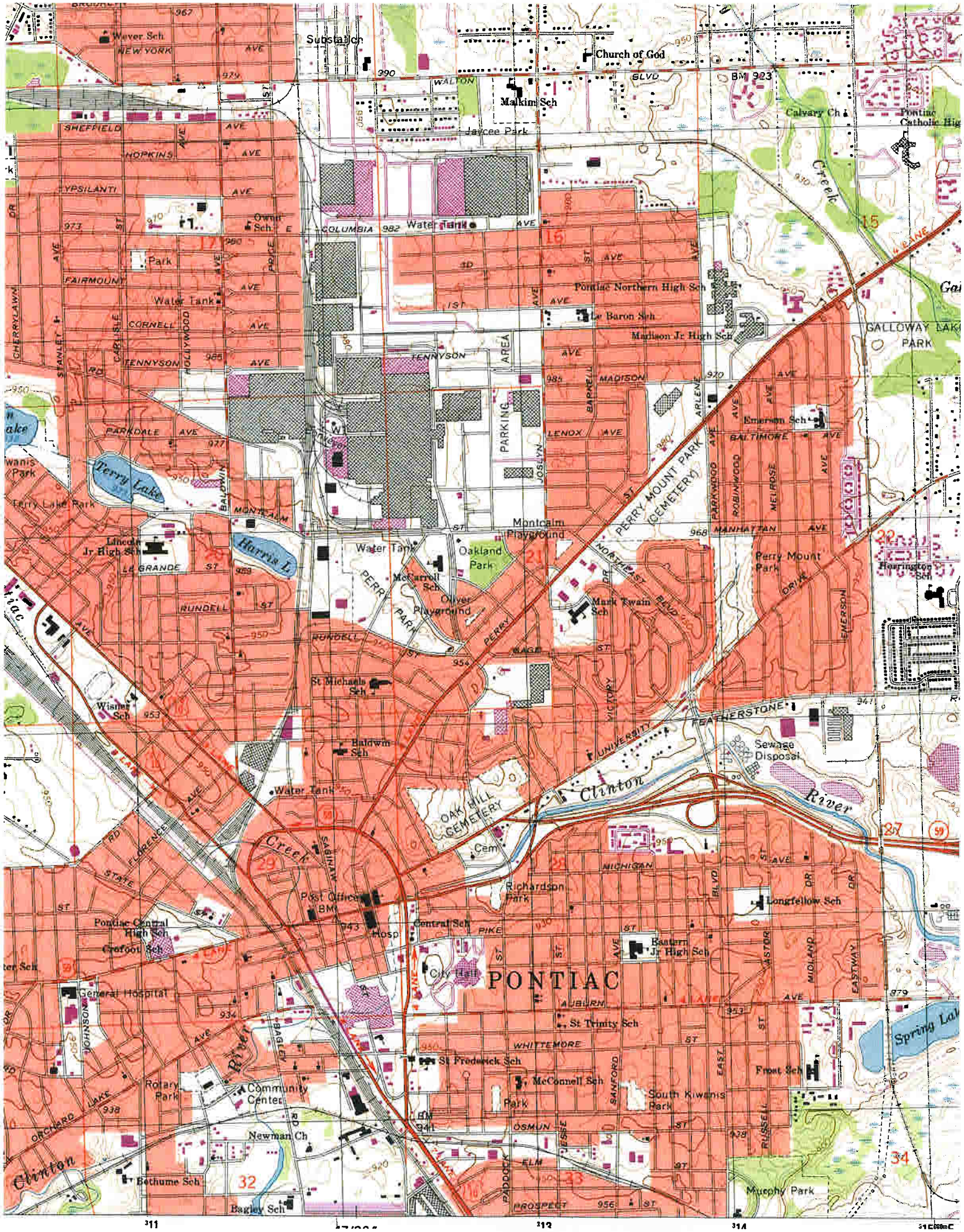
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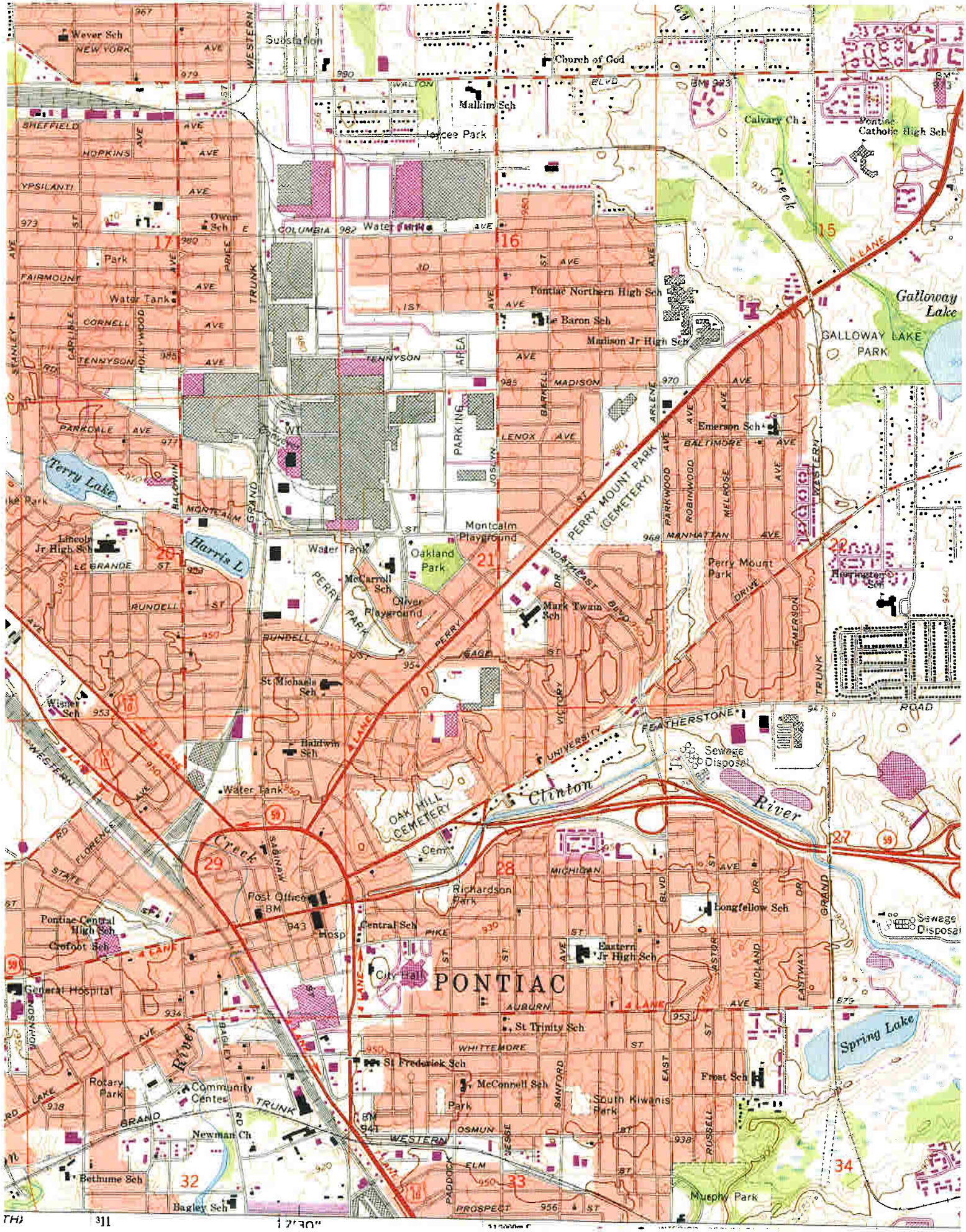
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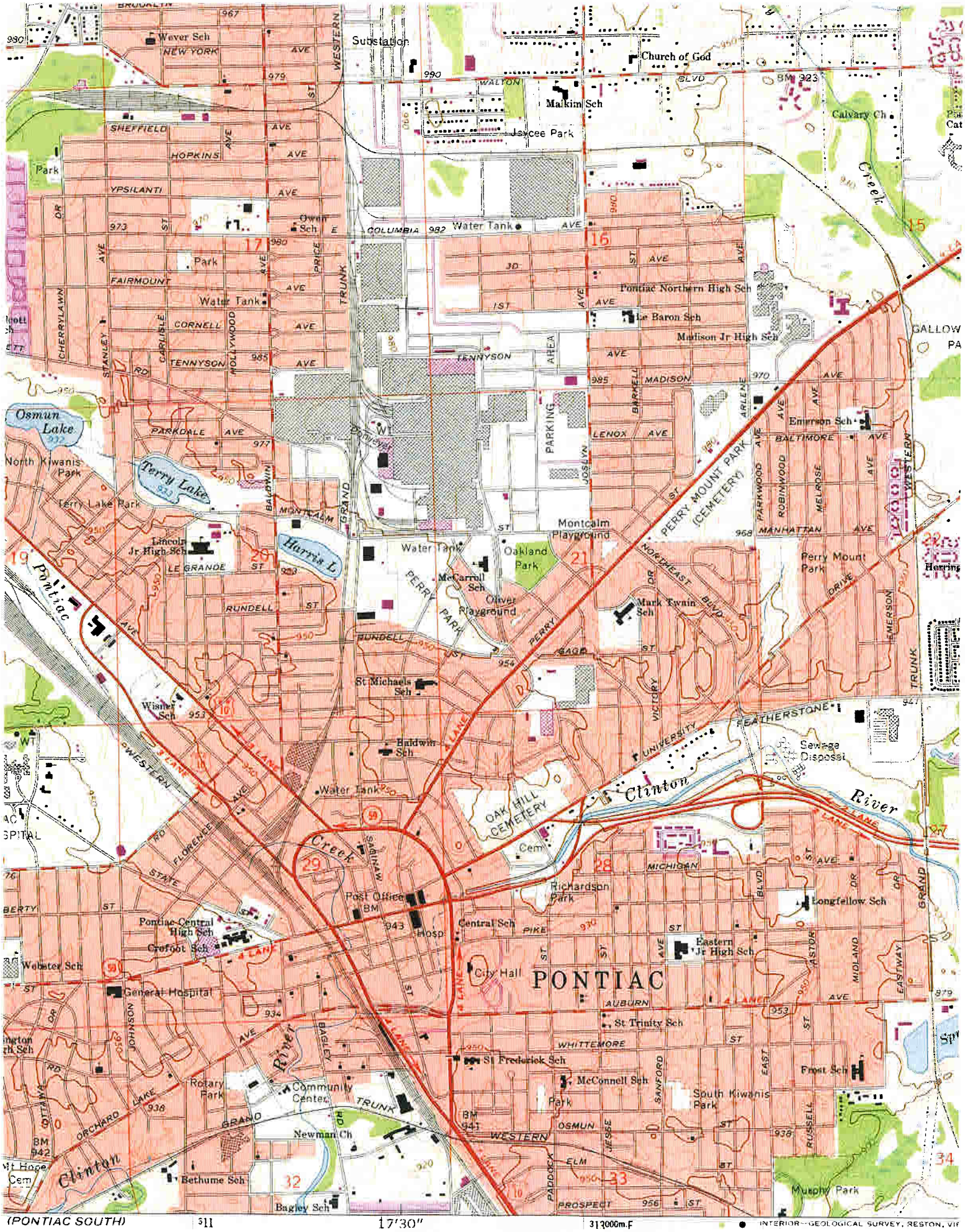
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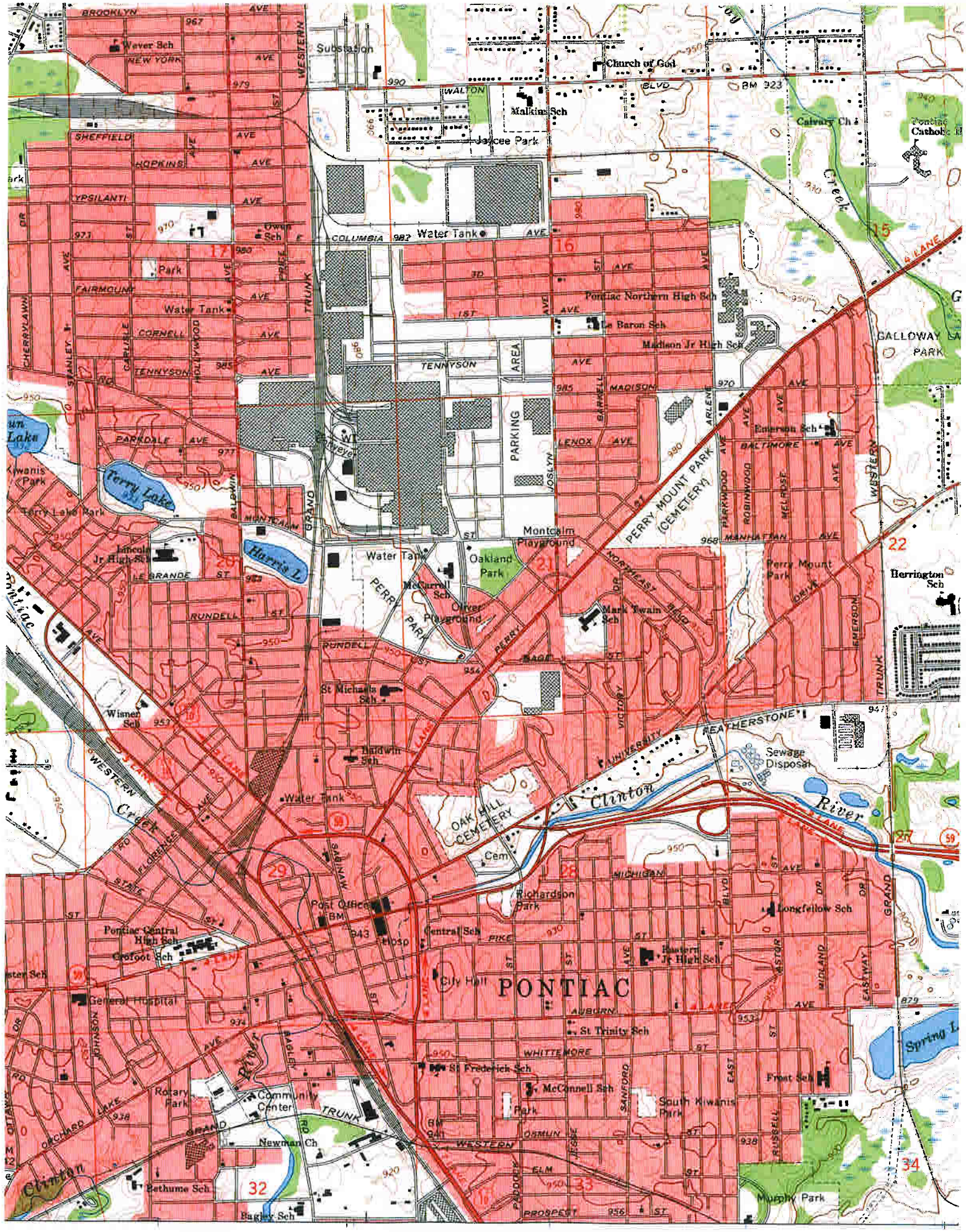
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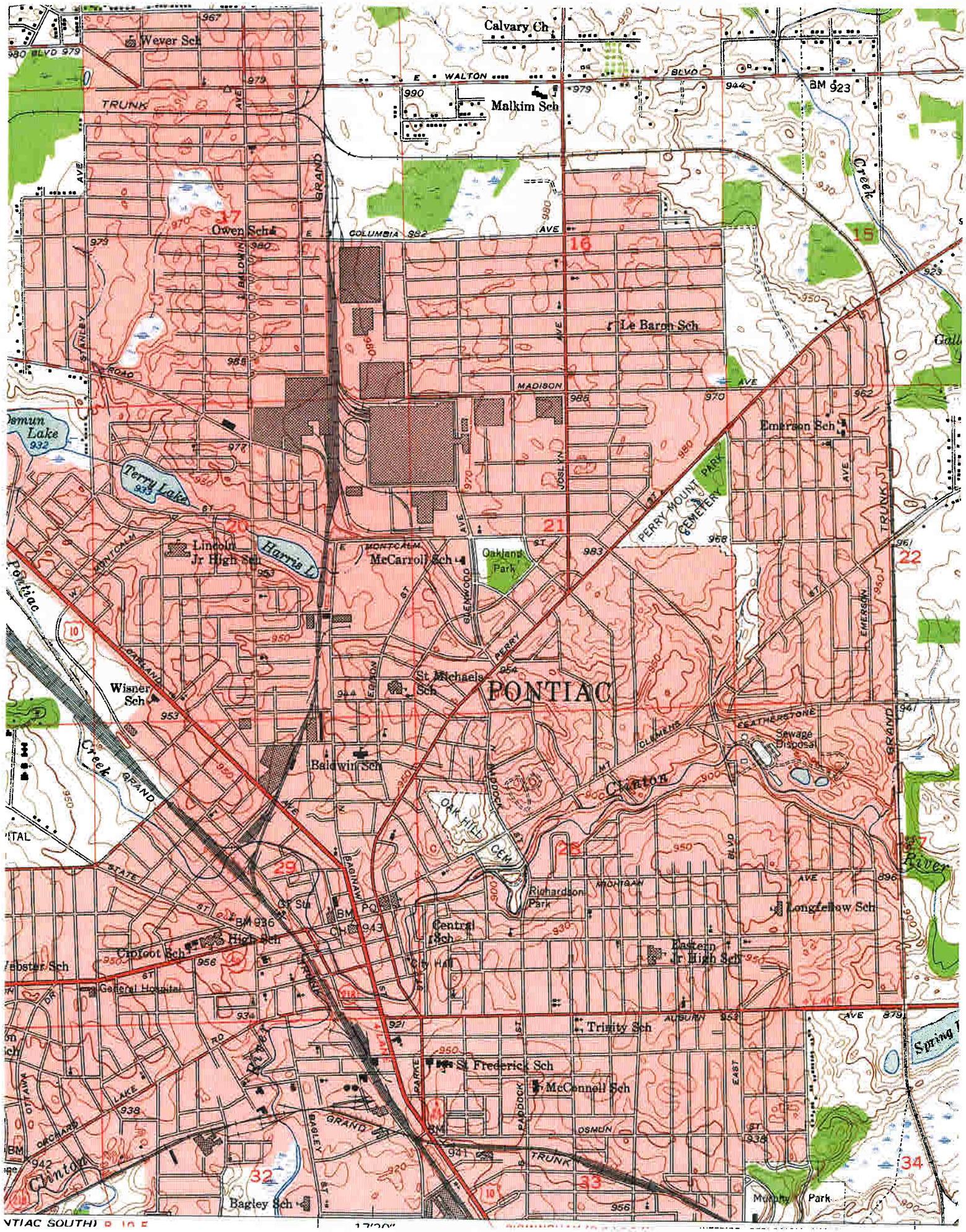
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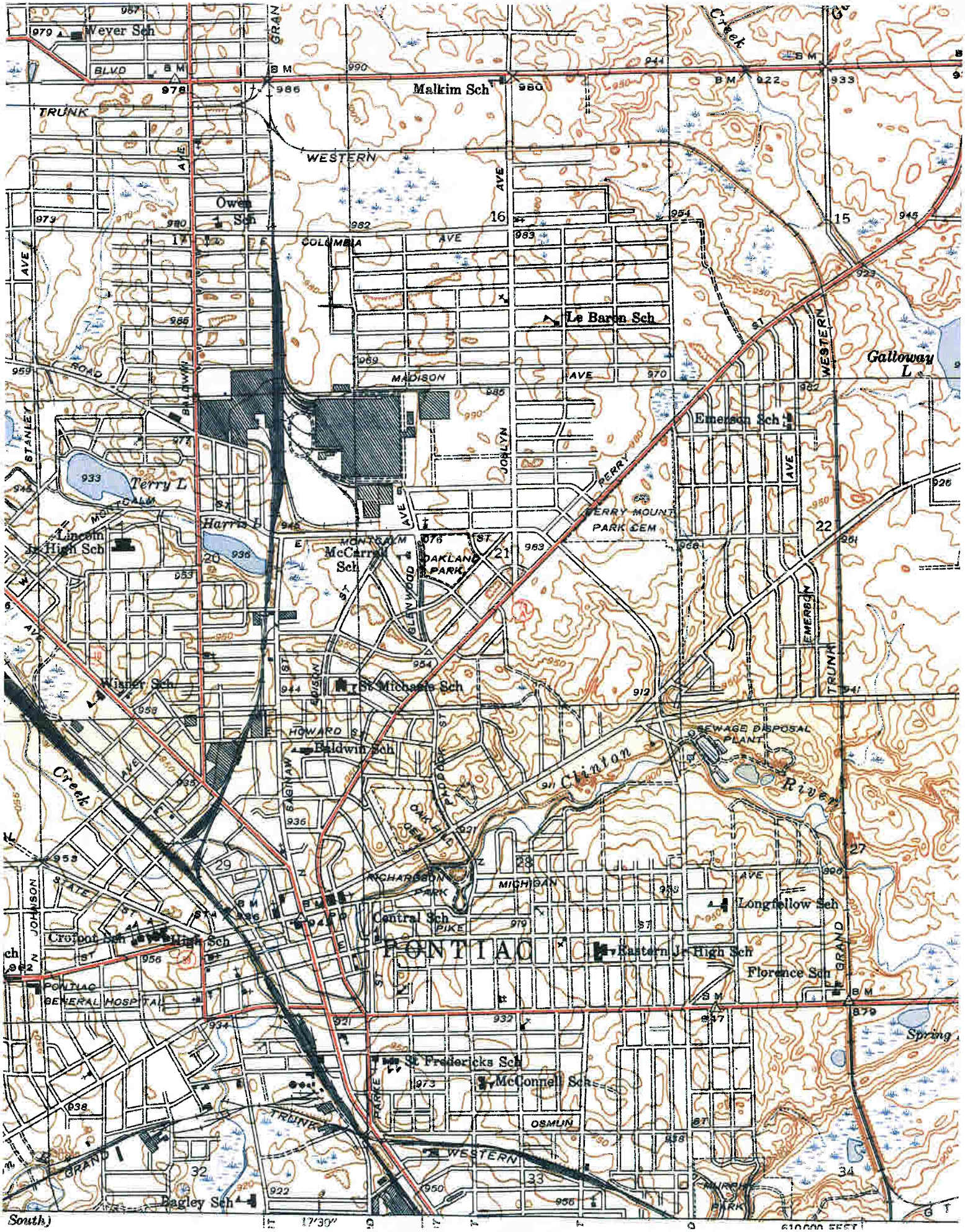
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N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH YEAR: 1952 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH YEAR: 1943 Series: 7.5' Scale: 1:24,000

APPENDIX H

CITY DIRECTORY SEARCH

17322-06-201090 - Pontiac, MI
45635 Woodward
Pontiac, MI 48341

Inquiry Number: 2402299.4
January 22, 2009

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

EDR City Directory Abstract

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

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2008. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: January 22, 2009

Target Property:
45635 Woodward
Pontiac, MI 48341

Year	Uses	Source
1923	Address Not Listed in Research Source	Polk's City Directory
1927	Address Not Listed in Research Source	Polk's City Directory
1931	Address Not Listed in Research Source	Polk's City Directory
1939	Address Not Listed in Research Source	Polk's City Directory
1945	Address Not Listed in Research Source	Polk's City Directory
1952	Address Not Listed in Research Source	Polk's City Directory
1957	Address Not Listed in Research Source	Polk's City Directory
1962	Address Not Listed in Research Source	Polk's City Directory
1973	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1978	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1983	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1988	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1993	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1998	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
2003	Sammy's Market	Bresser's Criss-Cross Directory
2008	Address Not Listed in Research Source	Bresser's Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Pontiac, MI 48341

Year	Uses	Source
1923	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory

Year	Uses	Source
1923	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1927	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory
	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1931	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory
	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory

Year	Uses	Source
1931	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1939	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory
	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1945	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory
	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1952	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
	Address not listed in research source (45580)	Polk's City Directory
	Address not listed in research source (45601)	Polk's City Directory
	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory

Year	Uses	Source
1952	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1957	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
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	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1962	****WOODWARD** AKA SOUTH SAGINAW**	Polk's City Directory
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	Address not listed in research source (45632)	Polk's City Directory
	Address not listed in research source (45646)	Polk's City Directory
	Address not listed in research source (45662)	Polk's City Directory
	Address not listed in research source (45671)	Polk's City Directory
	-Woodward Changes to South Saginaw Street	Polk's City Directory
	-All Addresses on South Saginaw Street Renumbered	Polk's City Directory
1973	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory

Year	Uses	Source
1973	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
	Address not listed in research source (45646)	Bresser's Criss-Cross Directory
	Address not listed in research source (45662)	Bresser's Criss-Cross Directory
	Address not listed in research source (45671)	Bresser's Criss-Cross Directory
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	-All Addresses on South Saginaw Street Renumbered	Bresser's Criss-Cross Directory
1978	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory
	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
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	Address not listed in research source (45671)	Bresser's Criss-Cross Directory
	-Woodward Changes to South Saginaw Street	Bresser's Criss-Cross Directory
	-All Addresses on South Saginaw Street Renumbered	Bresser's Criss-Cross Directory
1983	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory
	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
	Address not listed in research source (45646)	Bresser's Criss-Cross Directory
	Address not listed in research source (45662)	Bresser's Criss-Cross Directory
	Address not listed in research source (45671)	Bresser's Criss-Cross Directory
	-Woodward Changes to South Saginaw Street	Bresser's Criss-Cross Directory

Year	Uses	Source
1983	-All Addresses on South Saginaw Street Renumbered	Bresser's Criss-Cross Directory
1988	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory
	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
	Address not listed in research source (45646)	Bresser's Criss-Cross Directory
	Address not listed in research source (45662)	Bresser's Criss-Cross Directory
	Address not listed in research source (45671)	Bresser's Criss-Cross Directory
	-Woodward Changes to South Saginaw Street	Bresser's Criss-Cross Directory
	-All Addresses on South Saginaw Street Renumbered	Bresser's Criss-Cross Directory
1993	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory
	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
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1998	****WOODWARD** AKA SOUTH SAGINAW**	Bresser's Criss-Cross Directory
	Address not listed in research source (45580)	Bresser's Criss-Cross Directory
	Address not listed in research source (45601)	Bresser's Criss-Cross Directory
	Address not listed in research source (45632)	Bresser's Criss-Cross Directory
	Address not listed in research source (45646)	Bresser's Criss-Cross Directory

Year	Uses	Source
1998	Address not listed in research source (45662)	Bresser's Criss-Cross Directory
	Address not listed in research source (45671)	Bresser's Criss-Cross Directory
	-Woodward Changes to South Saginaw Street	Bresser's Criss-Cross Directory
	-All Addresses on South Saginaw Street Renumbered	Bresser's Criss-Cross Directory
2003	****WOODWARD****	Bresser's Criss-Cross Directory
	Applied Ind. (45580)	Bresser's Criss-Cross Directory
	Robert M. Price & Sons McHl. (45601)	Bresser's Criss-Cross Directory
	Rena's Unisex Salon (45632)	Bresser's Criss-Cross Directory
	Address not listed in research source (45646)	Bresser's Criss-Cross Directory
	Miracle Mnstrs. (45662)	Bresser's Criss-Cross Directory
	Bloomfield Eurotech Import (45671)	Bresser's Criss-Cross Directory
	Woodwardautocom (45671)	Bresser's Criss-Cross Directory
2008	****WOODWARD****	Bresser's Criss-Cross Directory
	Applied Michigan, Ltd. (45580)	Bresser's Criss-Cross Directory
	Robert M. Price & Sons, Inc. (45601)	Bresser's Criss-Cross Directory
	Rena's Unisex Salon (45632)	Bresser's Criss-Cross Directory
	Residence (45646)	Bresser's Criss-Cross Directory
	Apartments (45662)	Bresser's Criss-Cross Directory
	Bloomfield Eurotech Auto Sales & Ser. (45671)	Bresser's Criss-Cross Directory
	Woodward Auto (45671)	Bresser's Criss-Cross Directory

APPENDIX I

SITE PHOTOGRAPHS



Photo 1: Office Building in the northeast corner of the Site

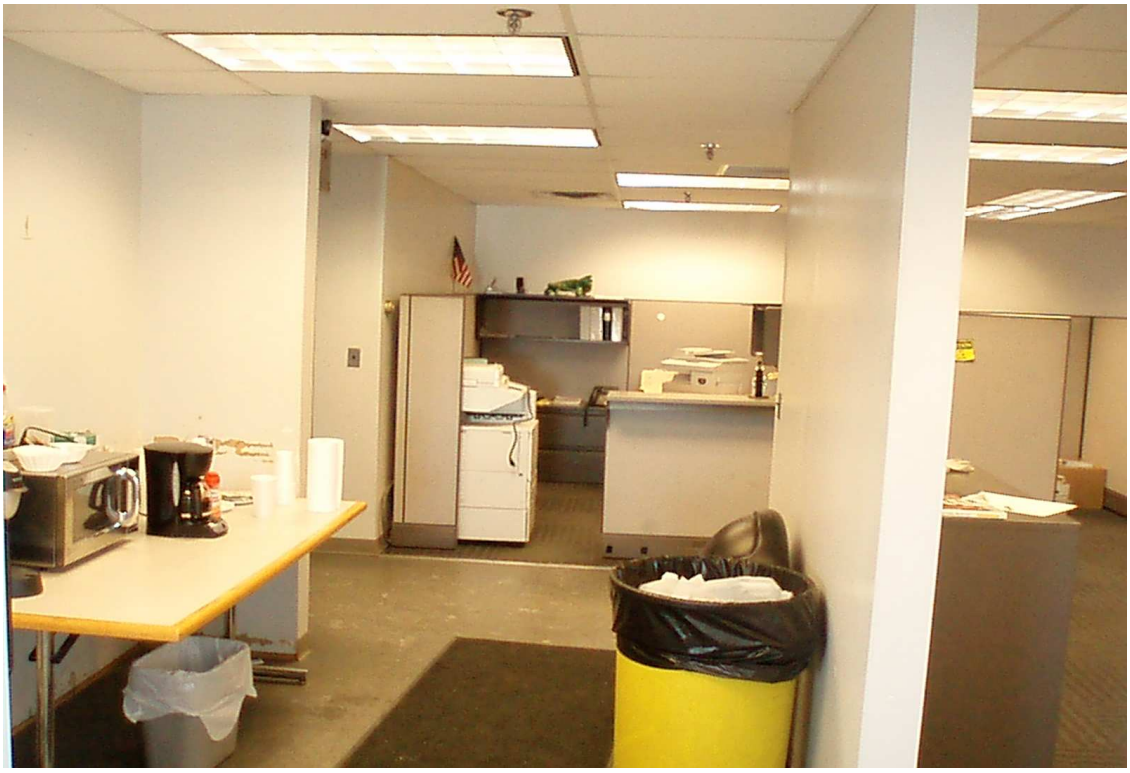


Photo 2: Interior of the office building



Photo 3: Waste One dumpster (foreground) and Road Diesel AST (background)



Photo 4: Road Diesel AST



Photo 5: Main Parking Lot area of the Site



Photo 6: 20-gallon used oil container north of Building 30



Photo 7: Building 30 (exterior)



Photo 8: Vehicle wash chemical AST in Building 30 (appeared to be empty)



Photo 9: Compressed gas cylinders in Building 30



Photo 10: Miscellaneous drums stored in Building 30



Photo 11: Staining on the concrete floor in Building 30 near the drums



Photo 12: Staining and absorbent near the trench drain in the car wash bay (Buiilding 30)



Photo 13: Adjacent property south of the Site (AST Farm)



Photo 14: Adjacent property north of Site (Planet Rock)



Photo 15: Adjacent property west of the Site (residential)



Photo 16: Adjacent property east of the Site (rail spur)