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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
VACANT PARCEL
6560 CASS AVENUE
DETROIT, MICHIGAN 48202**

PREPARED FOR:

ENCORE

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

DATE: NOVEMBER 15, 2002

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(Signature)

Brad Saunders

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(Title)

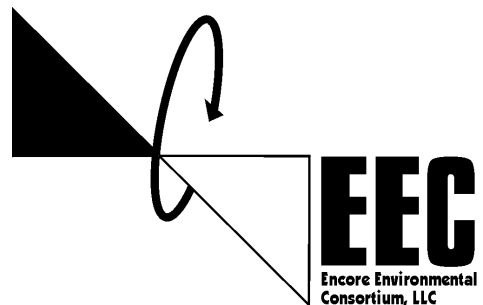


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EXECUTIVE SUMMARY

Encore Environmental Consortium, LLC (EEC) has conducted a Phase I Environmental Site Assessment (ESA) of a 0.23-acre vacant parcel of land located at 6560 Cass Avenue in Detroit, Michigan (herein referred to as “the Site”). The purpose of the Phase I ESA was to identify and document the current and historical environmental conditions of the Site and the presence of substances which indicate an existing, past, or potential adverse environmental impact to the air, soil, groundwater, or surface waters as a result of operations on the Site and adjacent and surrounding properties, and which indicate that further investigation may be necessary to evaluate potential environmental liabilities associated with the Site.

This Phase I ESA was performed in general accordance with the ASTM E 1527-00 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and other client-specified requirements. The investigation was intended to identify Recognized Environmental Conditions (RECs) as defined by the ASTM E 1527-00 Standard.

A. RECOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of RECs in connection with the Site:

B. HISTORICAL RECs

This assessment has revealed the following evidence of historical RECs in connection with the Site:

- The Site was the former location of the Stephenson Building (a.k.a. Boulevard Center Building), a ten-story high building with a basement that existed from approximately 1925 to 1985. The building housed several retail, banking, and restaurant businesses. With information regarding characterization of the soils during demolition and removal activities, the possibility of former hydraulic-powered elevators and electrical equipment fluids impacting soil at the Site represents a potential historical REC.

C. OTHER ENVIRONMENTAL ISSUES

In addition to the ASTM standard, this assessment evaluated other client-specified criteria for the Site. This assessment has revealed the presence of the following other environmental issues.

Site Development Issues:

- Historic records and interviews reflected that 1) a dry cleaning business formerly operated in a building located in the nearby vicinity of the Site to the east, and 2) an auto service garage with fueling operations formerly operated adjacent to and south of the Site. In consideration of hazardous substances used in these operations, the former presence of these businesses in the vicinity of the Site and potential migration of contamination onto the Site represents a Site development issue.
- The Environmental Database Report indicates that several leaking underground storage tank (LUST) facilities with an open remediation status exist within 1/2-mile of the Site, some of which are projected up-gradient groundwater flow northeast of the Site. Facilities include the Former Woodward Road Gas-Row on Woodward Avenue, Central Quality Services Corporation on East Grand Boulevard, and Outdoor Systems Inc. on Custer Street. The potential impact of Site soils and groundwater from nearby LUST facilities represents a potential Site development issue. However, the probability of impact is minimal given the distance of the Site from the LUST facilities, the generally permeability of soil in the area, and the presence of numerous utility corridors in the area.

1.0 INTRODUCTION

A Phase I Environmental Site Assessment (ESA) has been performed for a 0.23-acre vacant parcel of land located at 6560 Cass Avenue in Detroit, Michigan (herein referred to as “the Site”; see Figure 1 and Figure 2, Appendix A).

The purpose of this Phase I ESA was to identify and document the current and historical environmental conditions of the Site and the presence of substances which indicate an existing, past, or potential adverse environmental impact to the air, soil, groundwater or surface waters as a result of operations on the Site and adjacent and surrounding properties, and which indicate that further investigation may be necessary to evaluate potential environmental liabilities associated with the Site. The investigation was also intended to identify Recognized Environmental Conditions (RECs) as defined by the ASTM E 1527-00.

The ASTM standard defines a REC as *“the presence or likely presence of any hazardous substances or petroleum products on a property (Site) under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on a property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.”*

The conclusions regarding the potential impact of RECs on the Site are intended to help the client and other users of the report evaluate the “business environmental risk” associated with the Site, as defined in the ASTM E 1527-00 Standard. The ASTM Standard defines “business environmental risk” as *“a risk which can have a material environmental or environmentally-driven financial impact on the business associated with the current or planned use of a parcel of commercial real estate.”*

1.1 SCOPE OF WORK

The following scope of work was undertaken, in accordance with ASTM Phase I ESA Standard requirements and client-specified requirements:

- Task 1 A Site reconnaissance was conducted to visually and physically observe the Site in an effort to obtain information suggesting Recognized Environmental Conditions of potential concern, including:
- Observing and recording the physical setting of the Site.
 - Observing and documenting the property and land use, including abutting and surrounding properties.
 - Interviewing the current property owner/tenants/maintenance chief to obtain information on current and past operations that may have led to a release of oil, gasoline, solvents, or hazardous material(s) to the soil or ground water and information regarding the presence of underground storage tanks (USTs), hydraulic lifts, asbestos, lead-based paint, polychlorinated biphenyls (PCBs), etc. on Site.
 - Observing and documenting the Site conditions that may be indicative of past and present releases and practices, including taking color photographs showing the general property and surrounding areas.
 - Observing and documenting the presence and/or absence and the condition and apparent regulatory compliance status of prior and current aboveground storage

tanks (ASTs), USTs, chemical storage areas, hydraulic lifts, septic fields, drainage systems, oil/water separators, central vehicle fluid (i.e., oil, grease, transmission fluid, etc.) dispensing systems, etc., including taking color photographs showing the location and condition of these observed areas.

- Observing and recording the presence or absence of chemical substances and/or debris on site, including the number of drums/containers, size estimated quantity, and a description/identification of the contents where possible.

Task 2 A Site history review was performed to evaluate previous ownership and land use including:

- Local geology/hydrogeology;
- Groundwater well inventory;
- Groundwater use;
- Interviews with local officials from the fire marshal's office, town or city engineer's and assessor's office, etc.;
- Review of information from town or city historical societies, libraries, etc.; and
- Review of historic aerial photographs, Sanborn or other fire insurance maps, etc.

Task 3 An electronic database search report was generated for the Site by Environmental Data Resources, Inc. (EDR) to complete the environmental records review. The database search was used to identify properties that may be listed in the referenced Agency records, located within the ASTM-specified search radii indicated below. The databases reviewed included, but were not limited to:

<u>Database</u>	<u>Search Radius</u>
• NPL sites:.....	1 mile
• CERCLIS sites:.....	0.5 mile
• CERCLIS NFRAP sites	Site and Adjoining
• Federal ERNS:	Site only
• RCRA non-CORRACTS TSD facilities:	0.5 mile
• RCRA CORRACTS TSD facilities:	1 mile
• RCRA Generators:	Site & Adjoining
• State Hazardous Waste Sites:	1 mile
• Registered Underground Storage Tanks:	Site & Adjoining
• State Landfills and Solid Waste Disposal Sites:	0.5 mile
• State Leaking Underground Storage Tanks:	.0.5 mile

A summary of information is provided for each of the above-listed databases in Section 2 of this report. The complete environmental database report is provided in Appendix D.

The database search was supplemented with inquiries with appropriate regulatory agencies and municipalities regarding the Site, and to the extent practicable, adjacent properties. Inquiries were made with regulatory agencies with regard to basic regulatory compliance issues for the Site, such as Site drainage, permits, etc.

Task 4 A preliminary asbestos, PCB, lead-based paint, and radon review was performed based on: observations of the Site reconnaissance and property location, the age(s) of the buildings, building materials, discussions with the owner/tenant/operator and the local utility company, and the results of the database search discussed in Task 3.

Task 5 The findings of the ESA have been documented in this report, which presents a professional opinion as to the environmental disposition of the Site with regard to the presence of Recognized Environmental Conditions or other or other environmental issues.

1.2 EXCEPTIONS AND DEVIATIONS

1.2.1 Exceptions

No exceptions to ASTM E1527-00 were taken during this Phase I ESA.

1.2.2 Deviations

Deviations from the ASTM Standard 1527-00 included addition of several client-specified, non-ASTM considerations.

- Preliminary review of potential for radon gas presence and accumulation;
- Preliminary Asbestos-Containing Material (ACM) evaluation;
- Preliminary lead-based paint presence evaluation;
- Preliminary Wetlands Identification; and
- Preliminary observations regarding potential environmental regulatory compliance issues.

Evaluation of the Site for these criteria was performed for the purpose of providing a general indication of potential problems; this assessment does not serve as a substitute for radon/ACM/lead paint testing, wetlands delineation or a regulatory compliance audit.

2.0 ASSESSMENT FINDINGS

Information obtained from the sources and activities described in Section 1.0 are presented in the following section. Information supporting the observations in this report is provided in the Appendices. The Site Location, Site Map, and Surrounding Property Map are provided in Appendix A. A list of contacts used to prepare this Phase I ESA report is provided in Appendix B. Appendix B also includes environmental correspondence records from telephone interviews and/or visits and resultant data collected. Photographic documentation is provided in Appendix C. The environmental database report is provided in Appendix D. Historical information is provided in Appendix E. Documentation that no previous reports were available is provided in Appendix F. Resumes of the EEC personnel who prepared this ESA are provided in Appendix G.

2.1 SITE RECONNAISSANCE

On November 13, 2002, EEC completed the Site reconnaissance. The Site reconnaissance included an inspection of the Site, visual observations of adjacent properties as viewed from the Site and surrounding roadways, and interviews with individuals familiar with the Site. Site personnel provided information regarding historical Site uses.

2.1.1 Site Location and Description

The Site is located at 6560 Cass Avenue in Detroit, Michigan in an area of business and commercial property. The Site is 0.23 acres of vacant land with no structures. The Site consists of a maintained lawn with landscaped trees and shrubs around the perimeter. An irrigation system is installed at the Site. The Site topography is generally flat, sloped slightly from east to west.

Interviews and historic records indicated that the Site was the former location of the Stephenson Building (a.k.a. Boulevard Center Building). Interviews and records indicated that this was a ten-story building with a basement, constructed in approximately 1925 and demolished in approximately 1985. The building occupied businesses with Grand Boulevard and Cass Avenue mailing addresses over this span, including a mixture of retailers, banks, and restaurants.

The Site may be accessed from Cass Avenue on the west or West Grand Boulevard on the north. Refer to Figures 1-3 in Appendix A for additional Site features and information. Photographs of the Site are included in Appendix C.

2.1.2 Adjacent Properties

A walking tour of adjacent properties was conducted to identify any RECs that may adversely affect the Site. The tour was conducted from public rights-of-way and adjacent accessible properties. Adjacent properties are shown on the attached Figure 3 in Appendix A.

Cass Avenue is immediately adjacent to the Site along the west boundary. Beyond Cass Avenue to the west is Cadillac Place, a commercial retail and business building formerly occupied by General Motors Corporation. West Grand Boulevard is immediately adjacent to the Site along the north boundary. Beyond West Grand Boulevard to the north are Hotel St. Regis and an adjacent parking lot. Pal Parking operates a private parking lot to the east of the Site. Beyond Pal Parking to the east are retail buildings. A six-deck parking garage exists to the south of the Site.

No visible evidence of RECs or other environmental issues were noted in association with existing activities at adjacent properties.

2.1.3 Underground Storage Tanks

According to Site personnel, no underground storage tanks (USTs) or septic tanks are currently present or known to be formerly present at the Site. No records of Site USTs were listed on the EDR environmental database search report. No evidence of current USTs was observed by EEC during the Site reconnaissance. Accordingly, no RECs or other environmental issues were noted in association with USTs at the Site.

2.1.4 Aboveground Storage Tanks

According to Site personnel, no aboveground storage tanks (ASTs) are currently present at the Site. No records of Site ASTs were listed on the EDR environmental database search report. No ASTs were observed by EEC during the Site reconnaissance. Accordingly, no RECs or other environmental issues were noted in association with ASTs at the Site.

2.1.5 Hydraulic Equipment

According to Site personnel, no hydraulic equipment is currently present at the Site. No hydraulic equipment was observed by EEC during the Site reconnaissance. Given that the former building was ten stories high, it is possible that hydraulic-powered elevators formerly existed at the Site. Information regarding assessment of surrounding soils during the building demolition was not available. Therefore, the potential historic presence of hydraulic equipment impacting the soil is considered a historic REC. No existing RECs or other environmental issues were noted in association with hydraulic equipment at the Site.

2.1.6 Site Drainage and Discharge

Water drainage at the Site primarily infiltrates into the ground, given that landscaping berms exist around the perimeter of the Site. Significant precipitation or melting may result in some migration over the ground surface to the east or north adjacent sidewalk and roadways, and into the City of Detroit storm sewer system. No RECs or other environmental issues were noted in association with Site drainage.

2.1.7 Other Hazardous Substances and Petroleum Products

No petroleum and hazardous substances were observed by EEC during the Site reconnaissance nor were they said to be present by Site personnel. No oil staining was observed by EEC during the Site reconnaissance. Past business occupants of the Stephenson Building / Boulevard Center Building as reviewed in the City Directory search did not indicate that such substances were commonly used. Accordingly, no RECs or other environmental issues were noted in association with the hazardous substances and petroleum products.

2.1.8 Suspect Asbestos-Containing Building Materials

No building structures or discarded building materials containing suspect ACM were observed by EEC during the Site reconnaissance. Interviews indicated that the former Stephenson Building / Boulevard Center Building contained asbestos, and that the asbestos was removed from the Site during demolition activities. Accordingly, no RECs or other environmental issues were noted in association with ACM.

2.1.9 Lead-Based Paint

No painted building structures or discarded painted materials containing suspect lead-based paint were observed by EEC during the Site reconnaissance. No information regarding lead-based paint was available for the former Stephenson Building / Boulevard Center Building. Since demolished material was hauled off-site, residual impacts from such painted building materials is unlikely. Accordingly, no RECs or other environmental issues were noted in association with lead-based paint.

2.1.10 Polychlorinated Biphenyls

No power poles, associated transformers, or other potential PCB-containing materials were observed to be present at the Site by EEC during the Site reconnaissance. No information regarding PCB-containing equipment was available regarding the former Stephenson Building / Boulevard Center Building. Since the building was present during the time frame that PCBs were manufactured and used, the former presence of PCBs cannot be discounted and is considered a potential historic REC. No existing RECs or other environmental issues were noted in association with transformers or other potential PCB-containing materials at the Site.

2.1.11 Radon Gas

Information regarding radon concentrations in the Site vicinity was obtained by EDR. Details regarding this information are presented in the Geoscheck Addendum to the EDR Radius Map Report, which is attached as Appendix D.

According to the EDR report, the USEPA has determined Wayne County to be in a Zone 3 Radon Zone, with indoor air concentrations of radon anticipated to be less than 2 Pico Curies per liter (pCi/L). The USEPA established action level for radon gas is 4 pCi/L and the United States Council on Radiation Protection and Measurement (NCRP) standard of 8 pCi/L. EDR reported an average basement air concentration of 0.9 pCi/L for the area, based on one basement tested. Given this information, radon is not considered a REC or environmental issue at the Site.

2.1.12 Wetlands Identification

A wetland survey or delineation was not conducted for this Phase I ESA. EEC contracted EDR to conduct a records search of the U.S. Fish and Wildlife Service 2002 National Wetlands Inventory (NWI) for the Site and surrounding area. The EDR report indicated that electronic data coverage was not available for the Site. However, the EDR report indicated that the Site does not exist within a 100-year or 500-year flood zone. No potential wetland areas (standing water, wet areas, or vegetation characteristic of wetlands) were observed by EEC during the Site reconnaissance. Therefore, no RECs or other environmental issues were noted in association with wetland areas.

2.1.13 Solid and Special Waste

Solid and special waste is not generated on the Site, as there are currently no activities on the Site. No evidence of on-Site solid waste disposal was observed by EEC during the Site reconnaissance. Records did not reveal evidence of historical on-Site solid waste disposal, and interviews indicated that demolition waste from the former Stephenson Building / Boulevard Center Building was removed from the Site. Accordingly, solid and special waste is not considered a REC or other environmental issue at the Site.

2.1.14 Hazardous Waste

Hazardous waste is not generated on the Site, as there are currently no activities on the Site. Neither the EDR environmental database report nor the online EPA Envirofacts Database has occupants or hazardous waste listings for the Site. No evidence of on-Site hazardous waste disposal was observed by EEC during the Site reconnaissance or suspected from former Site activities. Accordingly, no RECs or other environmental issues were noted in association with hazardous waste generation, handling, or disposal.

2.1.15 Air Emissions

During the Site reconnaissance, EEC did not observe or detect air emissions. EEC did not observe equipment or activities at the Site that would require air emissions permitting or testing. Accordingly, no RECs or other environmental issues were noted in association with air emissions.

2.1.16 Spills/Releases

According to Site personnel, there were no documented releases or spills at the Site to the outside environment. The EDR environmental database report did not reveal past records of historic releases or spills. EEC did not observe evidence of spills or releases during the Site reconnaissance. No RECs or other environmental issues were noted in association with spills or releases.

2.1.17 CERCLA Liability Potential

The Site is not listed on the NPL or in the State Hazardous Waste Site Database. There is no documentation that the Site has received notification from any government agency or third party of liability as a potentially responsible party for any hazardous waste treatment, storage, or disposal on Site. There is no documentation that the Site has defended any environmentally-related claims or litigation asserted by any governmental agency or third party, and no potential claims or litigation presently exist.

2.2 SITE HISTORY REVIEW

2.2.1 Property Usage

City Directories

EEC contracted EDR to perform a City Directory search of the Site and adjacent street addresses. City Directory listings were available from EDR for the years 1885 through 2002.

According to the City Directory Report, the Site's target mailing address was not listed in the research source from 1885 to 1918. The Site was listed as vacant in 1925. The Stephenson Building was listed at the Site in 1929, 1936, 1941, 1958, and 1964. The Boulevard Center Building was listed at the Site in 1968, 1973, 1977, and 1982. The Site was not listed in the research source in 1987, 1992, 1997, and 2002.

In addition to the Site target mailing address, several West Grand Boulevard and Cass Avenue mailing address relevant to the Site and nearby surrounding properties were found in the city directory search.

In 1913, the Arlington Apartment buildings were present at 3076 and 3086 West Grand Boulevard (on the Site), and the Itasca Apartment building was present at 3090 West Grand Boulevard (on the northern border of the Site).

In 1918, Arlington Apartment buildings were present at 3076 and 3086 West Grand Boulevard, and the Thomas Normal Training School was present at 3090 West Grand Boulevard. Hyatt Roller Bearing Company occupied a property at 3066 West Grand Boulevard across Cass Avenue west of the Site.

In 1925, the Itasca Apartment building was present at 3090 West Grand Boulevard and Lucky Bros. Real Estate was present at 3092 West Grand Boulevard near the east Site border. General Motors Company operated a garage at 6540 Cass Avenue immediately south of the Site.

In 1929, Morris Disner (tailor) was present at 6546 Cass Avenue, Industrial Plan Bank was present at 6550 Cass Avenue, and Daniel Witwer, Inc. (restaurant) was present at 6558 Cass Avenue. Griswold First State Bank was present at 3078 West Grand Boulevard, and Singer Sewing Machine Company was present at 3086 West Grand Boulevard. All of these businesses were inside the Stephenson Building on the Site. The Itasca Apartment building was present at 3090 West Grand Boulevard and Stephens May (beauty parlor) was present at 3092 West Grand Boulevard near the east Site border. General Motors Company operated a garage at 6540 Cass Avenue immediately south of the Site.

In 1936, Morris Disner (tailor) was present at 6546 Cass Avenue, Industrial Bank of Detroit was present at 6550 Cass Avenue, and Daniel Witwer, Inc. (restaurant) was present at 6558 Cass Avenue. Bessie Bowman's Fashions was present at 3078 West Grand Boulevard, Kuhlman and Company was present at 3080 West Grand Boulevard, Cass-Grand Cleaners and Hatters was present at 3082 West Grand Avenue, and Singer Sewing Machine Company was present at 3086 West Grand Boulevard. Luyckx Bros. Real Estate was present at 3092 West Grand Boulevard near the east Site border. Selian & Company, Inc. operated a garage at 6540 Cass Avenue immediately south of the Site.

In 1941, Morris Disner (tailor) was present at 6546 Cass Avenue, Industrial National Bank was present at 6550 Cass Avenue, and Edward Taunenbaum (men's furnishings) was present at 6558 Cass Avenue. D.J. Healy Shops was present at 3080 West Grand Boulevard, Peter J. Economy Shoe Repair was present at 3082 West Grand Avenue, and Albert Jewelers was present at 3086 West Grand Boulevard. Luyckx Bros. Real Estate was present at 3092 West Grand Boulevard near the east Site border. Maurie's Car and Storage Service occupied the garage at 6540 Cass Avenue immediately south of the Site.

In 1953, H.A. Reed Company (mfg agent) was present at 3080 West Grand Boulevard, Cass-Grand Cleaners and Hatters was present at 3082 West Grand Avenue, and Albert Jewelers was present at 3086 West Grand Boulevard. William Luyckx Real Estate was present at 3092 West Grand Boulevard near the east Site border.

In 1958, Central Office Supply Company was present at 6546 Cass Avenue, Third Church of Christ Scientist Reading Room was present at 6550 Cass Avenue, and General Finance Loan Company was present at 6558 Cass Avenue. 3080 West Grand Boulevard was vacant, Cass-Grand Cleaners and Hatters was present at 3082 West Grand Avenue, and Albert Jewelers was present at 3086 West Grand Boulevard. William Luyckx Real Estate was present at 3092 West Grand Boulevard near the east Site border. Sixty Five Forty Cass Avenue Garage, Inc. occupied the auto repair garage and parking lot at 6526 and 6540 Cass Avenue immediately south of the Site.

In 1964, Central Office Supply Company was present at 6546 Cass Avenue, Third Church of Christ Scientist Reading Room was present at 6550 Cass Avenue, and Michigan Eyesight Service was present at 6558 Cass Avenue. Regency Discount Drugs was present at 3080 West Grand Boulevard, Cass-Grand Shoe Repair was present at 3082 West Grand Avenue, and Albert Jewelers was present at 3086 West Grand Boulevard. Pal Parking Company was present at 3092 West Grand Boulevard near the east Site border. Sixty Five Forty Cass Avenue Garage, Inc. occupied the auto repair garage and parking lot at 6526 and 6540 Cass Avenue immediately south of the Site.

In 1968, American Savings and Loan Association was present at 3078 West Grand Boulevard, Regency Discount Drugs was present at 3080 West Grand Boulevard, Metro Detroit Travel Center was present at 3082 West Grand Avenue, and Cass-Grand Shoe Repair was present at 3086 West Grand Boulevard. Pal Parking Company was present at 3092 West Grand Boulevard near the east Site border. Model Cleaners, Inc. was present at 3100 West Grand Boulevard immediately east of the Site. Sixty Five Forty Cass Avenue Garage, Inc. occupied the auto repair garage and parking lot at 6526 and 6540 Cass Avenue immediately south of the Site.

In 1973, Steps Restaurant was present at 3078 West Grand Boulevard, Regency Prescription Drug was present at 3080 West Grand Boulevard, Washington Clothiers was present at 3082 West Grand Avenue, and Cass-Grand Repair was present at 3086 West Grand Boulevard. Pal Parking Company and Hertz Truck Rental were dually present at 3092 West Grand Boulevard near the east Site border. Queen Cleaners and Laundry and Model Cleaners, Inc. were present at 3100 West Grand Boulevard immediately east of the Site.

In 1977, Steps Restaurant was present at 3078 West Grand Boulevard, Regency Prescription Drug was present at 3080 West Grand Boulevard, Man Handlers was present at 3082 West Grand Avenue, and Cass-Grand Repair was present at 3086 West Grand Boulevard. Pal Parking Company and Hertz Truck Rental were dually present at 3092 West Grand Boulevard near the east Site border.

In 1982, Steps Restaurant was present at 3078 West Grand Boulevard, Code Regency Drug was present at 3080 West Grand Boulevard, Man Handlers was present at 3082 West Grand Avenue, and Cass-Grand Repair was present at 3086 West Grand Boulevard. Pal Parking Company was present at 3092 West Grand Boulevard near the east Site border.

There were no listings in 1987 and 1992. In 1997 and 2002, Pal Parking Company was present at 3092 West Grand Boulevard near the east Site border, and Visions Above was present at 3100 West Grand Boulevard.

The City Directory report with street address listings is included in Appendix E. Two potential Site development issues are noted from the review of the city directory search. The historic presence of a dry cleaner immediately east of the Site and an auto service garage immediately south of the Site represent potential Site development issues.

Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps assist in the identification of historic land use and commonly indicate the existence and location of aboveground and underground storage tanks, structures, improvements and facility operations. Sanborn Maps were reported to be available for the Site in the EDR Historic Map Collection for the years 1889, 1897, 1910, 1941, 1951, 1953, 1957, 1961, 1977, 1989, and 1991. Maps are included in Appendix E.

- 1889: This 1889 Sanborn Map shows that the Site was vacant. N. Boulevard existed north of the Site where West Grand Boulevard exists today. Cass Avenue (noted as “not opened”) existed west of the Site. A Baptist Church existed on land east of the Site, while Woodward Avenue existed beyond to the east. A building structure existed southeast of the Site. Land south of the Site was vacant.
- 1897: The 1897 Sanborn Map depicted the Site still vacant. A building structure was built next to the Baptist Church east of the Site. A summer garden was apparent across Cass Avenue west of the Site. Other surrounding property features were similar to 1889.

- 1910: The 1910 Sanborn Map shows that the Site was vacant, but two building structures (apartment buildings) existed immediately east of the Site along West Grand Boulevard. Two schools and a public library existed further east of the Site. The Detroit Dental Manufacturing Company existed southeast of the Site. Land immediately south of the Site was vacant, while the Michigan Telephone Company occupied a building further south of the Site along Milwaukee Boulevard.
- 1941: The 1941 Sanborn Map shows that a large building structure named the Stephenson Building existed on the Site. The building appeared to consist of several small connected business areas. One establishment was formerly notated as a bank. One apartment building had been removed east of the Site to allow for a parking lot. An auto parking garage and parking lot existed immediately south of the Site, and a parking lot and fueling station existed further south of the Site. An auto service center and printing shop existed southeast of the Site. Several building structures existed east of the Site. A restaurant existed west of the Site across Cass Avenue. Further west was a large building complex that served as the Auto Sales home offices for General Motors.
- 1951: The 1951 Sanborn Map shows that Stephenson Building complex continued to exist on the Site. Surrounding properties were similar to that depicted in 1941. The printing shop southeast of the Site was now a beauty school.
- 1953: The 1953 Sanborn Map shows the Site unchanged from 1951. A building structure (the other apartment building) east of the Site had been removed to expand the parking area on the eastern portion of the Site. Other surrounding property features were generally unchanged from 1951.
- 1957: The 1957 Sanborn Map shows the Site and surrounding properties generally unchanged from 1953.
- 1961: The 1961 Sanborn Map shows the Site unchanged from 1957. Several buildings southeast of the Site had been removed and now consisted of a parking lot. The beauty school remained.
- 1977: The Stephenson Building complex continued to exist on Site. A small building structure had been removed east of the Site. The entire area east of the Site was used for automotive parking. A large 6-deck parking garage had been constructed south of the Site, as well as a walkway extending from the garage over Cass Avenue. The former service garage had been removed. Other surrounding property features were unchanged from 1961.
- 1989: The entire Site was shown as a parking lot, as the Stephenson Building complex had been removed at sometime between 1985 and 1989. The beauty school had been removed southeast of the Site, as that portion of land was now a parking lot. Other surrounding property features were generally unchanged from 1977.
- 1991: The Site is now shown as a vacant lot, while property east of the Site is still used as a parking lot. Surrounding properties were generally unchanged from 1989.

No RECs or other environmental issues were noted in association with Sanborn Map review of the Site.

Aerial Photographs

Aerial photographs assist in the identification of Site features and outdoor activities of potential environmental concern. Aerial photographs were obtained from Site personnel and through EDR. Aerial photographs for unknown dates in 1937 1957, 1972, 1985, 1993, and an unknown recent date were reviewed by EEC. Aerial photographs are included in Appendix E. The following is a summary of EEC's interpretation of features observed on the aerial photographs:

- 1937: This aerial photograph shows that the Site and surrounding properties were developed in 1937. The photograph is difficult to interpret due to shadows cast by large buildings in the vicinity of the Site. A building structure existed on the Site (the Stephenson Building). The property immediately east of the Site appeared to be an open lot. A large structure (parking garage) and parking lot existed south of the Site. A large eight-winged structure (GM building) also existed west of the Site across Cass Avenue. Small building structures existed further east of the Site along Woodward Avenue and southeast of the Site. West Grand Avenue existed as a multiple lane divided roadway north of the Site. Further north was a combination of vacant lots and small building structures.
- 1957: The 1957 aerial photograph depicts that a tall building exists on the Site. The photograph is relatively clear. The Site appears similar to 1937. With the exception of a building structure removed immediately east of the Site, surrounding properties are generally unchanged from 1937.
- 1972: The 1972 aerial photograph depicts the Site similar to 1957. A portion of the buildings southeast of the Site had been removed, as well as buildings north of the Site and West Grand Boulevard. Other surrounding property characteristics were similar to 1957.
- 1985: The Stephenson building remained on the Site at the time this photograph was taken in 1985. Property east of the Site continued to be used for parking. A large parking structure now existed south of the Site, extending to Milwaukee Avenue. Buildings remained further east of the Site along Woodward Avenue. A parking lot existed southeast of the Site and north of the Site across West Grand Boulevard.
- 1993: The Site was depicted as a grass lawn in 1993, while property east of the Site was a paved parking lot. Buildings had been constructed north of the Site across West Grand Boulevard. Other surrounding property features were unchanged from 1985.
- Recent: The Site and surrounding properties are generally unchanged from the 1993 photograph.

No RECs or other environmental issues were noted in association with historic aerial photograph review of the Site.

2.2.2 Regional Geology

Information regarding the regional and Site-specific geology of the Site vicinity was obtained from the Geocheck Addendum to the EDR Radius Map Report.

The Site exists on flat, developed land approximately 630 feet above mean sea level (MSL). EDR regional data indicates that the surface soil texture in the area of the Site is clay loam, loamy fine sand, and loamy sand. EDR describes regional shallow soil types as sand and silty clay. Deeper regional soil types are silt loam, sand, clay loam and silty clay. Underlying the surface, shallow, and deeper soils is a bedrock layer classified as Paleozoic Era, Devonian System, and Middle Devonian Series.

2.2.3 Regional Hydrogeology

Information regarding the regional hydrogeology of the Site vicinity was obtained from the Geocheck Addendum to the EDR Radius Map Report.

No groundwater or monitoring wells or related data was available for obtaining Site-specific hydrogeologic data. AQIFLOW information was available within a 2-mile radius in the EDR GeoCheck report. Review of area EDR AQUIFLOW data indicated that the depth to shallow groundwater varied, but is likely approximately 5 to 15 feet below ground level. The slight topographical gradient in the vicinity of the Site indicates that groundwater flow direction is likely south/southeast.

2.2.4 Previous Investigations

No previous investigative reports relevant to the Site were known to exist or provided to EEC. Documentation of no reports is provided in Appendix F.

2.3 FEDERAL, STATE, AND LOCAL AGENCY FILE REVIEW

2.3.1 Environmental Database Search

EEC contracted Environmental Data Resources, Inc. (EDR) to conduct a search of federal and state environmental databases. Based on the Site mailing address, the database searches were completed to assist in the identification of conditions at the Site. Databases were searched to within the approximate minimum ASTM search distance for each database. The complete EDR Radius Map Report is attached as Appendix D. The following is a list of databases reviewed and respective search distances from the target mailing address.

FEDERAL DATABASES

- National Priority List (NPL) – 1 mile
- Proposed NPL – 1 mile
- Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) – 0.5 mile
- CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP) – 0.25 mile
- Corrective Action Reports (CORRACTS) – 1 mile
- Resource Conservation and Recovery Information System permitted treatment, storage, and disposal facilities (RCRIS-TSD) – 0.5 mile
- RCRIS small/large quantity generators of hazardous waste (RCRIS-SQG/RCRIS-LQG) – 0.25 mile
- Emergency Response Notification System (ERNS) – Target property
- Superfund (CERCLA) Consent Decrees (CONSENT) – 1 mile
- Records of Decision (ROD) – 1 mile
- Delisted NPL Sites – 1 mile
- Facility Index System (FINDS) – Target Property
- Hazardous Materials Information Reporting System (HMIRS) – Target Property
- Material Licensing Tracking System (MLTS) – Target Property
- Mines Master Index File (MINES) – 0.25 mile
- NPL Liens – Target Property
- PCB Activity Database System (PADS) – Target Property
- RCRA Administrative Action Tracking System (RAATS) – Target Property

- Toxic Chemical Release Inventory System (TRIS) – Target Property
- Toxic Substances Control Act (TSCA) – Target Property
- Section 7/FIFRA Tracking Systems (SSTS) – Target Property
- FIFRA/TSCA Tracking System (FTTS) – Target Property

STATE/LOCAL DATABASES

- Michigan Department of Environmental Quality (MDEQ) Contaminated Sites List (SHWS)– 1.25 mile
- MDEQ Solid Waste Facilities Database (SWF/LF) – 0.75 mile
- MDEQ Leaking Underground Storage Tank Sites (LUST) – 0.75 mile
- MDEQ Underground Storage Tank Facility List (UST) – 0.5 mile
- MDEQ Baseline Environmental Assessment Database (BEA) – 0.75 mile
- MDEQ Registered Aboveground Storage Tanks (AST) – 0.25 mile

EDR PROPRIETARY HISTORICAL DATABASES

- Former Manufactured Coal Gas Sites (Coal Gas) – 1 mile
- AQUIFLOW Information System – 2 miles

OTHER DATABASES

- Oil/Gas Pipelines/Electrical Transmission Lines – 0.25 mile
- Sensitive Receptors – 1 miles
- Flood Zone Data – 1 mile
- National Wetlands Inventory (NWI) – 1 mile

Based on a review of the EDR database report, the Site was not identified on any listings. Inclusion on database listings does not necessarily indicate the presence of a REC, and based on the information provided in the EDR report, no RECs or other environmental issues were identified in association with the Site.

Based on review of the EDR database report, 29 mapped addresses and seven database listings were identified within one mile of the subject property. The databases identified include: CERCLIS, CORRACTS, RCRIS-SQG, SHWS, LUST, UST, and BEA. The following listings were identified:

- Argo Building – Diesel Generators is listed at 485 West Milwaukee Street in Detroit, Michigan 48202, less than 1/8-mile south of the Site. The facility is on the UST, and LUST databases. The facility has one 2500-gallon diesel UST currently in use. The LUST database reflected that a release was reported March 26, 1993 and closed on June 1, 1993.
- Amoco Oil Station #5023 is listed at 11305 Hamilton and Collingwood in Detroit, Michigan 48205, 1/8 to 1/4 mile southwest of the Site. The facility is on the UST database. The facility had three 4,000-gallon USTs of unknown contents and one 6,000-gallon UST of unknown contents closed in the ground.
- Baltimore Cass Parking Co. is listed at 65 W. Baltimore St. in Detroit, Michigan 48202, 1/8 to 1/4 mile southeast of the Site. The facility is on the UST database. The facility had three 2,000-gallon gasoline USTs removed from the ground.
- Allied Film and Video Detroit Div. is listed at 7375 Woodward Avenue in Detroit, Michigan 48202, 1/8 to 1/4 mile north of the Site. The facility is on the RCRIS-SQG and FINDS databases.

The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.

- Goodyear Auto Service Company is listed at 3075 E. Grand Boulevard in Detroit, Michigan 48034, 1/8 to 1/4 mile northeast of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Detroit Edison Co. Boulevard Heating Plant is listed at 555 Baltimore in Detroit, Michigan 48226, 1/8 to 1/4 mile south of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator and transporter of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Kahn Albert Building is listed at 7430 2nd Avenue in Detroit, Michigan 48202, 1/8 to 1/4 mile west / northwest of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- GM Building Gas Station is listed at 612 Baltimore at Second Avenue in Detroit, Michigan 48202, 1/8 to 1/4 mile south / southwest of the Site. The facility is on the UST database. The facility had two 12,000-gallon USTs of unknown contents and one 6,000-gallon UST of unknown contents temporarily out of use. Three tanks of unknown capacities of contents were closed in the ground.
- Horton Garage is listed at 83 Horton in Detroit, Michigan 48202, 1/8 to 1/4 mile north / northeast of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Hite Photo Inc. is listed at 693 West Milwaukee in Detroit, Michigan 48202, 1/8 to 1/4 mile southwest of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Gannett Outdoor Co. Of Michigan is listed at 88 Custer Street in Detroit, Michigan 48202, 1/8 to 1/4 mile north / northeast of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Metro Plating Inc. is listed at 216 E. Milwaukee in Detroit, Michigan 48202, 1/8 to 1/4 mile east of the Site. The facility is on the CERCLIS, RCRIS-SQG, and FINDS databases. The CERCLIS database indicated that this is an abandoned job shop plating facility that was established in 1972 and ceased operations in the mid-1980s. At the request of the City of Detroit, a Discovery was made on December 17, 1996. Removal activities were completed on November 14, 1997, and a Preliminary Assessment and Integrated Assessment was completed at the facility on September 30, 1998. An Administrative Order of Consent was issued September 28, 2000. The facility is not on the National Priority List and was referred to Removal - NFRAP. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste. The database reflects

that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.

- Detroit Madison Building is listed at 105 E. Bethune St. in Detroit, Michigan 48202, 1/8 to 1/4 mile north / northeast of the Site. The facility is on the UST database. The facility has two 10,000-gallon kerosene USTs currently in use and one 2,000-gallon diesel UST closed in the ground.
- Ameritech Corporation is listed at 105 E. Bethune St. Room 240 in Detroit, Michigan 48202, 1/8 to 1/4 mile north / northeast of the Site. The facility is on the RCRIS-SQG and FINDS databases. The facility was listed as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- James-Martin Chevrolet-Buick is listed at 6250 Woodward Avenue in Detroit, Michigan 48202, 1/4 to 1/2 mile southeast of the Site. The facility is on the UST and LUST databases. The facility had one 3,000-gallon gasoline UST removed from the ground and one 4,000-gallon gasoline UST is currently in use. The LUST database reflected that a release was reported on October 28, 1992 and closed on October 19, 1993.
- Charles Dalglish Cadillac Inc. is listed at 6160 Cass Avenue in Detroit, Michigan 48202, 1/4 to 1/2 mile south / southeast of the Site. The facility is on the UST and LUST databases. The facility had one 4,000-gallon gasoline UST, one 1,000-gallon gasoline UST, and one 1,500-gallon used oil UST removed from the ground. The facility has eight 30-gallon hydraulic oil USTs currently in use. The LUST database reflected that a release was reported on January 19, 1993 and closed on January 23, 1995.
- Former Woodward Road Gas-Row is listed at 79 + 43 Woodward Avenue in Highland Park, Michigan, 1/4 to 1/2 mile north / northwest of the Site. The facility is on the LUST database. The LUST database reflected that a release was reported on September 16, 1996 and is currently open.
- Amoco Oil is listed at 5996 Woodward / Harper in Detroit, Michigan 48202, 1/4 to 1/2 mile southeast of the Site. The facility is on the UST and LUST databases. The facility had one 1,000-gallon used oil UST and one 500-gallon fuel oil UST removed from the ground. The facility has three 8,000-gallon gasoline USTs, one 10,000-gallon gasoline UST, and one 560-gallon used oil UST currently in use. The LUST database reflected that releases were reported on April 21, 1993 and December 6, 2001 and are both currently open.
- Stainless Inc. is listed at 310 Piquette Street in Detroit, Michigan 48202, 1/4 to 1/2 mile east / southeast of the Site. The facility is on the UST, LUST, RCRIS-SQG, and FINDS databases. The facility had one 6,000-gallon UST of unknown contents removed from the ground. The LUST database reflected that a release was reported on May 16, 1990 and is currently open. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- Central Quality Services Corporation is listed at 1361 East Grand Boulevard in Detroit, Michigan 48011, 1/4 to 1/2 mile east / northeast of the Site. The facility is on the UST and LUST databases. The facility had four 4,000-gallon gasoline USTs, one 10,000-gallon gasoline UST, and two 550-gallon used oil USTs removed from the ground. The LUST database reflected that a release was reported on October 19, 1998 and is currently open.

- Genesis is listed at 200 Harper in Detroit, Michigan 48202, 1/4 to 1/2 mile east / southeast of the Site. The facility is on the LUST database. The LUST database reflected that a release was reported on November 18, 1999 and is currently open.
- DMC Medical / Detroit Medical Center is listed at 8282 Woodward Avenue in Detroit, Michigan 48202, 1/4 to 1/2 mile north / northwest of the Site. The facility is on the UST, LUST, RCRIS-SQG, FINDS, and BEA databases. The facility had three 1,500-gallon gasoline USTs removed from the ground. The LUST database reflected that a release was reported on May 21, 1997 and is currently open. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations. The BEA database reflects that a BEA was received at the MDEQ on May 30, 1997. No petition determination or Part 20107a request was made.
- John R and I-94 Gas Station is listed at 5901 John R Street in Detroit, Michigan 48202, 1/4 to 1/2 mile southeast of the Site. The facility is on the UST and LUST databases. The facility has one 12,000-gallon gasoline UST, one 8,000-gallon gasoline UST, and one 6,000-gallon diesel UST temporarily out of use. The LUST database reflected that a release was reported on March 27, 2002 and is currently open.
- Firestone Store is listed at 5911 Cass Avenue in Detroit, Michigan 48202, 1/4 to 1/2 mile south / southeast of the Site. The facility is on the UST and LUST databases. The facility had two gasoline USTs of unknown capacities removed from the ground. The LUST database reflected that releases were reported on July 30, 1990 and September 22, 1990. Both LUSTs are closed.
- Outdoor Systems Inc. is listed at 556 Custer Street in Detroit, Michigan 48202, 1/4 to 1/2 mile northeast of the Site. The facility is on the UST, LUST, RCRIS-SQG, and FINDS databases. The facility had two 5,000-gallon diesel USTs, two 2,000-gallon gasoline USTs, and one 1,000-gallon used oil UST removed from the ground. The LUST database reflected that a release reported on December 16, 1996 was closed on June 17, 1987. Another release reported on April 26, 1989 is currently open. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations.
- GMC Chevrolet Detroit Assembly is listed at 601 Piquette in Detroit, Michigan 48202, 1/2 to 1 mile east of the Site. The facility is on the CERC-NFRAP, CORRACTS, RCRIS-SQG, RCRIS-TSD, and FINDS databases. The CERC-NFRAP database indicated that a Preliminary Assessment was completed at the facility on November 30, 1993, and that no further remedial action was planned. The facility was archived on December 18, 1995. The CORRACTS database indicated that the entire facility was assigned a low corrective action priority on September 30, 1993 and a stabilization measures evaluation was completed on March 31, 1994, determining that the facility was amenable to stabilization activity. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste, and does not engage in used oil recycling operations. The facility is listed on the TSDF database, with no TSDF activities reported. Four RCRA violations were on record, with compliance achieved for all of them in 1989 and 1990.
- MCI Inc. is listed at 666 Harper in Detroit, Michigan 48202, 1/2 to 1 mile east of the Site. The facility is on the RCRIS-SQG, FINDS, and SHWS databases. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste. The database reflects that the facility has no violations on record and does not engage in used oil recycling or TSDF operations. The SHWS database listed the facility as an active miscellaneous metal working source, with

pollutants acetic acid, chromic acid, and methylene chloride. The facility received a SAM score of 18 on October 18, 1991.

- Cameo Color Coat is listed at 6051 Hastings in Detroit, Michigan 48211, 1/2 to 1 mile east of the Site. The facility is on the CORRACTS, RCRIS-SQG, and SHWS databases. The CORRACTS database indicated that the entire facility was assigned a low corrective action priority on March 31, 1992. The RCRIS-SQG database lists the facility as a small quantity generator of hazardous waste, and does not engage in TSD or used oil recycling operations. One RCRA violation was on record occurring December 18, 2001 for a TSD permit condition. No achievement of compliance date is listed for this violation. The SHWS database listed the facility as a fabricated metal products source, with pollutants toluene, ethylbenzene, xylene, PCA, PCBs, Lead, Arsenic, Silver, and others. The facility received a SAM score of 32 on November 12, 1998.

EEC reviewed information on the above mapped properties based on information provided in the EDR report, respective distances from the Site, and hydrological relationships with respect to the Site. Depending on the specific details of the releases and local hydrogeologic conditions, several LUST facilities may have the potential to impact the Site and represent a potential Site development issue, as the facilities are located from 1/4 mile to 1/2 mile up-gradient from the Site. The LUST facilities include the Former Woodward Road Gas-Row at 79 + 43 Woodward Avenue, Central Quality Services Corporation, and Outdoor Systems Inc. However, the probability of impact is minimal given the distance of the Site from the LUST facilities, the generally permeability of soil in the area, and the presence of numerous utility corridors in the area. Without additional information, the facilities are considered historical RECs.

A total of nineteen unmapped or “orphan” facilities were identified in the vicinity of the Site in the EDR report. Due to the nature of these listings, known distances between these facilities and the Site, and reasonably available information, these listings do not currently appear to present any RECs or other environmental issues relative to the Site.

2.3.2 Regulatory Agency Contacts

Regulatory agencies were contacted under the Freedom of Information Act (FOIA) for information regarding the Site. Regulatory correspondence is attached as Appendix B. The results of the record review are discussed in the following paragraphs.

- Four FOIA requests were faxed on November 12, 2002 to the following potentially relevant divisions in the MDEQ SE Michigan District Office:
 - The MDEQ Waste and Hazardous Materials Division did not have records on file for the Site.
 - The MDEQ Remediation and Redevelopment Division did not have records on file for the Site.
 - The MDEQ Geological and Land Management Division did not have records on file for the Site.
 - The MDEQ Water Division did not have records on file for the Site.

2.3.3 Water Well Survey

EDR conducted a records search of the Federal USGS, FRDS Public Water Supply (PWS) System, and State databases of wells located within approximately one mile of the Site. No federal USGS, FRDS

Public Water Supply System, or state wells were identified from the database search as existing within one mile of the Site. No wells were known to exist by Site personnel, and EEC did not observe wells on the Site or surrounding properties during the Site reconnaissance.

2.3.4 Utility Services

At the time of the Site reconnaissance, only electricity was used at the Site for powering the irrigation system controls. Electricity is provided by Detroit Edison. Public water, sanitary sewer, and storm sewer service connections are available for the Site from the City of Detroit. Natural gas is available in the nearby vicinity, provided by Michigan Consolidate Gas Company.

3.0 CONCLUSIONS

Encore Environmental Consortium, LLC (EEC) has conducted a Phase I Environmental Site Assessment (ESA) of a 0.23-acre vacant parcel of land located at 6560 Cass Avenue in Detroit, Michigan (herein referred to as “the Site”). The purpose of the Phase I ESA was to identify and document the current and historical environmental conditions of the Site and the presence of substances which indicate an existing, past, or potential adverse environmental impact to the air, soil, groundwater, or surface waters as a result of operations on the Site and adjacent and surrounding properties, and which indicate that further investigation may be necessary to evaluate potential environmental liabilities associated with the Site.

This Phase I ESA was performed in general accordance with the ASTM E 1527-00 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and other client-specified requirements. The investigation was intended to identify Recognized Environmental Conditions (RECs) as defined by the ASTM E 1527-00 Standard.

A. RECOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of RECs in connection with the Site:

B. HISTORICAL RECs

This assessment has revealed the following evidence of historical RECs in connection with the Site:

- The Site was the former location of the Stephenson Building (a.k.a. Boulevard Center Building), a ten-story high building with a basement that existed from approximately 1925 to 1985. The building housed several retail, banking, and restaurant businesses. With information regarding characterization of the soils during demolition and removal activities, the possibility of former hydraulic-powered elevators and electrical equipment fluids impacting soil at the Site represents a potential historical REC.

C. OTHER ENVIRONMENTAL ISSUES

In addition to the ASTM standard, this assessment evaluated other client-specified criteria for the Site. This assessment has revealed the presence of the following other environmental issues.

Site Development Issues:

- Historic records and interviews reflected that 1) a dry cleaning business formerly operated in a building located in the nearby vicinity of the Site to the east, and 2) an auto service garage with fueling operations formerly operated adjacent to and south of the Site. In consideration of hazardous substances used in these operations, the former presence of these businesses in the vicinity of the Site and potential migration of contamination onto the Site represents a Site development issue.
- The Environmental Database Report indicates that several leaking underground storage tank (LUST) facilities with an open remediation status exist within 1/2-mile of the Site, some of which are projected up-gradient groundwater flow northeast of the Site. Facilities include the Former Woodward Road Gas-Row on Woodward Avenue, Central Quality Services Corporation on East Grand Boulevard, and Outdoor Systems Inc. on Custer Street. The potential impact of Site soils and groundwater from nearby LUST facilities represents a potential Site development issue. However, the probability of impact is minimal given the distance of the Site from the LUST facilities, the generally permeability of soil in the area, and the presence of numerous utility corridors in the area.

4.0 QUALIFICATIONS AND LIMITATIONS

This Report was prepared pursuant to the agreement dated January 2, 2002 with Encore Environmental Consortium, LLC (“EEC”). All uses of this Report are subject to, and deemed acceptance of, the conditions and restrictions contained in the referenced Agreement. The observations and conclusions described in this Report are based solely on the scope of services provided pursuant to the Agreement. EEC has not performed any additional observations, investigations, studies, or other testing not specified in the Agreement. EEC shall not be liable for the existence of any condition the discovery of which would have required the performance of services not authorized under the Agreement.

This Report is prepared for the exclusive use of ENCORE. Use of this Report by any person or entity other than ENCORE shall be at such other person’s or entity’s sole risk, and shall be without legal exposure or liability to EEC.

This Report reflects site conditions observed and described by records available to EEC as of the date of the Report. The passage of time may result in significant changes in site conditions or technology which could alter the findings and/or recommendations of the Report. Accordingly, EEC shall bear no liability for deviations from observed conditions or available records after the date of the Report.

EEC shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

5.0 REFERENCES

none

APPENDIX A

Figures

APPENDIX B

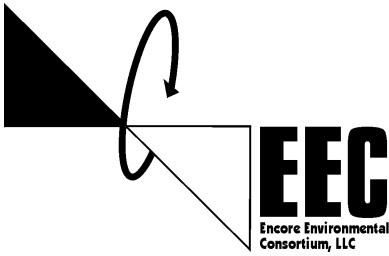
Contacts and Correspondence

**0.23-Acre Vacant Parcel
6560 Cass Avenue
Detroit, MI**

Contact List

11/13/02

NAME	FIRM / ADDRESS	TITLE	PHONE / FAX	E-MAIL
Brad A. Saunders	ENCORE LLC	Project Manager	---	---
Fred Rindhage, P.E.	ENCORE	Vice President	---	---
Barb DeJackson	General Motors Worldwide Real Estate	Site Coordinator	Phone: 313-872-0370	---
Representative	Pal Parking 3092 West Grand Boulevard Detroit, MI	Lot Attendant	---	---
FOIA Coordinators	MDEQ – SE Michigan Office	MDEQ Divisions: WHMD, WD, GLDM, and RRD	Various	---



Transmitted Via Facsimile

November 12, 2002

Michigan Department of Environmental Quality
SE Michigan District Office
38980 Seven Mile Road
Livonia, MI 48152

Attn: Ms. Mary Maven
Geological and Land Management Division

Fax Number: (734) 953-0243

Re: **Freedom of Information Act Request**
General Motors Corporation
Vacant lot (former Boulevard Center Building / Stephenson Building)
6560 Cass Avenue
Detroit, MI 48202

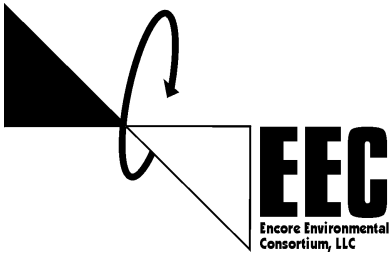
Dear Ms. Coburn:

The purpose of this letter is to request under the Freedom of Information Act (FOIA) to see if information is available regarding current or former activities under the jurisdiction of the Geological and Land Management Division at the above referenced mailing address. The address is relevant to a vacant lot that historically occupied the Boulevard Center Building / Stephenson Building.

Please contact me at (734) 668-1133, extension 104 with any questions. Please send information to the address below. If large volumes (greater than 100 pages) of information are available, I may opt to visit the relevant MDEQ office to review the information.

Sincerely,
ENCORE Environmental Consortium, LLC

Brad A. Saunders
455 E. Eisenhower Parkway, Suite 260
Ann Arbor, MI 48108



Transmitted Via Facsimile

November 12, 2002

Michigan Department of Environmental Quality
SE Michigan District Office
38980 Seven Mile Road
Livonia, MI 48152

Attn: Ms. Lorie Coburn
Remediation and Redevelopment Division

Fax Number: (734) 953-1525

Re: **Freedom of Information Act Request**
General Motors Corporation
Vacant lot (former Boulevard Center Building / Stephenson Building)
6560 Cass Avenue
Detroit, MI 48202

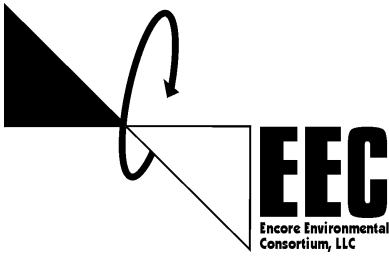
Dear Ms. Coburn:

The purpose of this letter is to request under the Freedom of Information Act (FOIA) to see if information is available regarding current or former remediation and/or redevelopment activities at the above referenced mailing address. The address is relevant to a vacant lot that historically occupied the Boulevard Center Building / Stephenson Building.

Please contact me at (734) 668-1133, extension 104 with any questions. Please send information to the address below. If large volumes (greater than 100 pages) of information are available, I may opt to visit the relevant MDEQ office to review the information.

Sincerely,
ENCORE Environmental Consortium, LLC

Brad A. Saunders
455 E. Eisenhower Parkway, Suite 260
Ann Arbor, MI 48108



Transmitted Via Facsimile

November 12, 2002

Michigan Department of Environmental Quality
SE Michigan District Office
38980 Seven Mile Road
Livonia, MI 48152

Attn: Ms. Jennifer Aimar
Water Division

Fax Number: (734) 953-1467

Re: **Freedom of Information Act Request**
General Motors Corporation
Vacant lot (former Boulevard Center Building / Stephenson Building)
6560 Cass Avenue
Detroit, MI 48202

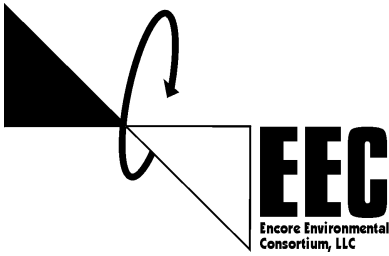
Dear Ms. Coburn:

The purpose of this letter is to request under the Freedom of Information Act (FOIA) to see if information is available regarding current or former activities under the jurisdiction of the Water Management Division at the above referenced mailing address. The address is relevant to a vacant lot that historically occupied the Boulevard Center Building / Stephenson Building.

Please contact me at (734) 668-1133, extension 104 with any questions. Please send information to the address below. If large volumes (greater than 100 pages) of information are available, I may opt to visit the relevant MDEQ office to review the information.

Sincerely,
ENCORE Environmental Consortium, LLC

Brad A. Saunders
455 E. Eisenhower Parkway, Suite 260
Ann Arbor, MI 48108



Transmitted Via Facsimile

November 12, 2002

Michigan Department of Environmental Quality
SE Michigan District Office
38980 Seven Mile Road
Livonia, MI 48152

Attn: Ms. Mary Nikton
Waste and Hazardous Materials Division

Fax Number: (734) 432-1277

Re: **Freedom of Information Act Request**
General Motors Corporation
Vacant lot (former Boulevard Center Building / Stephenson Building)
6560 Cass Avenue
Detroit, MI 48202

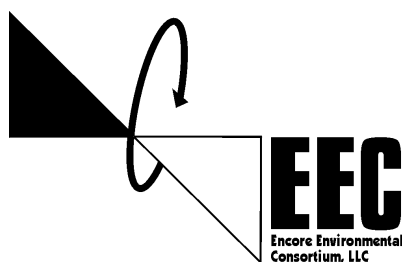
Dear Ms. Coburn:

The purpose of this letter is to request under the Freedom of Information Act (FOIA) to see if information is available regarding current or former waste and hazardous materials activities at the above referenced mailing address. The address is relevant to a vacant lot that historically occupied the Boulevard Center Building / Stephenson Building.

Please contact me at (734) 668-1133, extension 104 with any questions. Please send information to the address below. If large volumes (greater than 100 pages) of information are available, I may opt to visit the relevant MDEQ office to review the information.

Sincerely,
ENCORE Environmental Consortium, LLC

Brad A. Saunders
455 E. Eisenhower Parkway, Suite 260
Ann Arbor, MI 48108



Documentation of Communication

Date November 13, 2002
Time 11:00 am
Type of Communication Site Visit Interview

EEC Representative Brad Saunders
Source of Communication (Organization) Pal Parking (adjacent property occupant)
Source / Organization Contact Representative
Contact Telephone # --- (Address is 3092 W. Grand Blvd. Detroit, MI)

Specific Subject Matter:

History of Site

A representative of the adjacent property Pal Parking was interviewed regarding knowledge of the lot. According to the representative, he had been familiar with the area for nearly 50 years.

He recalled that the Stephenson Building (renamed the Boulevard Center Building) was demolished in approximately 1985, and contents from the building were hauled off-site. The building was ten stories with a basement. The representative recalled that asbestos was an issue of environmental concern in the former building.

The representative verified (as shown in City Directory reports) that a dry cleaner occupied the building immediately east of the Pal Parking lot, and apartment buildings used to exist where the Pal Parking lot exists today. The representative stated that the south adjacent property (location of the existing parking garage/deck) used to be a service garage that performed car washing and fueling, and had underground storage tanks. He stated that the tanks were pulled before construction of the existing parking deck.

APPENDIX C

Photographs



Photograph 1. View of the Site, facing east/northeast. The Site is primarily grass lawn, lined with shrubs on the west, and north sides, and lined with trees on the east and south sides. Cass Street is in the forefront. The parking garage is to the right. Pal Parking is beyond the Site and tree line. West Grand Boulevard is on the left.



Photograph 2. View of the Site, facing north. An irrigation system control box is in the right forefront. Pal Parking is in the right background, and the Hotel St. Regis is in the left background behind West Grand Boulevard.



Photograph 3. View of the Site, facing north/northwest. The Site Hotel St. Regis is in the background behind West Grand Boulevard.



Photograph 4. A view of the Site, facing south. The treeline is in the forefront. The parking garage is in the left background, and the Cadillac Place building is in the center and right background.

APPENDIX D

Environmental Database Report



The EDR Radius Map with GeoCheck®

**Detroit MI Cass Ave
6560 Cass Avenue
Detroit, MI 48202**

Inquiry Number: 875989.4s

November 05, 2002

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: 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.

Disclaimer

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

6560 CASS AVENUE
DETROIT, MI 48202

COORDINATES

Latitude (North): 42.369400 - 42° 22' 9.8"
Longitude (West): 83.074600 - 83° 4' 28.6"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 329175.6
UTM Y (Meters): 4692662.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2442083-C1 DETROIT, MI CA08
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SWF/LF..... Solid Waste Facilities Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report

EXECUTIVE SUMMARY

HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Tanks

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL ASTM STANDARD

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

A review of the CERCLIS list, as provided by EDR, and dated 08/15/2002 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>METRO PLATING INC</i>	<i>216 E MILWAUKEE</i>	<i>1/8 - 1/4E</i>	<i>12</i>	<i>13</i>

EXECUTIVE SUMMARY

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

A review of the CORRACTS list, as provided by EDR, and dated 05/02/2002 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GMC CHEVROLET DETROIT ASSEMBLY	601 PIQUETTE	1/2 - 1 E	27	34
CAMEO COLOR COAT	6051 HASTINGS	1/2 - 1 E	29	37

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 9 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALLIED FILM AND VIDEO DETROIT	7375 WOODWARD AVE	1/8 - 1/4N	4	8
GOODYEAR AUTO SERVICE CTR 6536	3075 E GRAND BLVD	1/8 - 1/4NE	5	8
DETROIT EDISON CO BOULEVARD HE	555 BALTIMORE	1/8 - 1/4S	6	9
KAHN ALBERT BLDG	7430 2ND AVE	1/8 - 1/4WNW	7	9
HORTON GARAGE	83 HORTON	1/8 - 1/4NNE	9	12
HITE PHOTO INC	693 W MILWAUKEE	1/8 - 1/4SW	10	12
GANNETT OUTDOOR CO OF MICHIGAN	88 CUSTER AVE	1/8 - 1/4NNE	11	13
METRO PLATING INC	216 E MILWAUKEE	1/8 - 1/4E	12	13
AMERITECH CORP	105 E BETHUNE RM 240	1/8 - 1/4NNE	A14	15

STATE ASTM STANDARD

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, has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MCI INC	666 HARPER	1/2 - 1 E	28	36
CAMEO COLOR COAT	6051 HASTINGS	1/2 - 1 E	29	37

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 08/30/2002 has revealed that there are 12 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARGO BLDG - DIESEL GENERATORS	485 W MILWAUKEE ST	0 - 1/8 S	1	5

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JAMES-MARTIN CHEV-BUICK IN	6250 WOODWARD AVE	1/4 - 1/2 SE	15	16
CHARLES DALGLEISH CADILLAC INC	6160 CASS AVE	1/4 - 1/2 SSE	16	17
FORMER WOODWARD RD GAS-ROW	79 + 43 WOODWARD RD	1/4 - 1/2 NNW	17	21
AMOCO OIL #5679	5996 WOODWARD / HARPE	1/4 - 1/2 SE	18	21
STAINLESS INC	310 PIQUETTE ST	1/4 - 1/2 ESE	19	24
CENTRAL QUALITY SERVICES CORP	1361 E GRAND BLVD	1/4 - 1/2 ENE	20	25
GENESIS CDC	200 HARPER	1/4 - 1/2 ESE	21	27
DMC (MEDICAL CLINIC)	8282 WOODWARD AVE	1/4 - 1/2 NNW	B22	28
JOHN R & I-94 GAS STATION	5901 JOHN R ST	1/4 - 1/2 SE	24	29
FIRESTONE STORE	5911 CASS AVE	1/4 - 1/2 SSE	25	31
OUTDOOR SYSTEMS INC	556 CUSTER AVE	1/4 - 1/2 NE	26	32

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 08/30/2002 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARGO BLDG - DIESEL GENERATORS	485 W MILWAUKEE ST	0 - 1/8 S	1	5
AMOCO OIL STATION #5023	11305 HAMILTON & COLLIN	1/8 - 1/4 SW	2	5
BALTIMORE CASS PARKING CO	65 W BALTIMORE ST	1/8 - 1/4 SE	3	7
GM BLDG GAS STATION	612 BALTIMORE AT SECOND	1/8 - 1/4 SSW	8	10
DETROIT MADISON BLDG.	105 E BETHUNE ST	1/8 - 1/4 NNE	A13	14

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 09/18/2002 has revealed that there is 1 BEA site within approximately 0.5 miles of the target property.

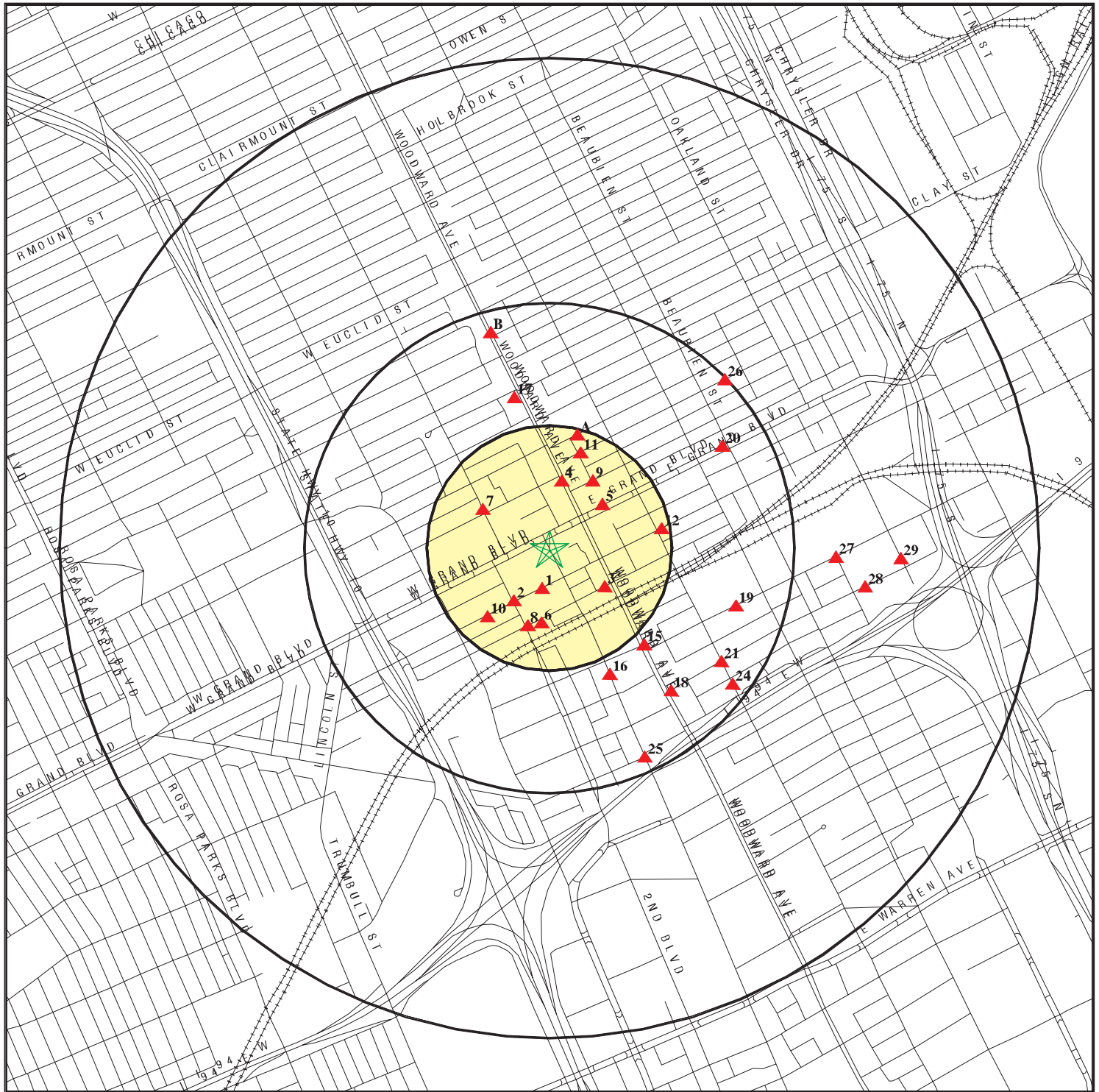
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DETROIT MEDICAL CENTER	8282 WOODWARD	1/4 - 1/2 NNW	B23	29

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
DETROIT ENERGY RECYCLING, LLC	SWF/LF
CITY OF DETROIT	UST
FORMER CADILLAC MOTOR CAR CO	UST
TRIZEC PROPERTIES FISHER BLDG	RCRIS-SQG
MIDOT BRIDGE M-10 UNDER EUCLID AVE	RCRIS-LQG, FINDS
9244-9268 / 9222 GRAND RIVER	BEA
1370 CASS AVENUE / 315 BAGLEY	BEA
SOUTHWEST CORNER OF W. GRAND B	BEA
DETROIT CITY OF	BEA
ALLIED WASTE INDUSTRIES	BEA
SECOND EBENEZER BAPTIST CHURCH	BEA
ENERGY GROUP, INC THE	BEA
2525 E. GRAND BLVD.	BEA
2525 E. GRAND BLVD	BEA
2660 E. GRAND BLVD.	BEA
LITTLE CAESARS	BEA
GRAND TELEGRAPH DEVELOPMENT CO.	BEA
GRAND RIVER AND SCHAEFER	BEA
W. GRAND BLVD. AND ROSA PARKS	BEA

OVERVIEW MAP - 875989.4s - Blasland, Bouck & Lee, Inc



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

⚡ Power transmission lines

⚡ Oil & Gas pipelines

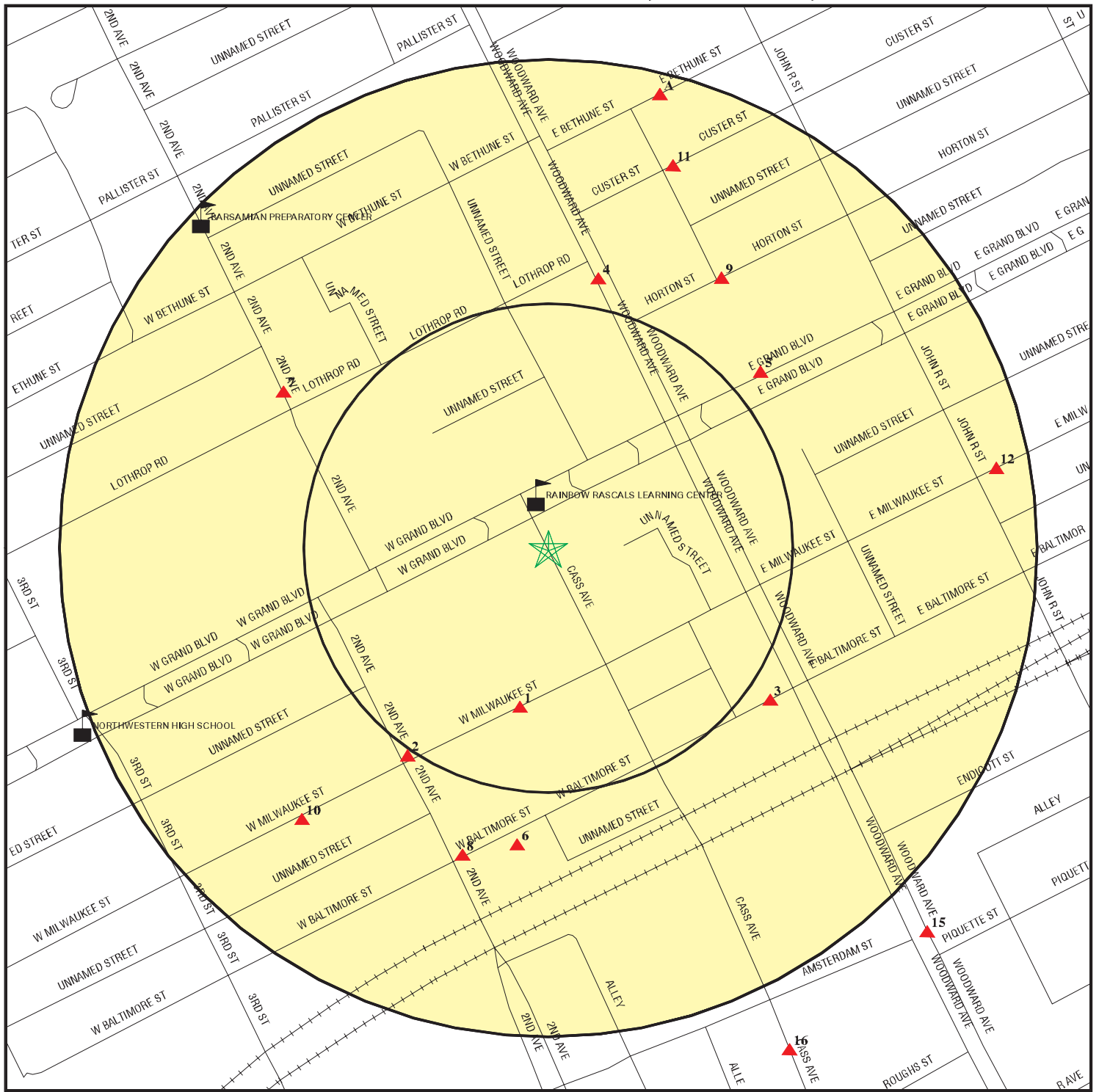
▨ 100-year flood zone

▨ 500-year flood zone

TARGET PROPERTY: Detroit MI Cass Ave
ADDRESS: 6560 Cass Avenue
CITY/STATE/ZIP: Detroit MI 48202
LAT/LONG: 42.3694 / 83.0746

CUSTOMER: Blasland, Bouck & Lee, Inc
CONTACT: Brad Saunders
INQUIRY #: 875989.4s
DATE: November 05, 2002 2:02 pm

DETAIL MAP - 875989.4s - Blasland, Bouck & Lee, Inc



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ Sensitive Receptors

■ National Priority List Sites

■ Landfill Sites

⚡ Power transmission lines

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

TARGET PROPERTY: Detroit MI Cass Ave
ADDRESS: 6560 Cass Avenue
CITY/STATE/ZIP: Detroit MI 48202
LAT/LONG: 42.3694 / 83.0746

CUSTOMER: Blasland, Bouck & Lee, Inc
CONTACT: Brad Saunders
INQUIRY #: 875989.4s
DATE: November 05, 2002 2:03 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	1	0	NR	NR	1
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	2	NR	2
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	9	NR	NR	NR	9
ERNS	TP	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	2	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	11	NR	NR	12
UST		0.250	1	4	NR	NR	NR	5
BEA		0.500	0	0	1	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP	TP	NR	NR	NR	NR	NR	0
HMIRS	TP	TP	NR	NR	NR	NR	NR	0
MLTS	TP	TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP	TP	NR	NR	NR	NR	NR	0
PADS	TP	TP	NR	NR	NR	NR	NR	0
RAATS	TP	TP	NR	NR	NR	NR	NR	0
TRIS	TP	TP	NR	NR	NR	NR	NR	0
TSCA	TP	TP	NR	NR	NR	NR	NR	0
SSTS	TP	TP	NR	NR	NR	NR	NR	0
FTTS	TP	TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
South
< 1/8
434 ft.
Higher

ARGO BLDG - DIESEL GENERATORS
485 W MILWAUKEE ST
DETROIT, MI 48202

UST **U003326700**
LUST **N/A**

LUST:

Facility ID: 00039347
Release Number: C-0359-93
Release Date: 03/26/1993
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 06/01/1993

UST:

Facility ID: 00039347
Tank ID: 4
Owner: GM CORP
Owner Address: MAIL CODE: 483-631-817 31 E JUDSON ST
PONTIAC, MI 48342
Owner Phone: () -
Product: Diesel
Capacity: 2500
Tank Status: Currently In Use
Constr Material: Double Walled,Fiberglass Reinforced plastic
Piping Material: Double Walled,Fiberglass reinforced plastic
Piping Type: Suction: Valve at Tank
Contact: WILLAIM HUBER
Contact Phone: (313) 974-8851
Impressed Device:No
Install Date: 05/01/1974
Release Detection:
Tank: Automatic Tank Gauging,Inventory Control
Pipe: Vapor Monitoring

2
SW
1/8-1/4
675 ft.
Higher

AMOCO OIL STATION #5023
11305 HAMILTON & COLLINGWOOD
DETROIT, MI 48205

UST **U003324839**
N/A

UST:

Facility ID: 00021300
Tank ID: 1
Owner: Amoco Petroleum Products
Owner Address: Attn: Jeff Weston 17187 N Laurel Park Suite 365
Livonia, MI 48152
Owner Phone: (734) 953-7013
Product: Not reported
Capacity: 4000
Tank Status: Closed In Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: J.E. WESTON
Contact Phone: (313) 855-8388
Impressed Device:No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMOCO OIL STATION #5023 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003324839

Install Date: 06/02/1975

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00021300

Tank ID: 2

Owner: Amoco Petroleum Products

Owner Address: Attn: Jeff Weston 17187 N Laurel Park Suite 365
Livonia, MI 48152

Owner Phone: (734) 953-7013

Product: Not reported

Capacity: 4000

Tank Status: Closed In Ground

Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: J.E. WESTON

Contact Phone: (313) 855-8388

Impressed Device:No

Install Date: 06/02/1975

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00021300

Tank ID: 3

Owner: Amoco Petroleum Products

Owner Address: Attn: Jeff Weston 17187 N Laurel Park Suite 365
Livonia, MI 48152

Owner Phone: (734) 953-7013

Product: Not reported

Capacity: 4000

Tank Status: Closed In Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: J.E. WESTON

Contact Phone: (313) 855-8388

Impressed Device:No

Install Date: 06/02/1975

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00021300

Tank ID: 4

Owner: Amoco Petroleum Products

Owner Address: Attn: Jeff Weston 17187 N Laurel Park Suite 365
Livonia, MI 48152

Owner Phone: (734) 953-7013

Product: Not reported

Capacity: 6000

Tank Status: Closed In Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Galvanized Steel

Piping Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMOCO OIL STATION #5023 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003324839

Contact: J.E. WESTON
Contact Phone: (313) 855-8388
Impressed Device: No
Install Date: 06/02/1975
Release Detection:
Tank: Not reported
Pipe: Not reported

**3
SE
1/8-1/4
726 ft.
Higher**

**BALTIMORE CASS PARKING CO
65 W BALTIMORE ST
DETROIT, MI 48202**

**UST U003320862
N/A**

UST:

Facility ID: 00006491
Tank ID: 1
Owner: BALTIMORE CASS PARKING CO
Owner Address: 65 W Baltimore St
Detroit, MI 48202
Owner Phone: (313) 871-8008
Product: Gasoline
Capacity: 2000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: LARRY G. HUGGINS
Contact Phone: (313) 871-8008
Impressed Device: No
Install Date: 01/28/1979
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006491
Tank ID: 2
Owner: BALTIMORE CASS PARKING CO
Owner Address: 65 W Baltimore St
Detroit, MI 48202
Owner Phone: (313) 871-8008
Product: Gasoline
Capacity: 2000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: LARRY G. HUGGINS
Contact Phone: (313) 871-8008
Impressed Device: No
Install Date: 01/28/1979
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006491
Tank ID: 3
Owner: BALTIMORE CASS PARKING CO
Owner Address: 65 W Baltimore St

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BALTIMORE CASS PARKING CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003320862

Detroit, MI 48202
Owner Phone: (313) 871-8008
Product: Gasoline
Capacity: 2000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: LARRY G. HUGGINS
Contact Phone: (313) 871-8008
Impressed Device: No
Install Date: 01/28/1979
Release Detection:
Tank: Not reported
Pipe: Not reported

4
North
1/8-1/4
742 ft.
Higher

ALLIED FILM AND VIDEO DETROIT DIV
7375 WOODWARD AVE
DETROIT, MI 48202

RCRIS-SQG 1000248874
FINDS MID016820185

RCRIS:
Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: MID016820185
Contact: WILLIAM YORDY
(313) 871-2222
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

5
NE
1/8-1/4
746 ft.
Higher

GOODYEAR AUTO SERVICE CTR 6536
3075 E GRAND BLVD
DETROIT, MI 48034

RCRIS-SQG 1000194469
FINDS MID149983280

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GOODYEAR AUTO SERVICE CTR 6536 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000194469

RCRIS:

Owner: GOODYEAR TIRE AND REPAIR CO
(312) 555-1212
EPA ID: MID149983280
Contact: J MCCARTHY
(313) 423-5500

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

6
South
1/8-1/4
804 ft.
Higher

DETROIT EDISON CO BOULEVARD HEATING PLT
555 BALTIMORE
DETROIT, MI 48226

RCRIS-SQG **1000366958**
FINDS **MID000718825**

RCRIS:

Owner: DETROIT EDISON CO
(312) 555-1212
EPA ID: MID000718825
Contact: M STERLING
(313) 237-8618

Classification: N, Handler transports wastes, but commercial status is unknown, Small
Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

7
WNW
1/8-1/4
831 ft.
Higher

KAHN ALBERT BLDG
7430 2ND AVE
DETROIT, MI 48202

RCRIS-SQG **1000465631**
FINDS **MID985602713**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KAHN ALBERT BLDG (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000465631

RCRIS:

Owner: TRIZEC PROPERTIES INC
EPA ID: MID985602713
Contact: MARK MACPHERSON
(313) 874-4444

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

8
SSW
1/8-1/4
859 ft.
Higher

GM BLDG GAS STATION
612 BALTIMORE AT SECOND AVE
DETROIT, MI 48202

UST **U003320411**
N/A

UST:

Facility ID: 00004848
Tank ID: 1
Owner: GM CORP
Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202
Owner Phone: (313) 556-1689
Product: Not reported
Capacity: 12000
Tank Status: Temporarily out of Use
Constr Material: Not reported
Piping Material: Not reported
Piping Type: Not reported
Contact: Fred Rindhage
Contact Phone: 248-680-5787
Impressed Device: No
Install Date: 05/01/1974
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00004848
Tank ID: 2
Owner: GM CORP
Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202
Owner Phone: (313) 556-1689
Product: Not reported
Capacity: 12000
Tank Status: Temporarily out of Use
Constr Material: Not reported
Piping Material: Not reported
Piping Type: Not reported
Contact: Fred Rindhage
Contact Phone: 248-680-5787

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GM BLDG GAS STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003320411

Impressed Device: No

Install Date: 05/01/1974

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00004848

Tank ID: 3

Owner: GM CORP

Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202

Owner Phone: (313) 556-1689

Product: Not reported

Capacity: 6000

Tank Status: Temporarily out of Use

Constr Material: Not reported

Piping Material: Not reported

Piping Type: Not reported

Contact: Fred Rindhage

Contact Phone: 248-680-5787

Impressed Device: No

Install Date: 05/01/1978

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00004848

Tank ID: 5

Owner: GM CORP

Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202

Owner Phone: (313) 556-1689

Product: Not reported

Capacity: 0

Tank Status: Closed In Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Unknown

Piping Type: Not reported

Contact: Fred Rindhage

Contact Phone: 248-680-5787

Impressed Device: No

Install Date: 05/01/1961

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00004848

Tank ID: 6

Owner: GM CORP

Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202

Owner Phone: (313) 556-1689

Product: Not reported

Capacity: 0

Tank Status: Closed In Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Unknown

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GM BLDG GAS STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003320411

Piping Type: Not reported
Contact: Fred Rindhage
Contact Phone: 248-680-5787
Impressed Device: No
Install Date: 05/01/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00004848
Tank ID: 7
Owner: GM CORP
Owner Address: MAIL CODE: 482-105-236 3044 W GRAND BLVD
DETROIT, MI 48202
Owner Phone: (313) 556-1689
Product: Not reported
Capacity: 0
Tank Status: Closed In Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: Fred Rindhage
Contact Phone: 248-680-5787
Impressed Device: No
Install Date: 05/01/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

9
NNE
1/8-1/4
868 ft.
Higher

HORTON GARAGE
83 HORTON
DETROIT, MI 48202

RCRIS-SQG 1000416873
FINDS MID055668883

RCRIS:
Owner: WILLIAMS LEON
(312) 555-1212
EPA ID: MID055668883
Contact: LEON WILLIAMS
(313) 874-2860

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

10
SW
1/8-1/4
988 ft.
Higher

HITE PHOTO INC
693 W MILWAUKEE
DETROIT, MI 48202

RCRIS-SQG 1000197976
FINDS MID005381728

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HITE PHOTO INC (Continued)

EDR ID Number
EPA ID Number

1000197976

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: MID005381728
Contact: SCOTT BEST
(313) 875-4600

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**11
NNE
1/8-1/4
1088 ft.
Higher**

**GANNETT OUTDOOR CO OF MICHIGAN
88 CUSTER AVE
DETROIT, MI 48202**

**RCRIS-SQG 1000314352
FINDS MID067285296**

RCRIS:

Owner: GANNETT
(312) 555-1212
EPA ID: MID067285296
Contact: CARL CRABB
(313) 872-6030

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**12
East
1/8-1/4
1230 ft.
Higher**

**METRO PLATING INC
216 E MILWAUKEE
DETROIT, MI 48202**

**CERCLIS 1000828609
RCRIS-SQG MID985656800
FINDS**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Referred to Removal - NFRAP		
Ownership Status:	Not reported	NPL Status:	Not on the NPL
Contact:	BOB BUCKLEY	Contact Tel:	(734) 692-7682
Contact Title:	Not reported		
Site Description:	metro plating inc. is an abandoned job shop plating facility established in 1972. It ceased operations sometime in the mid-80's. The City of Detroit boarded the facility in 1996 & requested USEPA assistance 12/17/96.		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO PLATING INC (Continued)

EDR ID Number
EPA ID Number

1000828609

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	12/17/1996
Assessment:	REMOVAL	Completed:	11/14/1997
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/30/1998
Assessment:	INTEGRATED ASSESSMENT	Completed:	09/30/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	09/28/2000

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

METRO PLATING INC.

RCRIS:

Owner: ASHER PATRICIA
NOT GIVEN
EPA ID: MID985656800
Contact: PATRICIA ASHER
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**A13
NNE
1/8-1/4
1264 ft.
Higher**

**DETROIT MADISON BLDG.
105 E BETHUNE ST
DETROIT, MI 48202**

**UST U003322281
N/A**

Site 1 of 2 in cluster A

UST:

Facility ID: 00011693
Tank ID: 2
Owner: c/o Ameritech Environmental Management
Owner Address: 36 South Fairview, Floor 4
Park Ridge, IL 60068
Owner Phone: 877-648-2073
Product: Kerosene
Capacity: 10000
Tank Status: Currently In Use
Constr Material: Fiberglass Reinforced plastic
Piping Material: Unknown
Piping Type: Suction: Valve at Tank
Contact: JOHN BIONDO
Contact Phone: (313) 223-5630
Impressed Device: No
Install Date: 05/08/1970
Release Detection:
Tank: Automatic Tank Gauging
Pipe: Not reported

Facility ID: 00011693
Tank ID: 3
Owner: c/o Ameritech Environmental Management

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DETROIT MADISON BLDG. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003322281

Owner Address: 36 South Fairview, Floor 4
Park Ridge, IL 60068
Owner Phone: 877-648-2073
Product: Kerosene
Capacity: 10000
Tank Status: Currently In Use
Constr Material: Fiberglass Reinforced plastic
Piping Material: Unknown
Piping Type: Suction: Valve at Tank
Contact: JOHN BIONDO
Contact Phone: (313) 223-5630
Impressed Device: No
Install Date: 05/08/1970
Release Detection:
Tank: Automatic Tank Gauging
Pipe: Not reported

Facility ID: 00011693
Tank ID: 1
Owner: c/o Ameritech Environmental Management
Owner Address: 36 South Fairview, Floor 4
Park Ridge, IL 60068
Owner Phone: 877-648-2073
Product: Diesel
Capacity: 2000
Tank Status: Closed In Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JOHN BIONDO
Contact Phone: (313) 223-5630
Impressed Device: No
Install Date: 05/09/1947
Release Detection:
Tank: Not reported
Pipe: Not reported

**A14
NNE
1/8-1/4
1264 ft.
Higher**

**AMERITECH CORP
105 E BETHUNE RM 240
DETROIT, MI 48202**

**RCRIS-SQG 1000237607
FINDS MID982069437**

Site 2 of 2 in cluster A

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: MID982069437
Contact: NANCY BERGWALL
(313) 874-8985

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMERITECH CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000237607

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**15
SE
1/4-1/2
1455 ft.
Higher**

**JAMES-MARTIN CHEV-BUICK IN
6250 WOODWARD AVE
DETROIT, MI 48202**

**UST U002303815
LUST N/A**

LUST:

Facility ID: 00002582
Release Number: C-1912-92
Release Date: 10/28/1992
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 10/19/1993

UST:

Facility ID: 00002582
Tank ID: 13
Owner: JAMES-MARTIN CHEV-BUICK IN
Owner Address: 6250 Woodward Ave
Detroit, MI 48202
Owner Phone: (313) 875-0500
Product: Gasoline
Capacity: 4000
Tank Status: Currently In Use
Constr Material: Composite(Steel w/Fiberglass),Double Walled
Piping Material: Fiberglass reinforced plastic
Piping Type: Suction: No Valve At Tank
Contact: IRENE S WRIGHT
Contact Phone: (313) 875-0500
Impressed Device: No
Install Date: 07/18/1994
Release Detection:
Tank: Automatic Tank Gauging,Inventory Control,Manual Tank Gauging
Pipe: Not reported

Facility ID: 00002582
Tank ID: 12
Owner: JAMES-MARTIN CHEV-BUICK IN
Owner Address: 6250 Woodward Ave
Detroit, MI 48202
Owner Phone: (313) 875-0500
Product: Gasoline
Capacity: 3000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel,Lined Interior
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: IRENE S WRIGHT
Contact Phone: (313) 875-0500
Impressed Device: No
Install Date: 05/05/1976
Release Detection:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JAMES-MARTIN CHEV-BUICK IN (Continued)

EDR ID Number
EPA ID Number

Database(s)

Tank: Not reported
Pipe: Not reported

U002303815

**16
SSE
1/4-1/2
1502 ft.
Higher**

**CHARLES DALGLEISH CADILLAC INC
6160 CASS AVE
DETROIT, MI 48202**

**UST U002303814
LUST N/A**

LUST:

Facility ID: 00006357
Release Number: C-0103-93
Release Date: 01/19/1993
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 01/23/1995

UST:

Facility ID: 00006357
Tank ID: 1
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: Gasoline
Capacity: 4000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/06/1976
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357
Tank ID: 11
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: Gasoline
Capacity: 1000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve At Tank
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHARLES DALGLEISH CADILLAC INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002303814

Tank ID: 2
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: Used Oil
Capacity: 1500
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/05/1978
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357
Tank ID: 10
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: HYDRAULIC OIL
Capacity: 30
Tank Status: Currently In Use
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/06/1976
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357
Tank ID: 3
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: HYDRAULIC OIL
Capacity: 30
Tank Status: Currently In Use
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/06/1976
Release Detection:
Tank: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHARLES DALGLEISH CADILLAC INC (Continued)

U002303814

Pipe: Not reported

Facility ID: 00006357
Tank ID: 4
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: HYDRAULIC OIL
Capacity: 30
Tank Status: Currently In Use
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/06/1976
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357
Tank ID: 5
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: HYDRAULIC OIL
Capacity: 30
Tank Status: Currently In Use
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No
Install Date: 02/05/1981
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006357
Tank ID: 6
Owner: CHARLES DALGLEISH CADILLAC INC
Owner Address: 6160 Cass Ave
Detroit, MI 48202
Owner Phone: (313) 875-0300
Product: HYDRAULIC OIL
Capacity: 30
Tank Status: Currently In Use
Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed Device: No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHARLES DALGLEISH CADILLAC INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002303814

Install Date: 02/05/1981

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00006357

Tank ID: 7

Owner: CHARLES DALGLEISH CADILLAC INC

Owner Address: 6160 Cass Ave
Detroit, MI 48202

Owner Phone: (313) 875-0300

Product: HYDRAULIC OIL

Capacity: 30

Tank Status: Currently In Use

Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: DANIEL C DEGRAFF

Contact Phone: (313) 875-0300

Impressed Device:No

Install Date: 02/06/1984

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00006357

Tank ID: 8

Owner: CHARLES DALGLEISH CADILLAC INC

Owner Address: 6160 Cass Ave
Detroit, MI 48202

Owner Phone: (313) 875-0300

Product: HYDRAULIC OIL

Capacity: 30

Tank Status: Currently In Use

Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic

Piping Material: Galvanized Steel

Piping Type: Not reported

Contact: DANIEL C DEGRAFF

Contact Phone: (313) 875-0300

Impressed Device:No

Install Date: 02/06/1976

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00006357

Tank ID: 9

Owner: CHARLES DALGLEISH CADILLAC INC

Owner Address: 6160 Cass Ave
Detroit, MI 48202

Owner Phone: (313) 875-0300

Product: HYDRAULIC OIL

Capacity: 30

Tank Status: Currently In Use

Constr Material: Asphalt Coated or Bare Steel,Fiberglass Reinforced plastic

Piping Material: Galvanized Steel

Piping Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHARLES DALGLEISH CADILLAC INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

Contact: DANIEL C DEGRAFF
Contact Phone: (313) 875-0300
Impressed DeviceNo
Install Date: 02/06/1976
Release Detection:
Tank: Not reported
Pipe: Not reported

U002303814

**17
NNW
1/4-1/2
1672 ft.
Higher**

**FORMER WOODWARD RD GAS-ROW
79 + 43 WOODWARD RD
HIGHLAND PARK, MI 0**

**LUST S102851930
N/A**

LUST:

Facility ID: 50001920
Release Number: C-0721-96
Release Date: 09/16/1996
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

**18
SE
1/4-1/2
2017 ft.
Higher**

**AMOCO OIL #5679
5996 WOODWARD / HARPER
DETROIT, MI 48202**

**UST U003320671
LUST N/A**

LUST:

Facility ID: 00005779
Release Number: C-0442-93
Release Date: 04/21/1993
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

Facility ID: 00005779
Release Number: C-1459-01
Release Date: 12/06/2001
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 00005779
Tank ID: 5
Owner: JIHAD NASSER
Owner Address: 5996 Woodward Ave
Detroit, MI 48202
Owner Phone: Not reported
Product: Used Oil
Capacity: 1000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Piping Material: Cathodically Protected,Galvanized Steel
Piping Type: Not reported
Contact: Jihad Nasser
Contact Phone: 313-418-5690
Impressed DeviceNo

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMOCO OIL #5679 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003320671

Install Date: 04/28/1969

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00005779

Tank ID: 6

Owner: JIHAD NASSER

Owner Address: 5996 Woodward Ave
Detroit, MI 48202

Owner Phone: Not reported

Product: FUEL OIL

Capacity: 500

Tank Status: Removed From Ground

Constr Material: Asphalt Coated or Bare Steel

Piping Material: Unknown

Piping Type: Not reported

Contact: Jihad Nasser

Contact Phone: 313-418-5690

Impressed Device: No

Install Date: 04/28/1969

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00005779

Tank ID: 1

Owner: JIHAD NASSER

Owner Address: 5996 Woodward Ave
Detroit, MI 48202

Owner Phone: Not reported

Product: Gasoline

Capacity: 8000

Tank Status: Currently In Use

Constr Material: Cathodically Protected Steel,Lined Interior

Piping Material: Fiberglass reinforced plastic,Secondary Containment

Piping Type: Pressure

Contact: Jihad Nasser

Contact Phone: 313-418-5690

Impressed Device: No

Install Date: 04/28/1969

Release Detection:

Tank: SIR

Pipe: Automatic Line Leak Detectors,SIR

Facility ID: 00005779

Tank ID: 2

Owner: JIHAD NASSER

Owner Address: 5996 Woodward Ave
Detroit, MI 48202

Owner Phone: Not reported

Product: Gasoline

Capacity: 8000

Tank Status: Currently In Use

Constr Material: Cathodically Protected Steel,Lined Interior

Piping Material: Fiberglass reinforced plastic,Secondary Containment

Piping Type: Pressure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AMOCO OIL #5679 (Continued)

U003320671

Contact: Jihad Nasser
Contact Phone: 313-418-5690
Impressed Device: No
Install Date: 04/28/1969
Release Detection:
Tank: SIR
Pipe: Automatic Line Leak Detectors, SIR

Facility ID: 00005779
Tank ID: 3
Owner: JIHAD NASSER
Owner Address: 5996 Woodward Ave
Detroit, MI 48202
Owner Phone: Not reported
Product: Gasoline
Capacity: 8000
Tank Status: Currently In Use
Constr Material: Cathodically Protected Steel, Lined Interior
Piping Material: Fiberglass reinforced plastic, Secondary Containment
Piping Type: Pressure
Contact: Jihad Nasser
Contact Phone: 313-418-5690
Impressed Device: No
Install Date: 04/28/1969
Release Detection:
Tank: SIR
Pipe: Automatic Line Leak Detectors, SIR

Facility ID: 00005779
Tank ID: 4
Owner: JIHAD NASSER
Owner Address: 5996 Woodward Ave
Detroit, MI 48202
Owner Phone: Not reported
Product: Gasoline
Capacity: 10000
Tank Status: Currently In Use
Constr Material: Cathodically Protected Steel, Lined Interior
Piping Material: Fiberglass reinforced plastic, Secondary Containment
Piping Type: Pressure
Contact: Jihad Nasser
Contact Phone: 313-418-5690
Impressed Device: No
Install Date: 04/28/1969
Release Detection:
Tank: SIR
Pipe: Automatic Line Leak Detectors, SIR

Facility ID: 00005779
Tank ID: 7
Owner: JIHAD NASSER
Owner Address: 5996 Woodward Ave
Detroit, MI 48202
Owner Phone: Not reported
Product: Used Oil
Capacity: 560
Tank Status: Currently In Use

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMOCO OIL #5679 (Continued)

EDR ID Number
EPA ID Number

U003320671

Constr Material: Cathodically Protected Steel
Piping Material: Fiberglass reinforced plastic
Piping Type: Gravity Fed?
Contact: Jihad Nasser
Contact Phone: 313-418-5690
Impressed Device: No
Install Date: 04/28/1986
Release Detection:
Tank: Manual Tank Gauging
Pipe: Not reported

19
ESE
1/4-1/2
2104 ft.
Higher

STAINLESS INC
310 PIQUETTE ST
DETROIT, MI 48202

RCRIS-SQG
FINDS
UST
LUST

1000257886
MID005369723

RCRIS:

Owner: STAINLESS INC
(312) 555-1212
EPA ID: MID005369723
Contact: VERLO STRETEN
(313) 873-1300

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 50000809
Release Number: C-0390-93
Release Date: 05/16/1990
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 50000809
Tank ID: 1
Owner: NRT Owner
Owner Address: Unknown
Unknown, MI 99999
Owner Phone: Not reported
Product: Not reported
Capacity: 6000
Tank Status: Removed From Ground
Constr Material: Not reported
Piping Material: Not reported
Piping Type: Not reported
Contact: Not reported
Contact Phone: () -
Impressed Device: No
Install Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

STAINLESS INC (Continued)

EDR ID Number
EPA ID Number

1000257886

Release Detection:
Tank: Not reported
Pipe: Not reported

20
ENE
1/4-1/2
2169 ft.
Higher

CENTRAL QUALITY SERVICES CORP
1361 E GRAND BLVD
DETROIT, MI 48011

UST
LUST U003321234
N/A

LUST:

Facility ID: 00008079
Release Number: C-1011-98
Release Date: 10/19/1998
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 00008079
Tank ID: 1
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Gasoline
Capacity: 4000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 03/10/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00008079
Tank ID: 2
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Gasoline
Capacity: 4000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 03/10/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CENTRAL QUALITY SERVICES CORP (Continued)

U003321234

Facility ID: 00008079
Tank ID: 3
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Gasoline
Capacity: 4000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 03/10/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00008079
Tank ID: 4
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Gasoline
Capacity: 4000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 03/10/1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00008079
Tank ID: 5
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Gasoline
Capacity: 10000
Tank Status: Removed From Ground
Constr Material: Fiberglass Reinforced plastic
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 03/10/1974

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CENTRAL QUALITY SERVICES CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003321234

Release Detection:

Tank: Not reported
Pipe: Not reported

Facility ID: 00008079
Tank ID: 6
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Used Oil
Capacity: 550
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 01/01/1900

Release Detection:

Tank: Not reported
Pipe: Not reported

Facility ID: 00008079
Tank ID: 7
Owner: CENTRAL QUALITY SERV CORP
Owner Address: 7043 E Palmer St
Detroit, MI 48211
Owner Phone: (313) 921-8180
Product: Used Oil
Capacity: 550
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: MR JOE SIKORSKI
Contact Phone: (313) 821-8180
Impressed Device: No
Install Date: 01/01/1900

Release Detection:

Tank: Not reported
Pipe: Not reported

21
ESE
1/4-1/2
2217 ft.
Higher

GENESIS CDC
200 HARPER
DETROIT, MI 48202

LUST S104235422
N/A

LUST:

Facility ID: 00040301
Release Number: C-1223-99
Release Date: 11/18/1999
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B22
NNW
1/4-1/2
2414 ft.
Higher

DMC (MEDICAL CLINIC)
8282 WOODWARD AVE
DETROIT, MI 48202

Site 1 of 2 in cluster B

UST
LUST

U003330405
N/A

LUST:

Facility ID: 00039359
Release Number: C-0342-97
Release Date: 05/21/1997
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 00039359
Tank ID: 1
Owner: DETROIT MEDICAL CENTER
Owner Address: 4160 JOHN R G1119
DETROIT, MI 48201
Owner Phone: (313) 966-9961
Product: Gasoline
Capacity: 1500
Tank Status: Removed From Ground
Constr Material: Epoxy Coated Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: CAROLE KRECIOCH
Contact Phone: (315) 995-2584
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00039359
Tank ID: 2
Owner: DETROIT MEDICAL CENTER
Owner Address: 4160 JOHN R G1119
DETROIT, MI 48201
Owner Phone: (313) 966-9961
Product: Gasoline
Capacity: 1500
Tank Status: Removed From Ground
Constr Material: Epoxy Coated Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: CAROLE KRECIOCH
Contact Phone: (315) 995-2584
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00039359
Tank ID: 3
Owner: DETROIT MEDICAL CENTER
Owner Address: 4160 JOHN R G1119
DETROIT, MI 48201

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DMC (MEDICAL CLINIC) (Continued)

EDR ID Number
EPA ID Number

U003330405

Owner Phone: (313) 966-9961
Product: Gasoline
Capacity: 1500
Tank Status: Removed From Ground
Constr Material: Epoxy Coated Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: CAROLE KRECIOCH
Contact Phone: (315) 995-2584
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

**B23
NNW
1/4-1/2
2414 ft.
Higher**

**DETROIT MEDICAL CENTER
8282 WOODWARD
DETROIT, MI 48202**

**RCRIS-SQG
FINDS
BEA**

**1000331228
MID000717504**

Site 2 of 2 in cluster B

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: MID000717504
Contact: GIL LOVELL
(313) 358-2540

Classification: Small Quantity Generator
Used Oil Recyc: No
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

BEA:

Petition Disclosure: 0
BEA Number: 348
District: Southeast MI
Date Received: 05/30/1997
Submitter Name: CAROLE KRECIOCH
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

**24
SE
1/4-1/2
2457 ft.
Higher**

**JOHN R & I-94 GAS STATION
5901 JOHN R ST
DETROIT, MI 48202**

**UST U003868361
LUST N/A**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN R & I-94 GAS STATION (Continued)

U003868361

LUST:

Facility ID: 00041226
Release Number: C-0208-02
Release Date: 03/27/2002
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 00041226
Tank ID: 1
Owner: Armada Oil & Gas LLC
Owner Address: 13530 Michigan Ave Ste 237
Dearborn, MI 48126
Owner Phone: 313-582-1777
Product: Gasoline
Capacity: 12000
Tank Status: Temporarily out of Use
Constr Material: Cathodically Protected Steel
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Ali Jaward
Contact Phone: 313-582-1777
Impressed Device: No
Install Date: 01/01/1993
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00041226
Tank ID: 2
Owner: Armada Oil & Gas LLC
Owner Address: 13530 Michigan Ave Ste 237
Dearborn, MI 48126
Owner Phone: 313-582-1777
Product: Gasoline
Capacity: 8000
Tank Status: Temporarily out of Use
Constr Material: Cathodically Protected Steel
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Ali Jaward
Contact Phone: 313-582-1777
Impressed Device: No
Install Date: 01/01/1993
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00041226
Tank ID: 3
Owner: Armada Oil & Gas LLC
Owner Address: 13530 Michigan Ave Ste 237
Dearborn, MI 48126
Owner Phone: 313-582-1777
Product: Diesel
Capacity: 6000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

JOHN R & I-94 GAS STATION (Continued)

U003868361

Tank Status: Temporarily out of Use
Constr Material: Cathodically Protected Steel
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Ali Jaward
Contact Phone: 313-582-1777
Impressed Device: No
Install Date: 01/01/1993
Release Detection:
Tank: Not reported
Pipe: Not reported

**25
SSE
1/4-1/2
2469 ft.
Higher**

**FIRESTONE STORE
5911 CASS AVE
DETROIT, MI 48202**

**UST U000268669
LUST N/A**

LUST:

Facility ID: 00021776
Release Number: C-1842-90
Release Date: 09/21/1990
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 09/22/1993

Facility ID: 00021776
Release Number: C-1380-90
Release Date: 07/30/1990
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 09/22/1993

UST:

Facility ID: 00021776
Tank ID: 1
Owner: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
UNKNOWN, MI 0
Owner Phone: () -
Product: Gasoline
Capacity: 0
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: C.L. KRZYSIAK
Contact Phone: (216) 362-5335
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00021776
Tank ID: 2
Owner: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
UNKNOWN, MI 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FIRESTONE STORE (Continued)

EDR ID Number
EPA ID Number

U000268669

Owner Phone: () -
Product: Gasoline
Capacity: 0
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: C.L. KRZYSIK
Contact Phone: (216) 362-5335
Impressed Device: No
Install Date: 01/01/1900
Release Detection:
Tank: Not reported
Pipe: Not reported

**26
NE
1/4-1/2
2628 ft.
Higher**

**OUTDOOR SYSTEMS INC
556 CUSTER AVE
DETROIT, MI 48202**

**RCRIS-SQG
FINDS
UST
LUST**

**1001196655
MIR000023077**

RCRIS:

Owner: OUTDOOR SYSTEMS INC
(602) 246-9569
EPA ID: MIR000023077
Contact: BEN FAVER
(313) 872-6030

Classification: Small Quantity Generator
Used Oil Recyc: No
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 00014566
Release Number: C-1039-96
Release Date: 12/16/1996
Facility Status: CLOSED
District: SE Michigan District Office
Closed Date: 06/17/1997

Facility ID: 00014566
Release Number: C-0149-89
Release Date: 04/26/1989
Facility Status: Open
District: SE Michigan District Office
Closed Date: / /

UST:

Facility ID: 00014566
Tank ID: 1
Owner: OUTDOOR SYST INC
Owner Address: 2502 N Black Canyon Hwy
Phoenix, AZ 85009

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OUTDOOR SYSTEMS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001196655

Owner Phone: (602) 246-9569
Product: Gasoline
Capacity: 2000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: DOYLE MEREDITH
Contact Phone: (313) 872-6030
Impressed Device: No
Install Date: 06/07/1955
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014566
Tank ID: 2
Owner: OUTDOOR SYST INC
Owner Address: 2502 N Black Canyon Hwy
Phoenix, AZ 85009
Owner Phone: (602) 246-9569
Product: Gasoline
Capacity: 2000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel,Lined Interior
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: DOYLE MEREDITH
Contact Phone: (313) 872-6030
Impressed Device: No
Install Date: 06/07/1959
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014566
Tank ID: 3
Owner: OUTDOOR SYST INC
Owner Address: 2502 N Black Canyon Hwy
Phoenix, AZ 85009
Owner Phone: (602) 246-9569
Product: Used Oil
Capacity: 1000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: DOYLE MEREDITH
Contact Phone: (313) 872-6030
Impressed Device: No
Install Date: 06/07/1955
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014566
Tank ID: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OUTDOOR SYSTEMS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001196655

Owner: OUTDOOR SYST INC
Owner Address: 2502 N Black Canyon Hwy
Phoenix, AZ 85009
Owner Phone: (602) 246-9569
Product: Diesel
Capacity: 5000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: DOYLE MEREDITH
Contact Phone: (313) 872-6030
Impressed Device: No
Install Date: 06/07/1955
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014566
Tank ID: 5
Owner: OUTDOOR SYST INC
Owner Address: 2502 N Black Canyon Hwy
Phoenix, AZ 85009
Owner Phone: (602) 246-9569
Product: Diesel
Capacity: 5000
Tank Status: Removed From Ground
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: DOYLE MEREDITH
Contact Phone: (313) 872-6030
Impressed Device: No
Install Date: 06/07/1955
Release Detection:
Tank: Not reported
Pipe: Not reported

27
East
1/2-1
3092 ft.
Higher

GMC CHEVROLET DETROIT ASSEMBLY
601 PIQUETTE
DETROIT, MI 48202

RCRIS-SQG 1000106685
RCRIS-TSD MID076380583
FINDS
CORRACTS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Non NPL Code: DR
Ownership Status: Unknown
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: ARCHIVE SITE
CERCLIS-NFRAP Alias Name(s):
FORMERLY GMC TRUCK AND BUS GROUP
CORRACTS Data:

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Completed: 06/03/1993
Completed: 11/30/1993
Completed: 12/18/1995

EPA Id: MID076380583
Region: 5

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GMC CHEVROLET DETROIT ASSEMBLY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000106685

State: MI
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 03/31/1994
Corrective Action: CA225YE - Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations

EPA Id: MID076380583
Region: 5
State: MI
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/30/1993
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event Date: 03/31/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 09/30/1993

RCRIS:

Owner: GMC CHEVROLET DETROIT ASSEMBLY
(313) 556-6325
EPA ID: MID076380583
Contact: F QUAKENBUSH
(313) 556-6325

Rank Status: 3
Rank Date: 09/30/1993
Classification: TSDF
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/22/1990
Actual Date Achieved Compliance: 10/22/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/17/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 05/16/1989
Actual Date Achieved Compliance: 06/19/1989

Enforcement Action: WRITTEN INFORMAL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GMC CHEVROLET DETROIT ASSEMBLY (Continued)

EDR ID Number
EPA ID Number

1000106685

Enforcement Action Date: 05/31/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 05/16/1989
Actual Date Achieved Compliance: 06/19/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 03/03/1989
Actual Date Achieved Compliance: 05/10/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/05/1989
Penalty Type: Not reported

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19901022
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19890619
	TSD-LAND BAN REQUIREMENTS	19890619
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19890510

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

**28
East
1/2-1
3430 ft.
Higher**

**MCI INC
666 HARPER
DETROIT, MI 48202**

**RCRIS-SQG 1000138214
FINDS MID981190531
SHWS**

RCRIS:

Owner: MUIR ROBERT
(312) 555-1212
EPA ID: MID981190531
Contact: STEVEN MUIR
(313) 871-1161

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MCI INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000138214

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Enforcement Docket System (DOCKET)

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 82000114

Facility Status: Active

Source: Misc Metal Work

Pollutant(s): Acetic Acid, Chromic Acid, Methylene Chloride

SAM Score: 18

SAM Score Date: 1991-10-18 00:00:00.

Township: 01S

Range: 12E

Section: 31

Quarter: S

Quarter/Quarter: N

**29
East
1/2-1
3792 ft.
Higher**

**CAMEO COLOR COAT
6051 HASTINGS
DETROIT, MI 48211**

**RCRIS-SQG
CORRACTS
SHWS**

**1000209120
MID980568646**

CORRACTS Data:

EPA Id: MID980568646

Region: 5

State: MI

Area Name: ENTIRE FACILITY

Original Scheduled Date: Not reported

New Scheduled Date: Not reported

Actual Date: 03/31/1992

Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 03/31/1992

RCRIS:

Owner: BARCLAE A AND BERMAN B
(313) 556-1156

EPA ID: MID980568646

Contact: PETER BARCLAE
(313) 873-1131

Rank Status: 3

Rank Date: 03/31/1992

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CAMEO COLOR COAT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000209120

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-PERMIT CONDITION
Date Violation Determined:	12/18/2001
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/18/2001
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>
Non-Financial Record Review	TSD-PERMIT CONDITION

Date of
Compliance

SHWS:

Facility ID:	82001589
Facility Status:	No Action Taken
Source:	Fabricated Metal Products
Pollutant(s):	TOLUENE, ETHYLBENZEN, ZYLENE, PCA, PCB, PB, As, Cr, Ag, benzo(a)
SAM Score:	32
SAM Score Date:	1998-11-12 00:00:00.
Township:	15
Range:	12E
Section:	31
Quarter:	N
Quarter/Quarter:	S

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DETROIT	S105541356		9244-9268 / 9222 GRAND RIVER		BEA
DETROIT	S105541392		1370 CASS AVENUE / 315 BAGLEY		BEA
DETROIT	S105541449		SOUTHWEST CORNER OF W. GRAND B		BEA
DETROIT	S104912659	DETROIT CITY OF	FIRST PHASE AREA OF I-94		BEA
DETROIT	S104915893	DETROIT ENERGY RECYCLING, LLC	2660 EAST GRAND BOULEVARD	48211	SWF/LF
DETROIT	S104911644	ALLIED WASTE INDUSTRIES	2660 E. GRAND BOULEVARD	48211	BEA
DETROIT	S104911744	SECOND EBENEZER BAPTIST CHURCH	2795 E. GRAND BLVD.	48211	BEA
DETROIT	S104912362	ENERGY GROUP, INC THE	2660 E. GRAND BOULEVARD	48211	BEA
DETROIT	S105541418		2525 E. GRAND BLVD.	48211	BEA
DETROIT	S105541420		2525 E. GRAND BLVD	48211	BEA
DETROIT	S105541422		2660 E. GRAND BLVD.	48211	BEA
DETROIT	1004723512	TRIZEC PROPERTIES FISHER BLDG	3011 W GRAND BLVD STE 450	48202	RCRIS-SQG
DETROIT	S104911337	LITTLE CAESARS	2148 W. GRAND RIVER AVENUE AND		BEA
DETROIT	S104911788	GRAND TELEGRAPH DEVELOPMENT CO.	GRAND RIVER / TELEGRAPH - LO		BEA
DETROIT	S105541406		GRAND RIVER AND SCHAEFER		BEA
DETROIT	S105541411		W. GRAND BLVD. AND ROSA PARKS		BEA
DETROIT	U003868643	CITY OF DETROIT	4161 SECOND AVE	48202	UST
DETROIT	1001488141	MIDOT BRIDGE M-10 UNDER EUCLID AVE	M-10 UNDER EUCLID AVE	48202	RCRIS-LQG, FINDS
DETROIT	U003868541	FORMER CADILLAC MOTOR CAR CO	6161 WOODWARD AVE 1403 WOODWA	48202	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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

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: 07/18/02

Date Made Active at EDR: 09/20/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02

Elapsed ASTM days: 50

Date of Last EDR Contact: 08/01/02

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 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 05/29/02

Date Made Active at EDR: 09/20/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02

Elapsed ASTM days: 50

Date of Last EDR Contact: 08/01/02

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

Source: EPA

Telephone: 703-413-0223

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: 08/15/02

Date Made Active at EDR: 10/28/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02

Elapsed ASTM days: 35

Date of Last EDR Contact: 09/23/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 07/24/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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: 07/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/01/02
Date of Next Scheduled EDR Contact: 11/04/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

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: 06/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 07/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

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: 06/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/02/02
Date of Next Scheduled EDR Contact: 11/11/02

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

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

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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

Date of Government Version: 04/25/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02

Date of Next Scheduled EDR Contact: 12/23/02

STATE OF MICHIGAN ASTM STANDARD RECORDS

SHWS: Contaminated Sites

Source: Department of Environmental Quality

Telephone: 517-373-9541

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

Date of Government Version: 10/03/02

Date Made Active at EDR: 10/16/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/07/02

Elapsed ASTM days: 9

Date of Last EDR Contact: 08/27/02

SWF/LF: Solid Waste Facilities Database

Source: Department of Environmental Quality

Telephone: 517-335-4035

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: 05/07/02

Date Made Active at EDR: 06/07/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/14/02

Elapsed ASTM days: 24

Date of Last EDR Contact: 08/26/02

LUST: Leaking Underground Storage Tank Sites

Source: Department of Environmental Quality

Telephone: 517-373-8168

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: 08/30/02

Date Made Active at EDR: 10/16/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/16/02

Elapsed ASTM days: 30

Date of Last EDR Contact: 09/16/02

UST: Underground Storage Tank Facility List

Source: Department of Environmental Quality

Telephone: 517-373-8168

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: 08/30/02

Date Made Active at EDR: 10/11/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/16/02

Elapsed ASTM days: 25

Date of Last EDR Contact: 09/16/02

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Source: DEPT. OF ENVIRONMENTAL QUALITY

Telephone: 517-373-9541

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/18/02
Date Made Active at EDR: 10/04/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/18/02
Elapsed ASTM days: 16
Date of Last EDR Contact: 09/16/02

STATE OF MICHIGAN ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Tanks

Source: Department of Environmental Quality
Telephone: 517-373-8168
Registered Aboveground Storage Tanks.

Date of Government Version: 08/26/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/17/02
Date of Next Scheduled EDR Contact: 12/16/02

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

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.

Oil/Gas Pipelines/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

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 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DETROIT MI CASS AVE
6560 CASS AVENUE
DETROIT, MI 48202

TARGET PROPERTY COORDINATES

Latitude (North):	42.369400 - 42° 22' 9.8"
Longitude (West):	83.074600 - 83° 4' 28.6"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	329175.6
UTM Y (Meters):	4692662.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2442083-C1 DETROIT, MI CA08
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SSE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> WAYNE, MI	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	2602220030B
Additional Panels in search area:	2602220010B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> DETROIT	<u>NWI Electronic Data Coverage</u> Not Available
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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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Location Relative to TP: 1 - 2 Miles SSW
Site Name: Forest Humboldt Dumping
Site EPA ID Number: MID985580471
Groundwater Flow Direction: NOT AVAILABLE.
Inferred Depth to Water: not available.
Hydraulic Connection: An aquifer that is present at a depth of approximately 50 feet is overlain by a clay layer.
Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/2 - 1 Mile NE	Not Reported
2	1/2 - 1 Mile ENE	Not Reported
3	1 - 2 Miles WSW	Not Reported
5	1 - 2 Miles SSE	Varies
6	1 - 2 Miles South	NNW
7	1 - 2 Miles WSW	N
8	1 - 2 Miles NNE	SSW

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

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: Devonian
Series: Middle Devonian
Code: D2 (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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay loam
loamy fine sand
loamy sand

Surficial Soil Types: clay loam
loamy fine sand
loamy sand

Shallow Soil Types: sand
silty clay

Deeper Soil Types: silt loam
sand
clay loam
silty clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

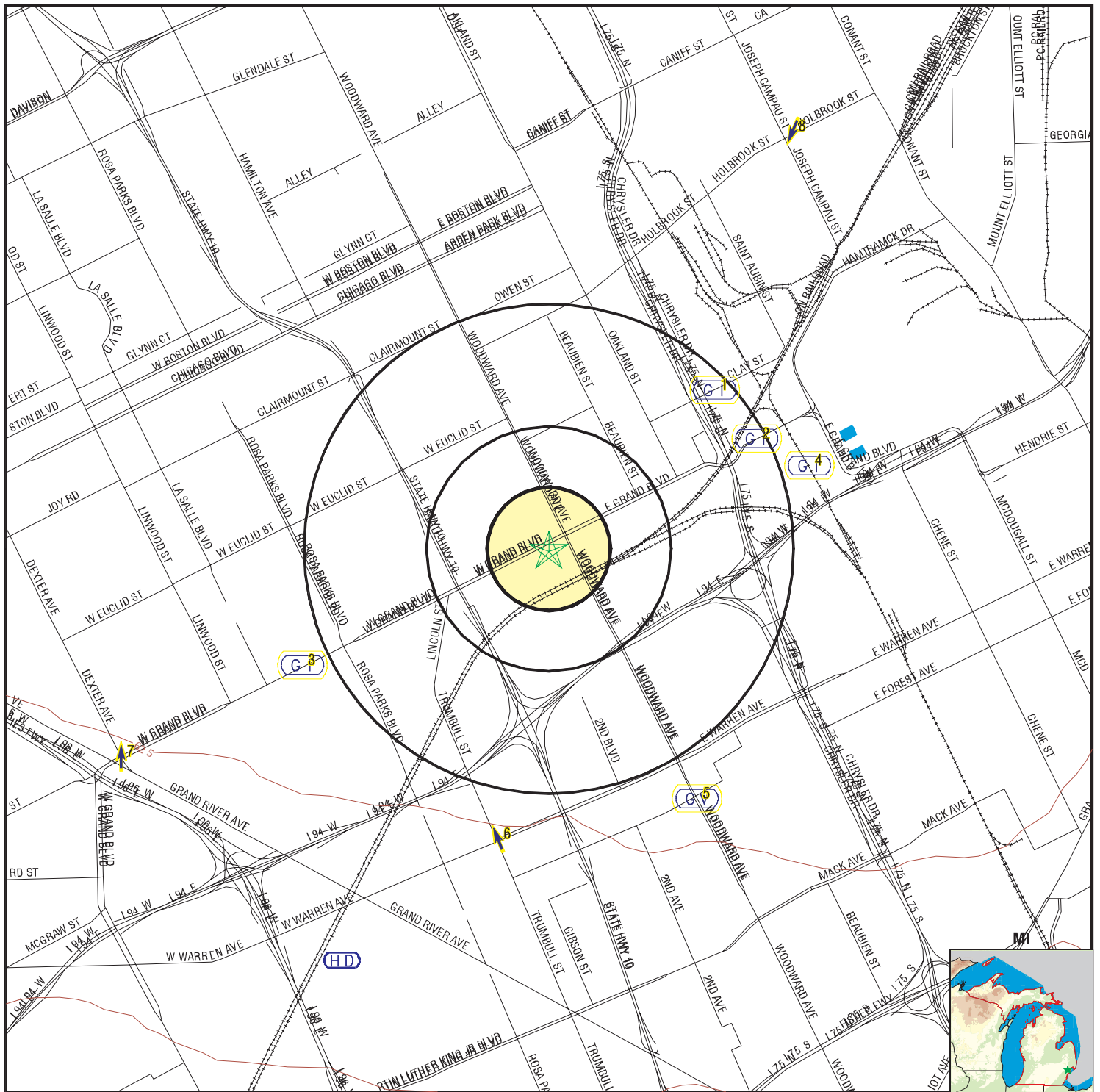
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 875989.4s



- County Boundary
- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Detroit MI Cass Ave
ADDRESS: 6560 Cass Avenue
CITY/STATE/ZIP: Detroit MI 48202
LAT/LONG: 42.3694 / 83.0746

CUSTOMER: Blasland, Bouck & Lee, Inc
CONTACT: Brad Saunders
INQUIRY #: 875989.4s
DATE: November 05, 2002 2:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

1 NE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	826506 Not Reported Not Reported Not Reported 14 12/29/1995	AQUIFLOW	34946
2 ENE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	826665 Not Reported Not Reported Not Reported 25 11/01/1994	AQUIFLOW	34980
3 WSW 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	#5108 Not Reported Not Reported Not Reported 5.37 01/18/1994	AQUIFLOW	36176
5 SSE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	0509911310 Varies Not Reported Not Reported 6.5 01/06/1992	AQUIFLOW	35311
6 South 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	821172 NNW 1.1 3.35 Not Reported 03/31/1993	AQUIFLOW	35339
7 WSW 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	820949 N 8 12 Not Reported 04/02/1997	AQUIFLOW	35074
8 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	268173400 SSW Not Reported Not Reported Not Reported 04/20/1998	AQUIFLOW	37578

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for WAYNE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48202

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 from the U.S. Fish and Wildlife Service.

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality, Drinking Water and Radiological Protection Division
Telephone: 517-335-9218

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

Area Radon Information

Source: EPA
Telephone: 303-236-1525
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: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E

Historical Information



The EDR-City Directory
Abstract

**Detroit MI Cass Ave
6560 Cass Avenue
Detroit, MI 48202**

November 8, 2002

Inquiry Number: 875989-8

***The Source*
For Environmental
Risk Management
Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.

City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice."* (ASTM E 1527-00, Section 7.3.4, page 12.)

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

Disclaimer

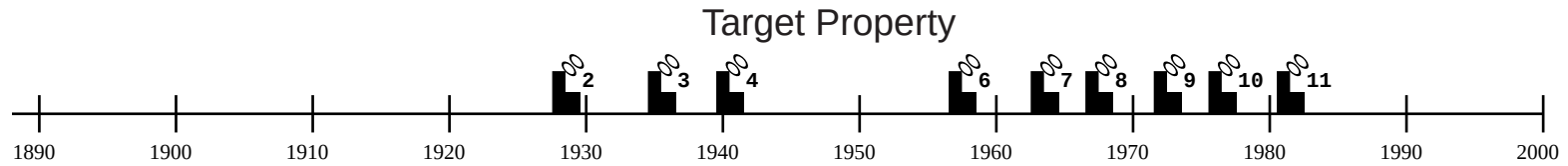
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Prior Use Report® Timeline



Legend:

 = Historical Topographic Map (HT)

 = National Wetland Inventory Map (WT) *

Superscript number corresponds to graph ID in text

**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

 = Flood Prone/FEMA Maps (FP/FR) *

 = Aerial Photos Included (P) *

 = Aerial Photos Available *

 = Residential (R)

 = Commercial or Industrial (C)

Target Property: Detroit MI Cass Ave
Address: 6560 Cass Avenue
City/State/Zip: Detroit, MI 48202

Customer: Blasland, Bouck & Lee, Inc
Contact: Brad Saunders
Inquiry #: 875989-8
Date: 11/08/2002

4. 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 1885 through 2002. (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:
City Directories November 07, 2002

Target Property:
6560 Cass Avenue
Detroit, MI 48202

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
-- 1885	Address not Listed in Research Source		Polk''s City Directory
-- 1891	Address not Listed in Research Source		Polk''s City Directory
-- 1896	Address not Listed in Research Source		Polk''s City Directory
-- 1902	Address not Listed in Research Source		Polk''s City Directory
-- 1907	Address not Listed in Research Source		Polk''s City Directory
-- 1913	Address not Listed in Research Source		Polk''s City Directory
-- 1918	Address not Listed in Research Source		Polk''s City Directory
1 1925	Vacant		Polk''s City Directory
2 1929	Stephenson Building	N/A	Polk''s City Directory
3 1936	Stephenson Building	N/A	Polk''s City Directory
4 1941	Stephenson Building	N/A	Polk''s City Directory
5 1953	Street not listed in research source.		Polk''s City Directory
6 1958	Stephenson Building	N/A	Polk''s City Directory
7 1964	Stephenson Building	N/A	Polk''s City Directory
8 1968	Boulevard Center Building	N/A	Polk''s City Directory
9 1973	Boulevard Center Building	N/A	Bresser''s Cross Directory
10 1977	Boulevard Center Building	N/A	Bresser''s Cross Directory
11 1982	Boulevard Center Building	N/A	Bresser''s Cross Directory
-- 1987	Address not Listed in Research Source		Bresser''s Cross Directory
-- 1992	Address not Listed in Research Source		Bresser''s Cross Directory
-- 1997	Address not Listed in Research Source		Bresser''s Cross Directory
-- 2002	Address not Listed in Research Source		Bresser''s Cross Directory

Adjoining Properties

SURROUNDING AREA

Multiple Addresses
Detroit, MI 48202

<u>PUR ID</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1885	Address not Listed in Research Source		Polk's City Directory
1891	Address not Listed in Research Source		Polk's City Directory
1896	Address not Listed in Research Source		Polk's City Directory
1902	Address not Listed in Research Source		Polk's City Directory
1907	Address not Listed in Research Source		Polk's City Directory
1913	**Cass Avenue** Address Not Listed in Research Source (6526) Address Not Listed in Research Source (6532) Address Not Listed in Research Source (6534) Address Not Listed in Research Source (6540) Address Not Listed in Research Source (6546) Address Not Listed in Research Source (6550) Address Not Listed in Research Source (6558) **West Grand Avenue** Address Not Listed in Research Source (3050) Address Not Listed in Research Source (3052) Address Not Listed in Research Source (3054) Residence (3056) Address Not Listed in Research Source (3066) Arlington Apartments (3076) Address Not Listed in Research Source (3078) Address Not Listed in Research Source (3080) Address Not Listed in Research Source (3082) Arlington Apartments (3086) Itasca Apartments (3090) Address Not Listed in Research Source (3092) Address Not Listed in Research Source (3096) Address Not Listed in Research Source (3098) Address Not Listed in Research Source (3100) Address Not Listed in Research Source (3102) Address Not Listed in Research Source (3104) Address Not Listed in Research Source (3106) Address Not Listed in Research Source (3108)	N/A	Polk's City Directory
1918	**Cass Avenue**	N/A	Polk's City Directory

<u>PUR ID</u>	<u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1918 (continued)		Address Not Listed in Research Source (6526) Address Not Listed in Research Source (6532) Address Not Listed in Research Source (6534) Address Not Listed in Research Source (6540) Address Not Listed in Research Source (6546) Address Not Listed in Research Source (6550) Address Not Listed in Research Source (6558) **West Grand Avenue** Residence (3050) Residence (3052) Residence (3054) Residence (3056) Hyatt Roller Bearing Co. (3066) Arlington Apartments (3076) Address Not Listed in Research Source (3078) Address Not Listed in Research Source (3080) Address Not Listed in Research Source (3082) Arlington Apartments (3086) Thomas Normal Training School (3090) Address Not Listed in Research Source (3092) Address Not Listed in Research Source (3096) Address Not Listed in Research Source (3098) Address Not Listed in Research Source (3100) Address Not Listed in Research Source (3102) Thomas Normal Training School (3104) Address Not Listed in Research Source (3106) Address Not Listed in Research Source (3108)		
1925		**Cass Avenue** Arthur Koch (restaurant) (6526) Address Not Listed in Research Source (6532) Automatic Heat Corp. (6534) General Motors Co. (garage) (6540) Address Not Listed in Research Source (6546) Address Not Listed in Research Source (6550) Address Not Listed in Research Source (6558) **West Grand Avenue** Address Not Listed in Research Source (3078) Address Not Listed in Research Source (3080) Address Not Listed in Research Source (3082) Address Not Listed in Research Source (3086) Itasca Apartments (3090) Lucky Bros. (real estate) (3092) Winona Apartments (3096)	N/A	Polk's City Directory

<u>PUR ID</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1925 (continued)	Henry Edwards Co. (ladie's furnishings) (3098) Christian Science Reading Room (3100) Holland Furnace Building (6 occupants) (3102) Leonard & Co. (office supplies) (3104) S.S. Marx (furriers) (3106) W.U. Tel. Company (3108)		
1929	**Cass Avenue** Vacant (6526) Address Not Listed in Research Source (6532) Vacant (6534) General Motors Co. (garage) (6540) Morris Disner (tailor) (6546) Industrial Plan Bank (6550) Daniel Witwer, Inc. (restaurant) (6558) **West Grand Avenue** Griswold First State Bank (3078) Address Not Listed in Research Source (3080) Address Not Listed in Research Source (3082) Singer Sewing Machine Co. (3086) Itasca Apartments (3090) Stephens May (beauty parlor) (3092) Winona Apartments (3096) Henry Edwards Co. (ladie's furnishings) (3098) Leonard & Co., Inc. (office supplies) (3100) Holland Furnace Building (6 occupants) (3102) Vacant (3104) S.S. Marx (furriers) (3106) W.U. Tel. Company (3108)	N/A	Polk's City Directory
1936	**Cass Avenue** Selian & Co., Inc. (auto repairs) (6526) Address Not Listed in Research Source (6532) LaParisienne (restaurant) (6534) Selian & Co., Inc. (garage) (6540) Morris Disner (tailor) (6546) Industrial Bank of Detroit (6550) Daniel Witwer, Inc. (restaurant) (6558) **West Grand Avenue** Bessie Bowman's Fashions (women's furnishings) (3078) Kuhlman & Co. (jewelers) (3080) Cass-Grand Cleaners & Hatters (3082) Singer Sewing Machine Co. (3086)	N/A	Polk's City Directory

<u>PUR ID</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1936 (continued)	Luyckx Bros. (real estate) (3092) Winona Apartments (3096) D.J. Healy Shops (3098) Leonard & Co., Inc. (office supplies) (3100) Holland Furnace Building (3102) H.W. McCullough Co. (jewelers) (3104) Boulevard Cotton Shop (3106)		
1941	**Cass Avenue** Aram Mugardickin (merchant tailor) (6526) Vacant (6532) LaParisienne (restaurant) (6534) Maurie's Car & Storage Service (6540) Morris Disner (tailor) (6546) Industrial National Bank (6550) Edward Taunenbaum (men's furnishings) (6558) **West Grand Avenue** Addres Not Listed in Research Source (3078) D.J. Healy Shops (3080) Peter J. Economy Shoe Repair (3082) Albert Jewelers (3086) Luyckx Bros. (real estate) (3092) Winona Apartments (3096) Leonard & Co., Inc. (office supplies) (3100)	N/A	Polk's City Directory
1953	**Cass Avenue** Street Not Listed in Research Source **West Grand Avenue** Addres Not Listed in Research Source (3078) H.A. Reed Co. (mfrs. agt.) (3080) Cass-Grand Clnrs. & Hatters (3082) Albert Jewelers (3086) William Luyckx (real estate) (3092) Sperry & Hutchinson Co. (3100)	N/A	Polk's City Directory
1958	**Cass Avenue** Sixty Five Forty Cass Ave. Garage, Inc. (auto repair) (6526) Estate-Development Co. (real estate) (6526) Clique Lounge Bar (cocktail lounge) (6534) Sixty Five Forty Cass Avenue Parking Lot (6540) Central Office Supply Co. (6546) Third Church of Christ Scientist Reading Room (6550) General Finance Loan Co. (6558) **West Grand Avenue**	N/A	Polk's City Directory

<u>PUR ID</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1958 (continued)	Addres Not Listed in Research Source (3078) Vacant (3080) Cass-Grand Clnrs. & Hatters (3082) Albert Jewelers (3086) William Luyckx (real estate) (3092) Sperry & Hutchinson Co. (3100)		
1964	**Cass Avenue** Sixty Five Forty Cass Ave. Garage, Inc. (auto repair) (6526) Floyd Bowles (tax consultant) (6526) Estate-Development Co. (real estate) (6526) Clique Lounge Bar (cocktail lounge) (6534) Sixty Five Forty Cass Avenue Parking Lot (6540) Central Office Supply Co. (6546) Third Church of Christ Scientist Reading Room (6550) Michigan Eyesight Service, Inc. (optom.) (6558) **West Grand Avenue** Addres Not Listed in Research Source (3078) Regency Discount Drugs (3080) Cass-Grand Shoe Repair (3082) Albert Jewelers (3086) Pal Parking Company (3092) No Return (3100)	N/A	Polk''s City Directory
1968	**Cass Avenue** Sixty Five Forty Cass Ave. Garage, Inc. (auto repair) (6526) Floyd Bowles (tax consultant) (6526) Vacant (6534) Sixty Five Forty Cass Avenue Parking Lot (6540) **West Grand Avenue** American Savings & Loan Association (3078) Regency Discount Drugs (3080) Metro Detroit Travel Center (3082) Cass Grand Shoe Repair (3086) Pal Parking Company (3092) Model Cleaners, Inc. (3100)	N/A	Polk''s City Directory
1973	**Cass Avenue** Address Not Listed in Research Source **West Grand Avenue** Steps Restaurant (3078) Regency Prescription Drug (3080) Washington Clothiers (3082)	N/A	Bresser''s Cross Directory

<u>PUR ID</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1973 (continued)	Cass Grand Repair (3086) Pal Parking Company (3092) Hertz Truck Rental (3092) Queen Cleaners & Laundry (3100) Model Cleaners, Inc. (3100)		
1977	**Cass Avenue** Address Not Listed in Research Source **West Grand Avenue** Steps Restaurant (3078) Regency Prescription Drug (3080) Man Handlers (3082) Cass Grand Repair (3086) Pal Parking Company (3092) Hertz Truck Rental (3092) Address Not Listed in Research Source (3100)	N/A	Bresser's Cross Directory
1982	**Cass Avenue** Address Not Listed in Research Source **West Grand Avenue** Steps Restaurant (3078) Cody Regency Drug (3080) Man Handlers (3082) Cass Grand Company (3086) Pal Parking Company (3092) Address Not Listed in Research Source (3100)	N/A	Bresser's Cross Directory
1987	Address not Listed in Research Source		Bresser's Cross Directory
1992	Address not Listed in Research Source		Bresser's Cross Directory
1997	**Cass Avenue** Address Not Listed in Research Source **West Grand Avenue** Pal Parking Company (3092) Visions Above (3100)	N/A	Bresser's Cross Directory
2002	**Cass Avenue** Address Not Listed in Research Source **West Grand Avenue** Pal Parking Company (3092) Visions Above (3100)	N/A	Bresser's Cross Directory



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Brad Saunders

Blasland, Bouck & Lee, Inc

455 E Eisenhower Pkwy

Ann Arbor, MI 48108

Order Date: 11/5/2002

Completion Date: 11/06/2002

Inquiry #: 875989.5S

P.O. #: ENCORE / GM Commeric

Site Name: Detroit MI Cass Ave

Address: 6560 Cass Avenue

City/State: Detroit, MI 48202

1152387DEL

734-668-1133

Cross Streets: Grand Blvd.

Based on client-supplied information, fire insurance maps for the following years were identified

1889 - 1 map	1977 - 1 - map
1897 - 1 - map	1989 - 1 - map
1910 - 1 - map	1991 - 1 - map
1941 - 1 - map	
1951 - 1 - map	
1953 - 1 - map	
1957 - 1 - map	
1961 - 1 - map	

Total Maps: 11

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Organization of Electronic Sanborn Image File

- First Page Sanborn Map Report, listing years of coverage
- Second Page Electronic Sanborn Map Images USER'S GUIDE
- Third Page Oldest Sanborn Map Image
- Last Page Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
 - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- Zooming in on an image:
 - On the menu bar, click "View" and then zoom.
 - Use the magnifying tool and drag a box around the TP area.

Printing a Sanborn Map from the Electronic File

- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

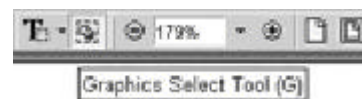
Acrobat Version 4

- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.



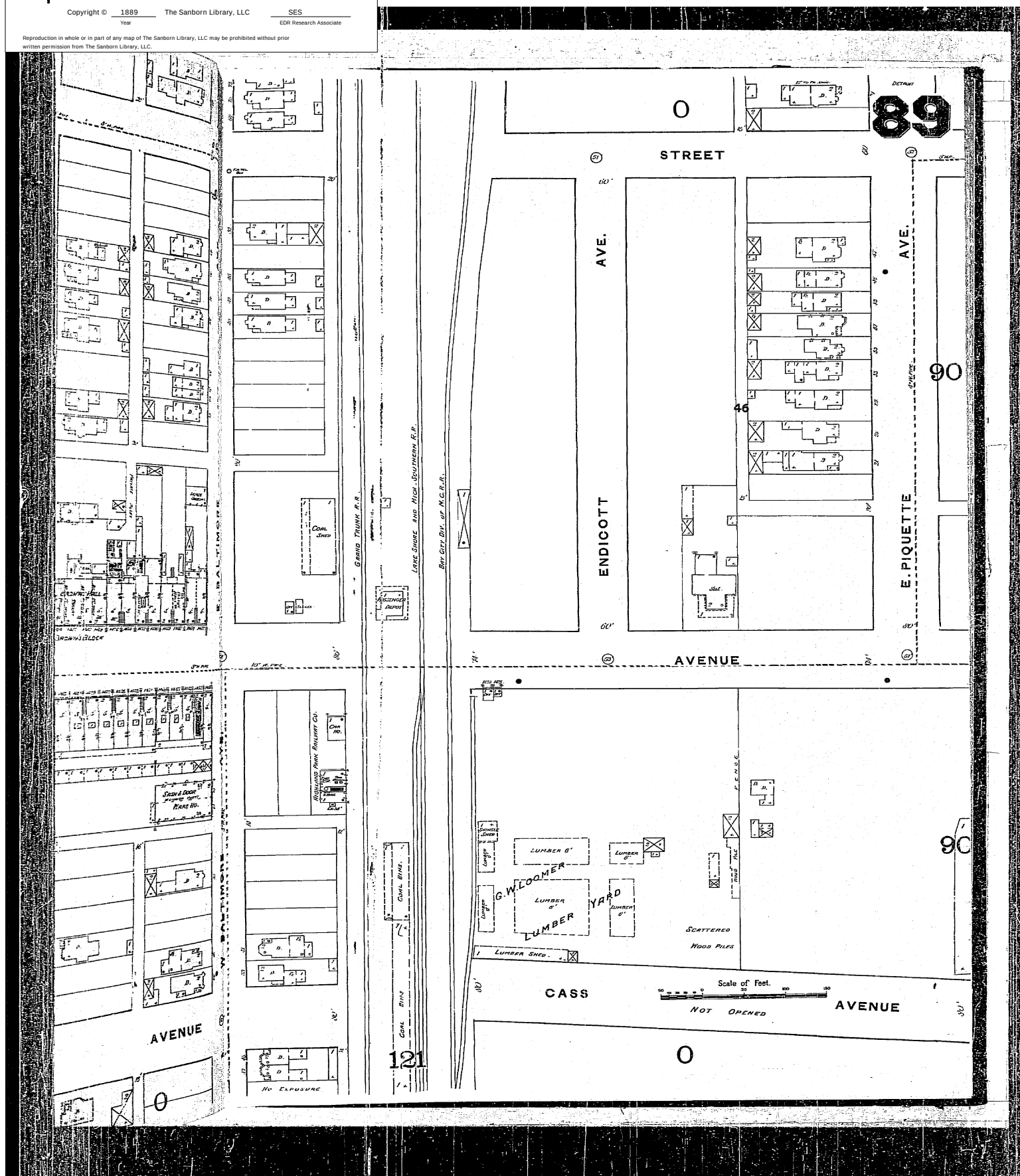
Acrobat Version 5

- Go to the Menu Bar.
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.



Important Information about Email Delivery of Electronic Sanborn Map Images

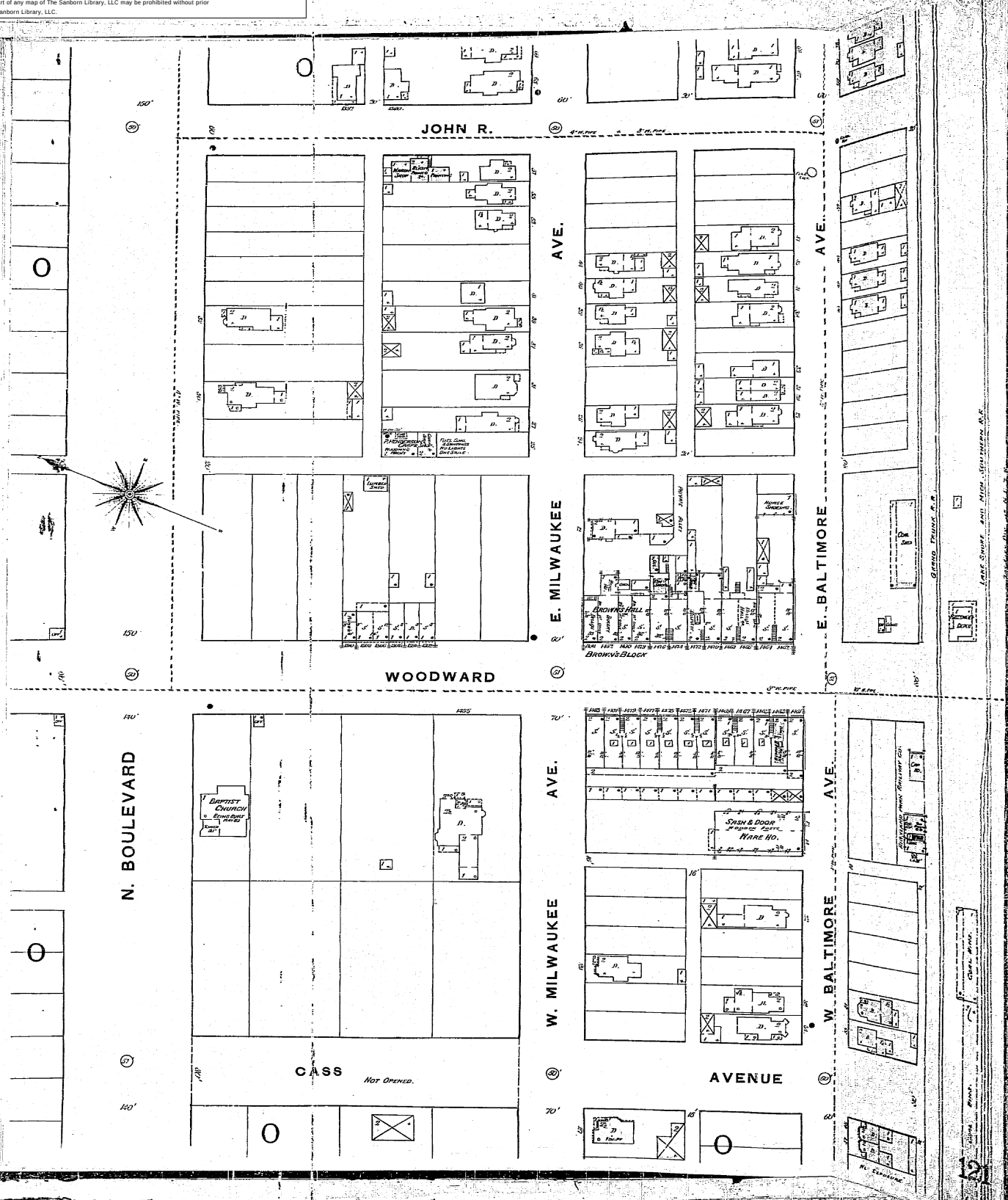
- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.





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21

ASTORIA TEL. 5

SEE VOLUME THREE

WOODWARD AV.

CASS AV.

MILWAUKEE AV. W.

BALTIMORE AV. W.

22

24

Scale of Map

50 feet to one inch

2ND ST. W.



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35

SEE VOLUME NINE

GRAND

BLVD W.

WOODWARD

Three

AV.

AV. W.

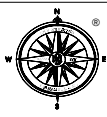
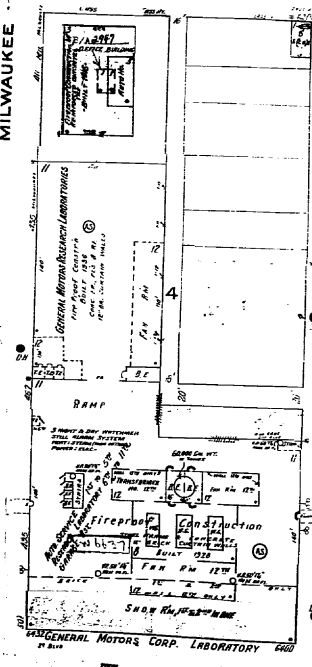
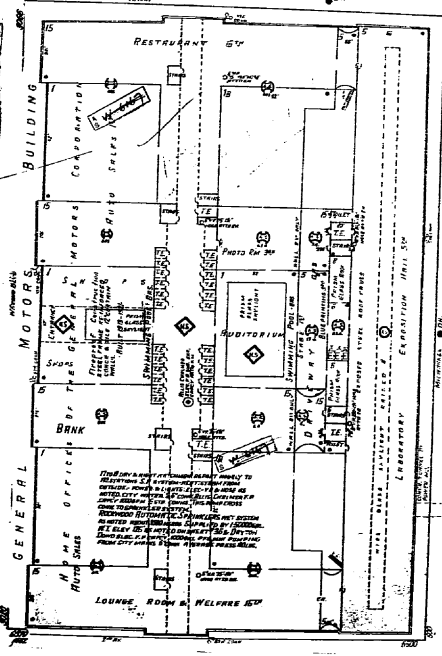
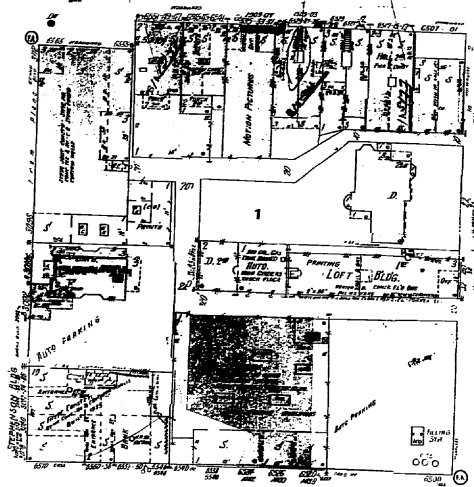
AV. W.

CASS AV.

36

MILWAUKEE

BALTIMORE



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35

PLAT 011

SEE VOLUME

THREE

WOODWARD AV.

SEE VOLUME NINE

GRAND BLVD W.

AV. W.

AV. W.

CASS AV.

36

MILWAUKEE

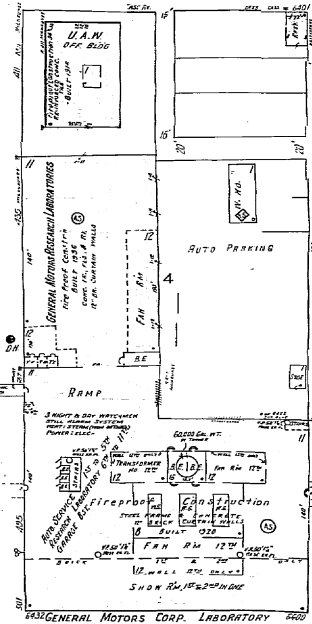
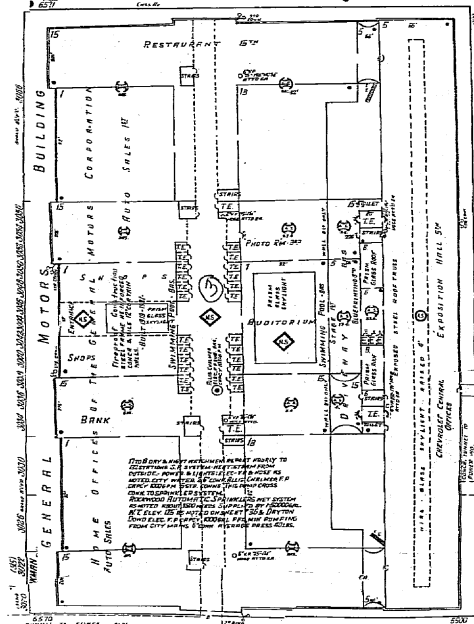
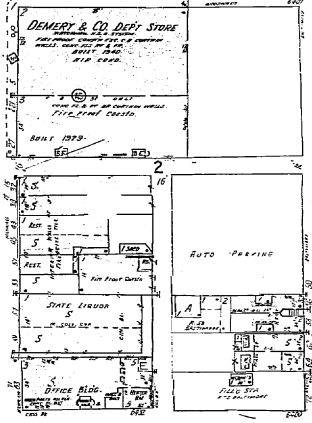
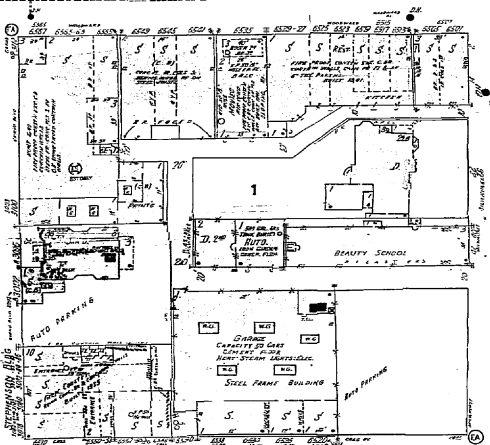
BALTIMORE

2ND

BLVD.

33

Scale of Feet.



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SEE VOLUME NINE

BLVD W.

GRAND

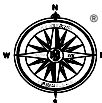
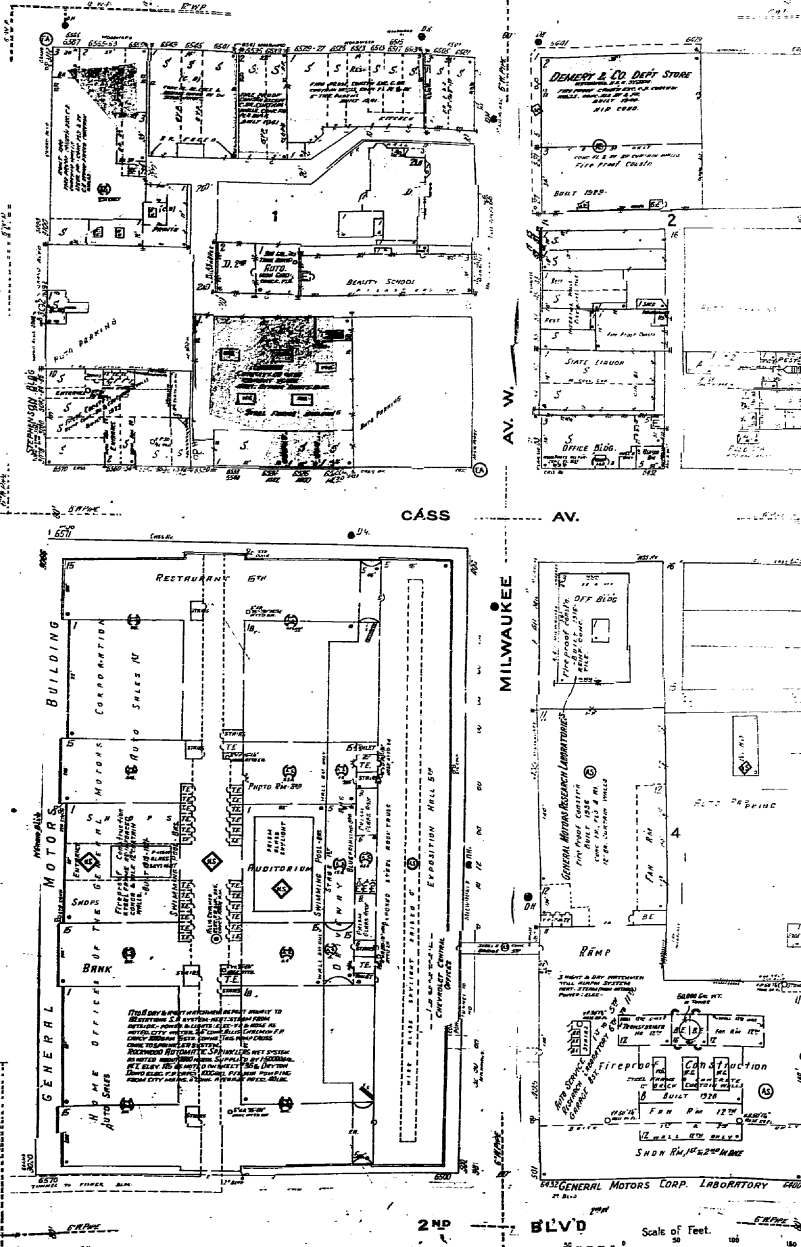
WOODWARD AV.

CASS AV.

MILWAUKEE

BALTIMORE

36

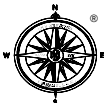
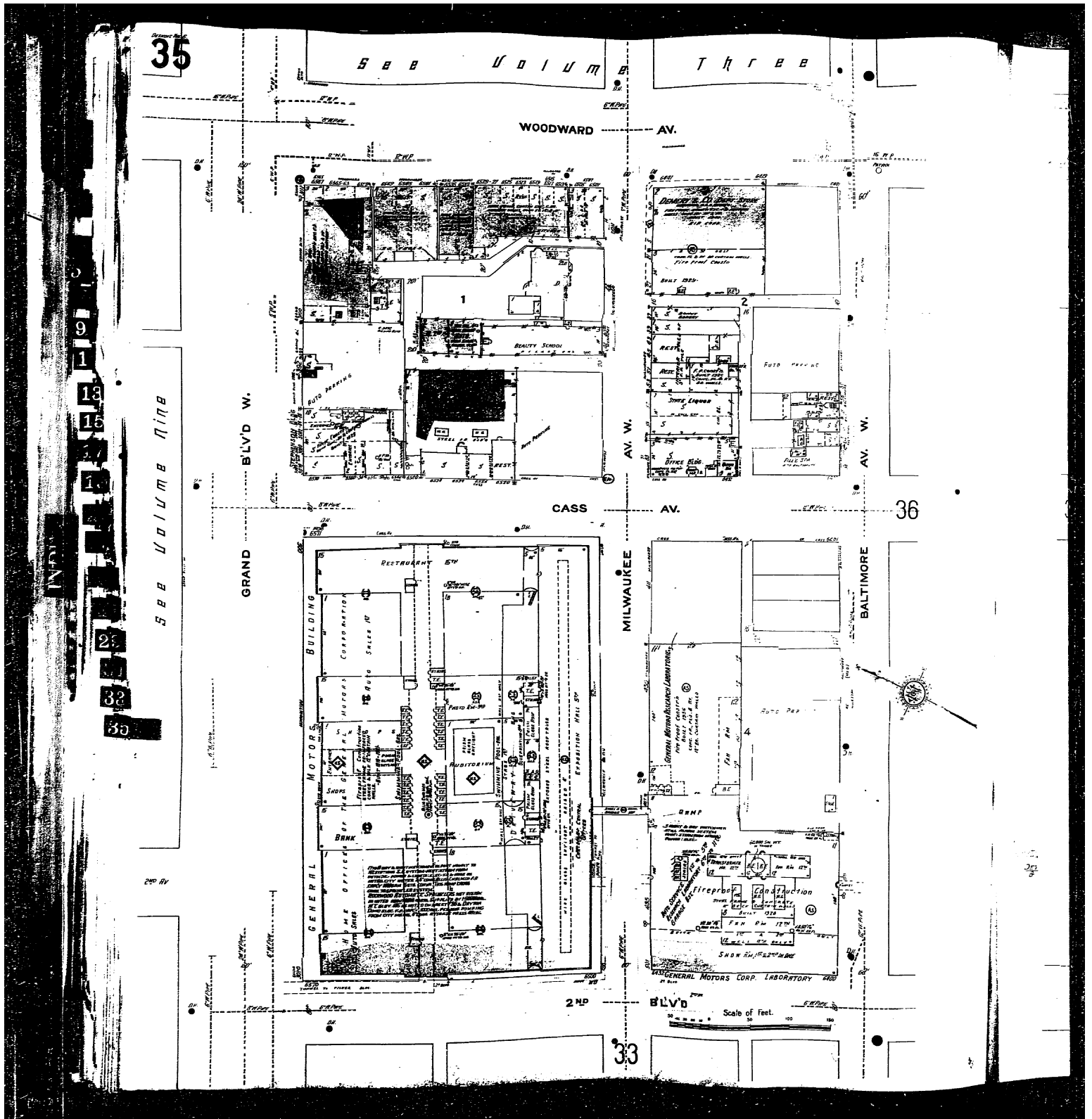


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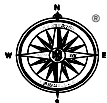
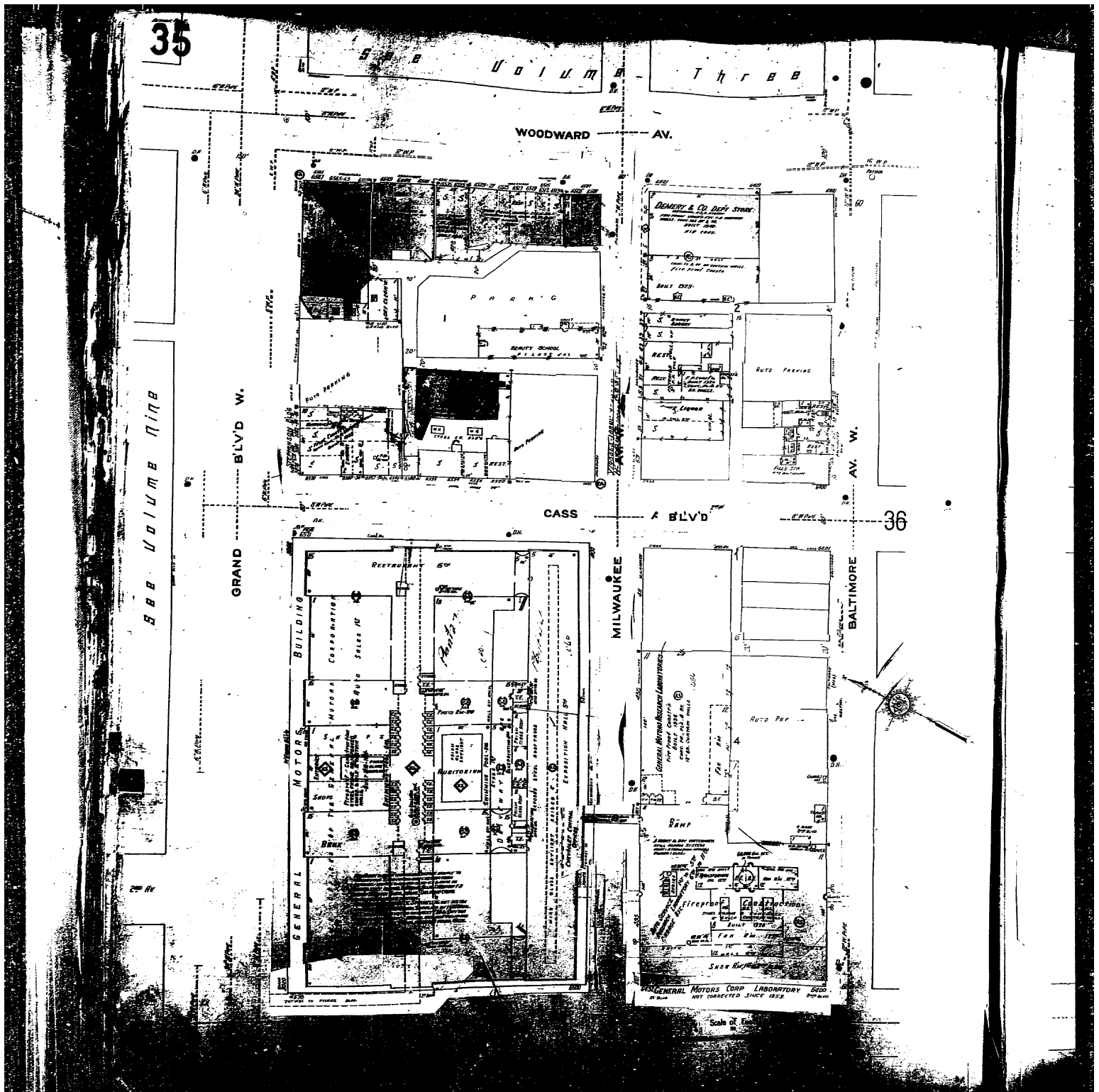


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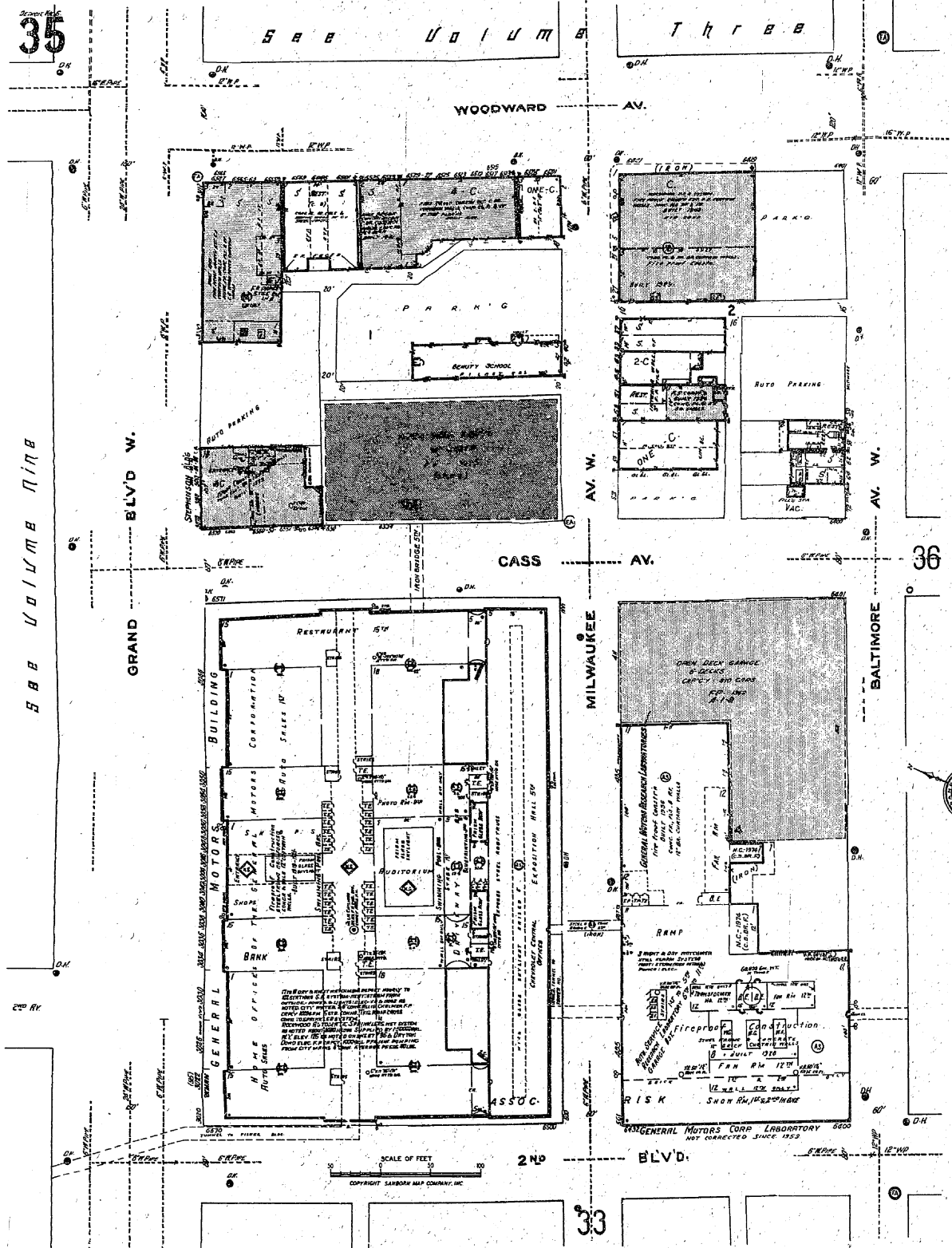
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35

SEE VOLUME NINE

GRAND BLVD W.

WOODWARD AV.

CASS AV.

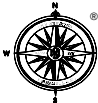
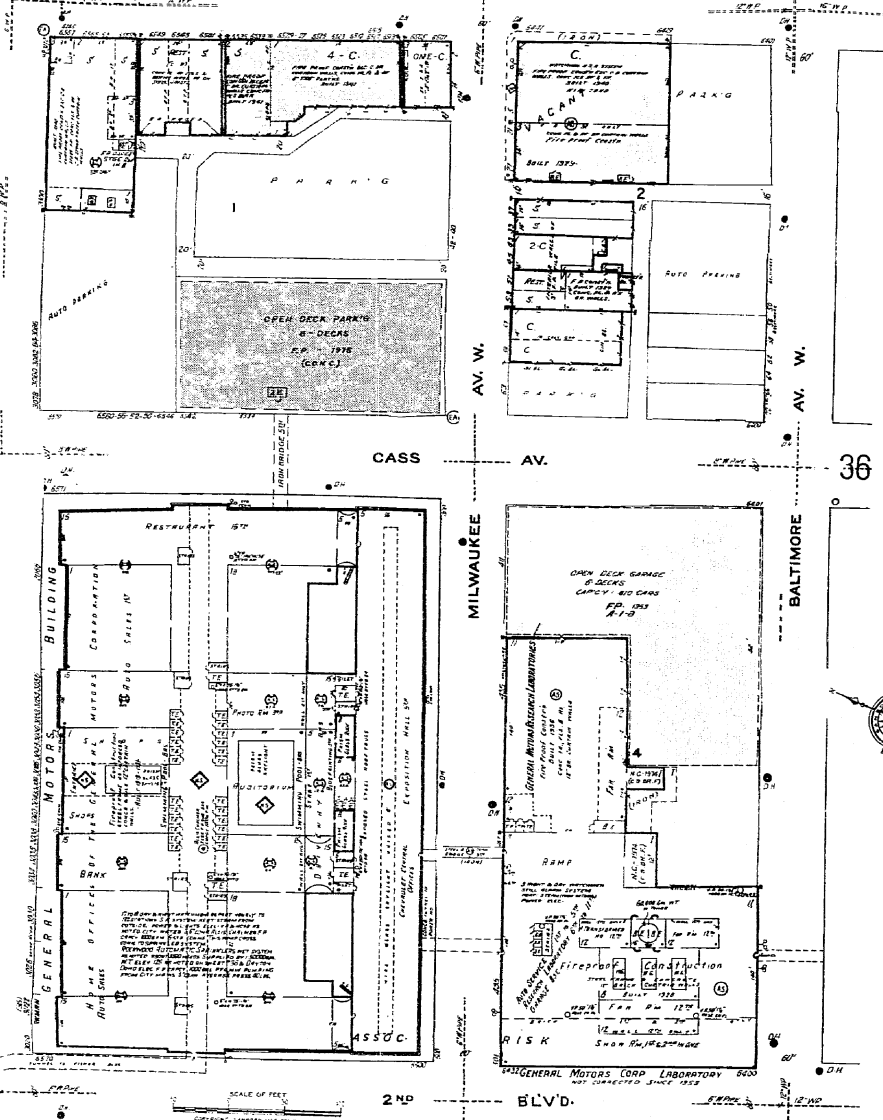
MILWAUKEE

36

BALTIMORE

33

2ND BLVD.



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APPENDIX F

Previous Reports

After reasonable inquiry from the Site contacts and publicly available sources, EEC obtained no information that indicated previous reports directly applicable to the Site were available.

APPENDIX G

Personnel Resumes

Brad A. Saunders

Senior Engineer I/Manager

Project Experience

Environmental Management Experience

Serve as the client manager for two large industrial firms providing for a variety of environmental services. Act as the primary point of contact with client corporate and plant personnel. Maintain overall responsibility for project management, budgeting, scheduling, internal staffing, subcontracting, and review of deliverables. Provide strong technical support and beneficial negotiating support on behalf of clients, corresponding regularly with government agency representatives.

Mr. Saunders has more than nine years of combined industrial and consulting experience in environmental engineering and management. He specializes in providing a broad range of facility environmental management, assessment, and compliance services for major industrial firms, with specific expertise in the automotive, metals, cement, and building products industries.

Managed the design, implementation, and successful registration of ISO 14001-conforming environmental management systems (EMSs) at two large automotive parts manufacturing facilities in Indiana and Michigan with respective employee counts of 550 and 250. During the design and implementation stages, trained facility Environmental Management Representatives on the requirements of the ISO 14001 standard and the effective operations and maintenance of an EMS.

Managed the design and implementation of an environmental information management system for a cement manufacturing facility in Michigan. This project involved environmental electronic and hardcopy file organization, environmental compliance calendar development, license acquisition and information population of an Internet-based interactive management system, and training of facility personnel for general use and task management.

Served as environmental coordinator for an international automotive supplier for three years. Responsibilities included environmental compliance and cost control, regulatory negotiations, and related plant activities at three facilities: two aluminum parts manufacturing facilities in Indiana and one plastic injection molding plant in Michigan. Additional responsibilities included oversight, assistance, and mentoring of environmental personnel at each location, and development of environmental training programs for approximately 1,000 employees. The facilities received no environmental Notice of Violations during this period.

Designed and implemented EMSs at two Indiana facilities through participation in an ISO 14001 pilot project program with the State of Indiana. Coordinated design activities with The Environmental Law Institute, University of North Carolina, and Indiana Department of Environmental Management's Office of Pollution Prevention and Technical Assistance.

Served as environmental coordinator responsible for environmental activities and compliance with applicable environmental laws and regulations at an Indiana aluminum foundry for two years. Developed facility environmental management program and established staffing positions to consolidate in-plant environmental duties. Initiated waste

segregation, pollution prevention, recycling, and cost minimization activities throughout the facility. The foundry received no environmental Notice of Violations during this period.

Environmental Auditing, Due Diligence, and Investigations

Manage a large volume, nationwide environmental site assessment and investigation program for a major industrial client to assist it in evaluating liability associated with potential financing and property transactions. Utilize available resources within imminent time constraints to coordinate record searches, site visits, report production, and subsurface investigations.

Conduct Phase I environmental site assessments for several clients in accordance with ASTM Standard Practice E1527. Use industry experience and broad knowledge of processes in combination with document search findings to develop sound recommendations regarding further investigative actions.

Manage, coordinate, and participate in the evaluation of Phase II Environmental Site Investigations at multiple sites to determine hazardous chemical concentrations and site classification status with respect to respective federal and/or state cleanup criteria.

Coordinate and conduct productive internal EMS audits on behalf of automotive industry clients in Indiana and Michigan. Conduct audits in accordance with ISO 14001, Guidelines for Environmental Auditing for Auditing of Environmental Management Systems. Served as lead auditor responsible for developing an audit plan and audit schedule, directing the audit team, delivering unbiased results, and making corrective action recommendations.

Represented two automotive industry clients in an EMS support role during the conduction of ISO 14001 Stage I and Stage II Registration audits and periodic Surveillance Audits by a third-party registrar. Successfully assisted both clients in obtaining ISO 14001 registrations, one of which was obtained during a witness audit by the Registrar Accreditation Board (RAB).

Served as support auditor during several ISO 14001 registration audits for an independent third-party registrar. Assisted lead auditor in performing complete environmental management system assessments to determine if auditees had designed, implemented, and maintained environmental management systems that conformed to the ISO 14001 standard.

Conducted a broad environmental due diligence assessment for the prospective buyer of electrical transmission assets from a large regulated electric utility in Michigan. Areas of emphasis included environmental management systems, PCB management, spill prevention and planning, waste management, and remediation programs. Activities included detailed environmental personnel interviews, transmission substation site visits, and report preparation.

As an environmental coordinator in the automotive industry, assisted and participated in the performance of multiple corporate environmental facility compliance and due diligence audits in Indiana and Michigan.

Conducted third-party audits and made important approval decisions for the shipment of large volumes of hazardous wastes and used oils to prospective treatment, storage, and disposal (TSD) facilities in Indiana and Michigan.

Regulatory Compliance Experience

Over nine years of solid working experience with assisting companies in complying with environmental regulations promulgated by EPA, state, and local agencies in accordance with the CAA, CWA, RCRA, SDWA, EPCRA, CERCLA, and TSCA. Also maintain familiarity with related OSHA and DOT regulations.

Prepare and maintain compliance calendars for several automotive industry clients that encompass the entire scope of applicable environmental requirements at their facilities. Calendars are created for frequent visual reference, and detail regulatory drivers, regulatory requirements, responsible individuals, development lead times, and deadlines.

Extensive experience in CAA permitting and air regulatory compliance assistance. Work performed includes the preparation of new source construction and/or Title V air permit applications in Indiana, Michigan, Ohio, Illinois, Wisconsin, Missouri, Maryland, New Jersey, and Nebraska. Experience at coordinating the detailed technical review of air permits and negotiating permit conditions with agency representatives. Provide related assistance in completing air regulatory assessments, developing air emissions inventories, coordinating compliance and optional stack testing events, and completing air emissions reports. Adept at developing electronic spreadsheets and documents that serve to streamline air regulatory compliance activities.

Developed and implemented complex, but user-friendly and technically sound, electronic monitoring, record keeping, and reporting systems to assist two automotive parts manufacturing facilities in complying with Indiana Part 70 (Title V) air permit conditions.

Prepared NPDES surface water discharge permit applications, prepared anti-degradation demonstrations as required for Great Lakes system dischargers, and negotiated discharge requirements for manufacturing facilities in Indiana and Michigan. Designed discharge system and holding ponds, specified treatment techniques, and established monitoring, record keeping, and reporting protocol for one facility. Provided assistance in the operation and maintenance of discharge systems, and preparation of periodic discharge monitoring reports.

Prepared NPDES storm water permit applications and Notice of Intent forms for facilities in Indiana, Michigan, Ohio, and North Carolina. Experience managing and conducting the development and revision of Storm Water Pollution Prevention Plans for facilities in the automotive, cement, and building products industries.

Prepared combined and individual contingency plans for several facilities, incorporating federal Oil Pollution Prevention requirements for Spill Pollution Control and Countermeasures Plans, RCRA requirements for large quantity generators, and/or related applicable state requirements in Indiana, Michigan, Ohio, and Pennsylvania.

Conducted a thorough file review and massive historical document search to identify areas of environmental concern for the preparation of a Document of Current Conditions (DOCC) report in completing the first stage of a Voluntary RCRA Corrective Action for a 600-acre site owned by a large automotive manufacturer in Michigan.

Prepared Category D Baseline Environmental Assessment (BEA) in accordance with Part 201 of the Michigan Natural Resources and Environmental Protection Act for a prospective property buyer planning to locate a new manufacturing operation on suspect property in Michigan.

Coordinated pre-closure sampling, analytical testing, work plans, and Michigan Part 201 Due Care monitoring for a site contaminated with chlorinated solvents.

For each of the past nine years, completed EPCRA Tier II chemical inventory reports and SARA Form R chemical release reports for automotive industry clients. For a large building products industry client, simultaneously prepared SARA Form R chemical release reports for a group of thirty applicable facilities.

Prepared hazardous waste permit applications, coordinated metals treatment study, and completed hazardous waste biennial reports for a gray iron and aluminum foundry in Indiana.

Managed and coordinated industrial hygiene studies, evaluated results against OSHA and NIOSH exposure limits, and coordinated ventilation system assessments for an automotive industry client in Indiana and metals industry client in Michigan.

Identified applicable areas, developed entry forms, specified monitoring equipment, and implemented a confined space entry program in accordance with OHSA regulations contained in 29 CFR 1910 at a large aluminum parts manufacturing facility in Indiana.

Developed and implemented a Material Safety Data Sheet management program to assist a large aluminum parts manufacturing facility in maintaining current and obsolete documents in accordance with its Hazard Communications Program. Established a corresponding hazardous material tracking spreadsheet to assist the facility in expediently and accurately completing annual EPCRA reports.

Project Engineering Experience

Retained joint responsibility as a maintenance/project engineer for an aluminum foundry in Indiana for two years. Provided specifications and contracted/supervised various maintenance jobs for the facility during a series of multi-million dollar facility expansions and product launches. Related projects included casting machine and rotary turntable design and contract for build; reverse osmosis system specification/purchase and operation; natural gas piping distribution system design and installation; bulk nitrogen storage and distribution system specification and installation; exhaust stack and ventilation design and installation; and chemical storage area design and installation.

Education

- M.B.A. with Distinction, 1999, University of Michigan Business School
- B.S./Mechanical Engineering, 1992, Purdue University

Registrations

- Environmental Management System Auditor – Registrar Accreditation Board, 2002

-
- Associate Environmental Auditor * – Institute of Environmental Management & Assessment, 2000
 - Engineer in Training, Indiana, 1993

* Valid for the performance of EMS audits, regulatory compliance audits, due diligence audits, and environmental site assessments

Professional Affiliations

- Institute of Environmental Management & Assessment (IEMA)
- Registrar Accreditation Board (RAB)
- Engineering Society of Detroit (ESD)

Training

- Auditing of Environmental Management Systems Course
- Advanced EMS Auditors Course for Environmental Professionals
- Habits of Highly Effective People - Covey Leadership Center
- 40-Hour OSHA HAZWOPER and current 8-Hour Refresher Training
- RCRA/DOT 8-Hour Training
- OSHA Confined Space Entry and Rescue Procedures Training