

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
75.69 ACRES VACANT LAND (PARCEL C)
NORTHWEST CORNER OF ECORSE ROAD AND DENTON ROAD
VAN BUREN TOWNSHIP, MICHIGAN 48111**

PREPARED FOR:

GENERAL MOTORS WORLDWIDE REAL ESTATE

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

DATE: FEBRUARY 13, 2007

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(Signature)

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Project Manager

(Title)

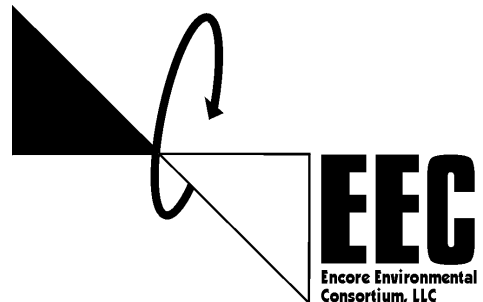


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EXECUTIVE SUMMARY

Encore Environmental Consortium, LLC (EEC) has conducted a Phase I Environmental Site Assessment (ESA) of Parcel C (75.69 acres of land) located northwest of the Ecorse Road / Denton Road intersection in Van Buren Township, Michigan (herein referred to as “the Site”). The Site is currently owned by General Motors Corporation (GM). 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 adjoining 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 evidence of the following RECs in connection with the Site:

- GM Warehousing and Distribution (a.k.a. GM SPO Warehouse) located at 50000 Ecorse Road, is located immediately west of the Site. The Environmental Data Resources, Inc. (EDR) report indicated a release from a leaking underground storage tank (LUST) (Release number C-1692-91) was reported at the facility on August 19, 1991. The contents and quantities of the release were not identified in the EDR report. The LUST case was identified as being open in the EDR report. EEC submitted a Freedom of Information Act (FOIA) request to the Michigan Department of Environmental Quality (MDEQ) and requested information regarding the open LUST case at the adjacent GM SPO Warehouse. Review of documentation provided by the MDEQ indicated that a release of an unknown quantity of gasoline was reported on August 19, 1991. Several subsurface investigations were performed to characterize and delineate soil and groundwater contamination in the vicinity of the UST release, which occurred north of the SPO Warehouse building and south of a retention pond associated with the SPO Warehouse property. Concentrations of contaminants existed at concentrations exceeding applicable Michigan cleanup criteria, and were generally delineated within the SPO Warehouse property. However, contaminants were detected in one of the two eastern boundary monitoring wells, and the groundwater flow direction was determined to be east toward the Site. Therefore, the open LUST case (Release number C-1692-91) at the adjacent GM SPO Warehouse represents a REC relative to the Site.
- During the Site reconnaissance, EEC observed one abandoned 500-gallon aboveground storage tank (AST) and two abandoned 300-gallon ASTs. The ASTs were observed lying on the ground on the eastern portion of the Site, near the locations of former onsite residences. The ASTs were observed to be rusted and in poor structural condition. EEC did not observe product in the ASTs. The 500-gallon AST was labeled “Automatic Detroit”. EEC did not observe labels on the 300-gallon ASTs. It is unknown if the ASTs were used at the location of observation in association with the former residences (constructed between 1940 and 1960), or otherwise if the ASTs were discarded on the ground. Evidence of spills/releases was not observed in the vicinities of the ASTs during the Site reconnaissance. However, the presence of three abandoned ASTs at the Site represents a REC.
- During the Site reconnaissance, EEC observed three 30-gallon drums and one 55-gallon drum in the western portion of the Site. The drums were observed to be rusted and in poor structural

condition. EEC did not observe labels on the drums. Several of the drums appeared to be empty or filled with snow/ice. Evidence of spills/releases was not observed in the vicinities of the drums during the Site reconnaissance. However, the presence of four abandoned drums at the Site represents a REC.

- During the Site reconnaissance, EEC observed five polyvinyl chloride (PVC) stormwater discharge drainage pipes along the western boundary of the Site. The stormwater discharge drainage pipes appeared to discharge directly onto the ground on the western boundary of the Site. EEC also observed several storm drains at the adjacent GM SPO Warehouse parking lot. The storm drains at the adjacent GM SPO Warehouse are likely connected to the onsite PVC stormwater discharge drainage pipes. When occupied over time, parking lot areas represent a common source of automotive fluids. Since the western boundary of the Site receives drainage (a.k.a. runoff) from the parking lot areas, the potential for impact exists. Therefore, the discharge location of the PVC drainage pipes along the western boundary of the Site represents a REC.

B. HISTORICAL RECs

This assessment has not revealed evidence of historical RECs in connection with the Site.

C. OTHER ENVIRONMENTAL ISSUES

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

- According to a representative of the Van Buren Township Water and Sewer Department, sanitary sewer services are not provided to the Site and surrounding properties along Denton Road. Based on the former presence of several onsite residential homes/structures (constructed as early as 1940 and demolished by 2003), it is likely that septic tanks with associated leach fields were present at the Site. The extent to which such drainage structures were removed or abandoned upon demolition of the Site is unknown. Therefore, abandoned drainage structures and/or residual waste in the vicinity of these former residences may present an other environmental issue.
- Review of historical photographs indicated that the Site was undeveloped and cultivated for agricultural purposes as early as 1940. Based on the historic use of the Site as cultivated farmland, agricultural chemicals such as pesticides, herbicides, and fertilizers would have historically been used on the Site. Information regarding historic use, storage, or applications rates was not available. If the chemicals were applied in accordance with manufacturer recommendations, residuals remaining in Site soils would be expected to be similar to other area properties. No information was available to determine whether residual concentrations exceed government use or exposure criteria. Application of agricultural chemicals for intended use is not considered a release and potential residuals remaining would not be considered a REC. However, the potential presence of agricultural chemicals may have resulted in impact to Site soil and groundwater and is therefore considered an other environmental issue.
- Van Buren Township regulates woodland areas within its jurisdiction, and published woodland maps depicting the location of these areas. Maps on file at the township depict the existence of approximately 6 to 8 acres of township regulated woodlands on the Site, which represents an other environmental issue.
- 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 NWI electronic data coverage was not available for the Site. The EDR report indicated that state wetland electronic data coverage was available for the Site, and that the Site is not located in a state wetland area. EEC observed sections of the Old Ayer Drain and Old Smith Drain across the northern and southern portions of the Site, respectively. The Old Ayer Drain and Old Smith Drain are not depicted as regulated wetland areas in the EDR report. Inundated areas were also observed on the eastern portion of the Site. In addition, EEC observed wetland-type vegetation (i.e., cattails and grasses) in these portions of the Site. The EDR report indicated that the Site did not contain State of Michigan listed wetlands. However, EEC observed wetland delineation flags in the vicinities of the Old Ayers Drain, Old Smith Drain and the inundated areas on the eastern portion of the Site. Based on EEC's observations during the Site reconnaissance and the presence of wetland delineation flags, the Site may contain regulated wetland areas, which represents an other environmental issue.

- EEC observed solid waste in piles aboveground sporadically throughout the Site. In addition to the ASTs and drums identified as RECs, EEC also observed used tires, general garbage, building construction materials (e.g., concrete, wood, metal, shingles), household appliances (e.g., washer, dryer), furniture (e.g., bedspring), plastic and metal piping, hazardous material containers, scrap metal, and numerous unidentifiable items. The presence of large quantities of solid waste disposed of aboveground at the Site represents an other environmental issue.
- According to Site personnel and a representative of the Van Buren Township Water and Sewer Department, township water was not supplied to the area of the Site until approximately 1962. Based on the former existence of the onsite residences/structures (constructed as early as 1940 and demolished by 2003), it is likely that water wells were associated with the residences/structures. The extent to which water wells were properly abandoned or still exist is unknown, which represents a potential other environmental issue.
- A natural gas pipeline easement for underground distribution exists along the eastern portion of the Site, parallel to Denton Road. The presence of the buried natural gas pipeline represents an other environmental issue.

1.0 INTRODUCTION

A Phase I Environmental Site Assessment (ESA) has been performed of Parcel C (75.69 acres of vacant land) located at the northwest corner of Ecorse Road and Denton Road in Van Buren Township, Michigan (herein referred to as “the Site”; see Figures 1, 2A, 2B, and 2C, 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 adjoining 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 RECs 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. onsite.
 - 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 onsite, 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 plus an additional 0.25 mile indicated below. The databases reviewed included, but were not limited to:

<u>Database</u>	<u>Search Radius</u>
• NPL sites:.....	1.25 mile
• CERCLIS sites:.....	0.75 mile
• CERCLIS NFRAP sites	0.5 mile
• Federal ERNS:	0.25 mile
• RCRA non-CORRACTS TSD facilities:	1.25 mile
• RCRA CORRACTS TSD facilities:	0.75 mile
• RCRA Generators:.....	0.5 mile
• Registered Underground Storage Tanks:	0.75 mile
• State Landfills:	0.75 mile
• State Leaking Underground Storage Tanks:.....	.75 mile

A summary of information is provided for each of the above-listed databases in Section 2.3 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, adjoining properties. Inquiries were made with regulatory agencies with regard to basic regulatory compliance issues for the subject property, 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 RECs or other or other environmental issues. Recommendations have also been provided, if appropriate, relative to the following: 1) environmental non-compliance issues; 2) additional assessment; 3) environmental practices; and 4) site development/housekeeping issues.

1.2 EXCEPTIONS AND DEVIATIONS

1.2.1 Exceptions

The following exception to ASTM E1527-00 was taken during this Phase I ESA:

- Vegetation and other ground features at the Site could not be fully observed during the Site reconnaissance associated with this assessment due to snow cover. However, EEC also made observations of the Site during Phase I ESA Site reconnaissance performed in August 2002.

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 Map, Site Map, and Surrounding Properties 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 directly applicable to the Site were available is included in Appendix F. Resumes of the EEC personnel who prepared this Phase I ESA are provided in Appendix G.

2.1 SITE RECONNAISSANCE

On February 1, 2007, EEC completed the Site reconnaissance. Two EEC representatives performed a one day Site visit and used a handheld Global Positioning System (GPS) device in order to monitor paths, mark landmarks, and mark areas of relevant to this assessment. Refer to Figure 2B for a map depicting EEC's path and landmarks identified during the February 1, 2007 Site visit. Because snow cover limited observations, EEC has also included Figure 2C for a map depicting EEC's path and landmarks identified during the August 22, 2002 Site visit.

2.1.1 Site Location and Description

The Site consists of approximately 75.69 acres of vacant land, located at the northwest corner of Ecorse Road and Denton Road in Van Buren Township Michigan. The Site is zoned for general industrial use, located in an area surrounded by mixed agricultural, industrial, residential, and airport properties. The Site is bounded to the south by Ecorse Road, to the west by General Motors Corporation's (GM's) Service Parts Organization (SPO) Warehouse, to the north by Penn Central railroad tracks, and to the east by Denton Road. The Site is accessed from the south via Ecorse Road and from the east via Denton Road.

The Site is undeveloped and densely wooded in most areas. The Old Ayers Drain traverses across the northern portion of the Site, and the Old Smith Drain traverses across the southern portion of the Site. During the Site reconnaissance, both drains appeared to be flowing east. No permanent structures existed on the Site at the time of the Site reconnaissance. Review of historical aerial photographs indicated that the Site was cultivated for agricultural use as early as 1940 to at least 1964. Review of historical aerial photographs and parcel identification cards from the Van Buren Township Assessors Office indicated that residential structures existed along the eastern and southern boundaries of the Site from 1935 to 2003. A structure associated with the GM SPO Warehouse was constructed on the northwestern portion of the Site in approximately 1970 and was demolished between 1972 and 1985. A residential structure and a commercial building which was used as a United Auto Workers (UAW) Hall were constructed along southern boundary of the Site in 1935 and 1962, respectively. These structures were demolished sometime between 1985 and 1994. Four residential structures were constructed along the eastern boundary of the Site in the 1960s and were demolished sometime between 1985 and 1994. Two additional residential structures were constructed along the eastern boundary of the Site in the 1960s and were demolished in approximately 2003.

Refer to Figures 1 through 3 in Appendix A for additional Site features and information. Photographs of the Site are included in Appendix C.

2.1.2 Adjacent Properties

An automobile tour of adjoining properties and a walkabout of the perimeter of the Site were conducted to identify any RECs that may adversely affect the Site. The tour was conducted from public rights-of-way and did not involve entry onto any of the adjoining properties. The adjoining properties are shown on the attached Figure 3 in Appendix A.

Penn Central Railroad exists immediately north of the Site, beyond which exists vacant and undeveloped land, four aboveground storage tanks (ASTs) (contents and capacities unknown), and a residential subdivision. Denton Road exists immediately east of the Site, beyond which exists vacant land, an electric substation, and two large parking lots. Old Ecorse Road exists immediately south of the Site, beyond which exist Ecorse Road (east bound), Ecorse Road (west bound), Airport Service Road, a hangar building (formerly Johnson Controls), and the Willow Run Airport. The GM SPO Warehouse exists immediately west of the Site, beyond which exist a vacant and undeveloped area (historical landfill) and Michigan Avenue. Harold Smith Bean Field exists northwest of the Site, beyond the Penn Central Railroad.

GM Warehousing and Distribution (a.k.a. GM SPO Warehouse) located at 50000 Ecorse Road, is located immediately west of the Site. The Environmental Data Resources, Inc. (EDR) report indicated a release from a leaking underground storage tank (LUST) (Release number C-1692-91) was reported at the facility on August 19, 1991. The contents and quantities of the release were not identified in the EDR report. The LUST case was identified as being open in the EDR report. EEC submitted a Freedom of Information Act (FOIA) request to the Michigan Department of Environmental Quality (MDEQ) and requested information regarding the open LUST case at the adjacent GM SPO Warehouse. Review of documentation provided by the MDEQ indicated that a release of an unknown quantity of gasoline was reported on August 19, 1991. Several subsurface investigations were performed to characterize and delineate soil and groundwater contamination in the vicinity of the UST release, which occurred north of the SPO Warehouse building and south of a retention pond associated with the SPO Warehouse property. Concentrations of contaminants existed at concentrations exceeding applicable Michigan cleanup criteria, and were generally delineated within the SPO Warehouse property. However, contaminants were detected in one of the two eastern boundary monitoring wells, and the groundwater flow direction was determined to be east toward the Site. Therefore, the open LUST case (Release number C-1692-91) at the adjacent GM SPO Warehouse represents a REC relative to the Site. No other environmental issues were noted in association with the remaining adjacent properties.

2.1.3 Underground Storage Tanks

According to Site personnel and the EDR report, there are no underground storage tanks (USTs) currently present at the Site, and no USTs were known to have historically existed at the Site. No evidence of USTs was observed by EEC during the Site reconnaissance. No RECs or other environmental issues were noted in association with USTs.

2.1.4 Aboveground Storage Tanks

No records of Site ASTs were listed in the EDR database report. However, during the Site reconnaissance, EEC observed one abandoned 500-gallon ASTs and two abandoned 300-gallon ASTs. The ASTs were observed lying on the ground on the eastern portion of the Site, near the locations of former onsite residences. The ASTs were observed to be rusted and in poor structural condition. EEC did not observe product in the ASTs. The 500-gallon AST was labeled "Automatic Detroit". EEC did not observe labels on the 300-gallon ASTs. It is unknown if the ASTs were used at the location of observation in association with the former residences (constructed between 1940 and 1960), or otherwise

if the ASTs were discarded on the ground. Evidence of spills/releases was not observed in the vicinities of the ASTs during the Site reconnaissance. However, the presence of three abandoned ASTs at the Site represents a REC. No other environmental issues were noted in association with ASTs.

2.1.5 Hydraulic Equipment

According to Site personnel, there is no hydraulic equipment currently present at the Site, and no hydraulic equipment was known to have historically existed at the Site. No evidence of hydraulic equipment was observed by EEC during the Site reconnaissance. No RECs or other environmental issues were noted in association with hydraulic equipment.

2.1.6 Site Drainage and Discharge

Stormwater at the Site infiltrates into the ground, which slopes gradually to the east-southeast. Sanitary sewer services are not provided to the Site. Sanitary sewer services are provided to surrounding properties by Van Buren Township. No evidence of oil/water separators was observed by EEC during the Site reconnaissance.

The Old Ayers Drain traverses across the northern portion of the Site, and the Old Smith Drain traverses across the southern portion of the Site. During the Site reconnaissance, both drains appeared to be flowing east.

During the Site reconnaissance, EEC observed five polyvinyl chloride (PVC) stormwater discharge drainage pipes along the western boundary of the Site. The stormwater discharge drainage pipes appeared to discharge directly onto the ground on the western boundary of the Site. EEC also observed several storm drains at the adjacent GM SPO Warehouse parking lot. The storm drains at the adjacent GM SPO Warehouse are likely connected to the onsite PVC stormwater discharge drainage pipes. When occupied over time, parking lot areas represent a common source of automotive fluids. Since the western boundary of the Site receives drainage (a.k.a. runoff) from the parking lot areas, the potential for impact exists. Therefore, the discharge location of the PVC drainage pipes along the western boundary of the Site represents a REC.

According to a representative of the Van Buren Township Water and Sewer Department, sanitary sewer services are not provided to the Site and surrounding properties along Denton Road. Based on the former presence of several onsite residential homes/structures (constructed as early as 1940 and demolished by 2003), it is likely that septic tanks with an associated leach fields were present at the Site. The extent to which such drainage structures were removed or abandoned upon demolition of the Site is unknown. Therefore, abandoned drainage structures and/or residual waste in the vicinity of these former residences may present an other environmental issue.

2.1.7 Other Hazardous Substances and Petroleum Products

EEC observed evidence of petroleum product containers discarded aboveground in the eastern and western portions of the Site. In addition to the abandoned ASTs described in Section 2.1.4, EEC observed three 30-gallon drums and one 55-gallon drum in the western portion of the Site. The drums were observed to be rusted and in poor structural condition. EEC did not observe labels on the drums. Several of the drums appeared to be empty or filled with snow/ice. Evidence of spills/releases was not observed in the vicinities of the drums during the Site reconnaissance. However, the presence of four abandoned drums at the Site represents a REC.

Review of historical photographs indicated that the Site was undeveloped and cultivated for agricultural purposes as early as 1940. Based on the historic use of the Site as cultivated farmland, agricultural chemicals such as pesticides, herbicides, and fertilizers would have historically been used on the Site. Information regarding historic use, storage, or applications rates was not available. If the chemicals were applied in accordance with manufacturer recommendations, residuals remaining in Site soils would be expected to be similar to other area properties. No information was available to determine whether residual concentrations exceed government use or exposure criteria. Application of agricultural chemicals for intended use is not considered a release and potential residuals remaining would not be considered a REC. However, the potential presence of agricultural chemicals may have resulted in impact to Site soil and groundwater and is therefore considered an other environmental issue.

2.1.8 Suspect Asbestos-Containing Building Materials

No structures or discarded building materials containing suspect asbestos containing materials (ACM) were observed by EEC during the Site reconnaissance. Site personnel had no knowledge of ACM being formerly removed or present at the Site. Residences and a UAW Hall had been located on the Site in the past, but with the exception of a small pile of shingles, EEC observed no evidence of discarded building materials that may contain asbestos during the Site reconnaissance. Accordingly, no other environmental issues were identified in association with suspect 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. Site personnel had no knowledge of current or former lead-based paint abatement or disposal activities at the Site. Although residences and a UAW Hall had been located on the Site in the past, EEC observed no evidence of discarded items that may contain lead-based paint during the Site reconnaissance. Accordingly, no other environmental issues were noted in association with lead-based paint.

2.1.10 Polychlorinated Biphenyls

Site personnel did not have knowledge of PCB-containing materials formerly or currently present at the Site. During the Site reconnaissance, EEC observed three pole-mounted electrical transformers in the eastern portion of the Site. EEC did not observe PCB labels on the transformers. The transformers appeared to be in good condition at the time of Site reconnaissance with no visible evidence of leaks or staining. According to the Site personnel the transformers are owned by DTE Energy. Since the pole-mounted transformers are the property of DTE Energy, liabilities pertaining to spills, leaks, or fires should rest with them. No RECs or other environmental issues were noted in association with potential PCB-containing materials.

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 Geochek[®] Addendum to the EDR Radius Map Report, which is attached as Appendix D.

Wayne County is located within Radon Zone 3, where average predicted indoor radon levels are less than 2 picoCuries per liter (pCi/L). This information was derived from the United States Environmental Protection Agency (EPA) Radon Map, which is based on indoor radon screening samples compiled by the

EPA, geologic and soil analysis, and the foundation types typically found within each zone. The Michigan Radon Database for the 48111 zip code reported an average radon activity of less than 4 pCi/L in 19 sites tested. The Federal Area Radon Information for zip code 48111 reported average radon activities of 0.7 pCi/L in first floor living areas. Basement and second floor living areas were not reported. No structures are present at the Site. The EPA safety standard for radon gas in residences is 4 pCi/L and the United States Council on Radiation Protection and Measurement (NCRP) standard is 8 pCi/L. In consideration of typical Wayne County radon levels and area property radon data, radon is not considered an environmental issue at the Site.

2.1.12 Woodland and Wetlands Identification

Van Buren Township regulates woodland areas within its jurisdiction, and published woodland maps depicting the location of these areas. Maps on file at the township depict the existence of approximately 6 to 8 acres of township regulated woodlands on the Site, which represents an other environmental issue.

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 NWI electronic data coverage was not available for the Site. The EDR report indicated that state wetland electronic data coverage was available for the Site, and that the Site is not located in a state wetland area. The nearest state wetland area is depicted 0.25 mile northwest of the Site. Federal Emergency Management Agency (FEMA) flood plain panel data was available for the Site, which indicated that the Site is not located in a 100-year or 500-year flood zone. Federal 100-year flood zone areas are depicted within 2 miles northeast of the Site. The nearest federal 500-year flood zone area is depicted greater than 2 miles northeast of the Site. The nearest mapped surface water is depicted between 0.50 and 1 mile north of the Site.

EEC observed sections of the Old Ayer Drain and Old Smith Drain across the northern and southern portions of the Site, respectively. The Old Ayer Drain and Old Smith Drain are not depicted as regulated wetland areas in the EDR report. Inundated areas were also observed on the eastern portion of the Site. In addition, EEC observed wetland-type vegetation (i.e., cattails and grasses) in these portions of the Site. The EDR report indicated that the Site did not contain State of Michigan listed wetlands. However, EEC observed wetland delineation flags in the vicinities of the Old Ayers Drain, Old Smith Drain and the inundated areas on the eastern portion of the Site. Based on EEC's observations during the Site reconnaissance and the presence of wetland delineation flags, the Site may contain regulated wetland areas, which represents an other environmental issue.

2.1.13 Solid and Special Waste

Interviews with Site personnel and review of historical references did not indicate disposal of solid waste below the ground surface at the Site. EEC observed solid waste in piles aboveground sporadically throughout the Site. In addition to the ASTs and drums identified as RECs (refer to Sections 2.1.4 and 2.1.7, respectively), EEC also observed used tires, general garbage, building construction materials (e.g., concrete, wood, metal, shingles), household appliances (e.g., washer, dryer), furniture (e.g., bedspring), plastic and metal piping, hazardous material containers, scrap metal, and numerous unidentifiable items. The presence of large quantities of solid waste disposed of aboveground at the Site represents an other environmental issue.

2.1.14 Hazardous Waste

According to Site personnel, hazardous waste is not generated on the Site, as there are currently no activities on the Site. The EDR database report does not have occupants or hazardous waste listings for the Site. A review of historical documents indicated no evidence of onsite disposal activities. However, during the Site reconnaissance, EEC observed three abandoned 30-gallon drums and one abandoned 55-gallon drum in the western portion of the Site. Details regarding a REC associated with the abandoned drums are described in Section 2.1.7. No other environmental issues were noted in association with hazardous waste generation, handling, or disposal.

2.1.15 Air Emissions

According to Site personnel, there are currently no operations or equipment at the Site that require air emissions permitting or testing. During the Site reconnaissance, EEC did not observe or detect such air emission sources. 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 environment. No Site releases were identified in the EDR database report. 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 potential responsible party for any hazardous waste treatment, storage, or disposal onsite. There is no documentation that the Site has defended any environmental-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

Assessors Office

EEC visited the Van Buren Township Assessors Office in order to review available parcel identification cards on record for the former onsite structures. The following information was provided on the parcel identification cards:

- A one story structure located at 6728 Denton Road (northeastern portion of the Site) was constructed on an unknown date. Information on the parcel identification card indicated heating oil was used to heat the structure.
- A 1.5 story structure located at 49450 Ecorse Road (southeastern portion of the Site) was constructed in approximately 1935.

- A commercial structure (address unknown) was occupied by the UAW and was constructed on the southwestern portion of the Site in approximately 1962.
- A one story structure located at 7022 Denton Road was constructed on the eastern portion of the Site in 1961.
- A one story structure (7050 Denton Road) was constructed on the eastern portion of the Site. The construction date listed on the parcel identification card was illegible.
- A two story structure (7090 Denton Road) was constructed on the eastern portion of the Site in 1963.
- A one story structure (6541 and 7110 Denton Road) was constructed on the eastern portion of the Site in 1962.
- A one story structure (7160 Denton Road) was constructed on the eastern portion of the Site in 1967.

Copies of the parcel identification cards are included in Appendix E. No RECs or other environmental issues were noted in association with the information provided by the Assessors Office.

City Directories

EEC contracted EDR to perform a City Directory search of adjacent street addresses. City Directory listings were available from EDR for the years 1973 through 2002. However, City Directory listings were not available for the Site.

A residence was listed at 7022 Denton Road in 1982, 1987, 1992, and 1997. A residence was listed at 49450 Ecorse Road in 1987 and 1992. General Motors Corporation was listed at 50000 Ecorse Road in 1982 and 1987.

The City Directory report with adjacent street address listings is included in Appendix E. No RECs or other environmental issues were noted in association with the city directory search.

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.

No Sanborn® Fire Insurance Maps were reported to be available for the Site in the EDR Historic Map Collection. Documentation of No Sanborn® Map Coverage is included in Appendix E.

Aerial Photographs

Aerial photographs assist in the identification of Site features and outdoor activities of potential environmental concern. Aerial photographs obtained from EDR for the years 1940, 1957, 1964, 1972, 1985, 1994, and a recent unknown date from Google Earth on the Internet, were reviewed by EEC and are included in Appendix E. The following is a summary of EEC's interpretation of features observed on the aerial photographs:

- 1940: The 1940 aerial photograph depicts the Site as developed and as being cultivated for agricultural use. Residential properties and associated driveways are depicted on the northeast corner of the Site. The remaining portions of the Site appear to be cultivated for agricultural use. Denton Road is depicted east of the Site, beyond which exist residential homes and vacant land. A railroad is depicted north of the Site, beyond which existed residential properties and Michigan Avenue. Ecorse Road is depicted south of the Site, beyond which existed residential homes and vacant land.
- 1957: The 1957 aerial photograph depicts no significant discernible changes on the Site from the 1940 aerial photograph. An expanded Ecorse Road is depicted south of the Site, beyond which existed Willow Run Airport.
- 1964: The 1964 aerial photograph depicts the Site as developed, agricultural, and vacant land. A dirt road is depicted north off of Ecorse Road. The dirt road extended towards the center of the Site, where an oval-shaped dirt track existed. Additional residential homes are depicted on the eastern portion of the Site, along Denton Road. The UAW Hall and associated driveway/parking lot is depicted in the southwest portion of the Site, along Ecorse Road.
- 1972: The 1972 aerial photograph depicts the Site as developed and vacant land. The Site no longer appears to be cultivated for agricultural purposes. The oval-shaped dirt track near the center of the Site is no longer depicted. Additional residential homes are depicted in the eastern and southeastern portions of the Site, along Denton Road. The GM SPO Warehouse is depicted immediately west of the Site.
- 1985: The 1985 aerial photograph depicts the Site as vacant, developed, wooded land. Several homes were removed from the Site. No significant discernable changes were depicted on the surrounding properties from the 1972 aerial photograph.
- 1994: The 1994 aerial photograph depicts the Site as vacant, developed, wooded land. Additional residential structures and the UAW Hall were removed from the Site. No significant discernable changes were depicted on the surrounding properties from the 1985 aerial photograph.
- Recent: The recent aerial photograph depicts the Site as vacant, developed, wooded land. Two residential homes are depicted on the eastern portion of the Site, along Denton Road, indicating that this aerial image is at least four years old. No significant discernable changes were depicted on the surrounding properties from the 1994 aerial photograph.

No RECs were noted in association with historic aerial photograph review of the Site. However, details regarding an other environmental issue associated with the Site's former agricultural use are described in Section 2.1.7.

2.2.2 Regional Geology

Information regarding the regional geology in the Site vicinity was obtained from the Geocheck® Addendum to the EDR Radius Map Report. The Site is located approximately 705 feet above mean sea level. The topographic gradient in the area surrounding the Site slopes gradually to the east-southeast.

EDR regional data indicates that the surface soil texture in the area of the Site is loamy sand. The soil component name is GRANBY. Soils meet the requirements for a hydric soil. EDR describes soil layers as: loamy sand from 0 to 10 inches below ground level (bgl), sand from 10 to 32 inches bgl, and coarse

sand from 32 to 60 inches bgl. Underlying the surface, shallow, and deeper soils are the bedrock deposits classified as Paleozoic Era, Devonian System, and Upper Devonian Series.

2.2.3 Regional Hydrogeology

Information regarding the regional hydrogeology of the Site vicinity was obtained from the Geoscheck® Addendum to the EDR Radius Map Report and a previous investigation. No AQUIFLOW® points were located within one mile of the Site. Based on local topography and the presence of potential wetland areas at the Site, the depth to groundwater in the vicinity of the Site is approximately less than 10 feet bgl. Based on the area topography and proximity of the Old Ayer Drain and the Old Smith Drain, the inferred localized groundwater flow direction is likely to the east. In addition, during a subsurface investigation at the adjacent GM SPO Warehouse, the groundwater flow direction was determined to be east. However, localized groundwater flow direction may vary based on several factors. A hydrogeologic investigation would be required to make a more definitive determination of the localized groundwater flow direction.

2.2.4 Previous Investigations

After reasonable inquiry with the Site contact and publicly available sources, EEC obtained no information that indicated previous reports directly applicable to the Site were available. However, the following documentation was reviewed regarding the open LUST case at the adjacent GM Warehousing and Distribution facility:

- Corrective Action Plan (CAP), General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; March 11, 1994.
 - In response to the LUST case (Release number C-1692-91 reported August 19, 1991) at the GM SPO facility located immediately west of the Site, GM prepared a CAP which described investigation activities performed at the facility. The following information was included in the CAP:
 - Gasoline contamination was discovered in the soil during the removal of a gasoline UST at the facility. Soil, groundwater, and soil vapor samples were collected in the vicinity of the UST. Benzene, toluene, ethylbenzene, and xylenes (BTEX) was detected at several locations within 40 feet of the UST.
 - BTEX was detected at a concentration of 23 parts per billion (ppb) in groundwater in MW-5, which was located along the eastern boundary of the facility (near the western boundary of Parcel C).
 - The groundwater flow direction at the facility was determined to be east towards Parcel C.
- RE: CAP Addendum, General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 8, 1994.
 - General Motors prepared the document in order to summarize the work completed and anticipated at the GM SPO Warehouse property.
 - On June 9 and June 10, 1994, GM conducted Geoprobe sampling at the GM SPO Warehouse property. Samples of soil, groundwater, and soil vapor from 16 locations were collected in order to map the extent of the contamination. Subsequent to the sampling activities, GM installed 16 groundwater monitoring wells. 15 of the wells were multi-bundle piezometers

screened at three depths in the saturated zone. The final well was a four-inch diameter well for the use of pumping tests. The geological profile was determined from the 16 soil cores. The subsurface consisted of primarily of medium and fine sand with a clay layer encountered at 10 feet to 14 feet bgl. Groundwater was encountered at 6 feet to 7 feet bgl and was perched on the underlying clay layer.

- The contamination was mapped by analyzing the continuous cores from each of the 16 locations at 1 foot intervals for BTEX. The highest concentrations were found in soil from the two rows of wells to the east of the UST. One soil sample had a much higher BTEX level of 2,900 parts per million (ppm). The average BTEX concentrations from the 222 soil sections (excluding the one high point) were 0.63 ppm, 0.87 ppm, 1 ppm, and 2.7 ppm, respectively.
- BTEX was also measured in the groundwater samples from all monitoring wells. The average BTEX concentrations in the groundwater sampled from three depths in 16 wells were 0.71 ppm, 0.25 ppm, 0.15 ppm, and 0.68, respectively. A groundwater sample from well 3.7B was submitted for complete laboratory analysis. The results did not indicate any contaminant source other than gasoline.
- In response to the BTEX contamination discovered at the facility, GM proposed an injection/recovery system and monitoring plan for remediation purposes.
- RE: CAP Addendum, Michigan Department of Natural Resources (MDNR), General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 27, 1994.
 - The CAP and addendum were audited by the UST Division, as a condition of the exemption for groundwater discharges pursuant to the Michigan Water Resources Commission Act 245, Public Acts of 1929, as amended, for the discharge of remediated groundwater within the contaminant plume.
 - Based on the information provided to the MDNR, capture of the treated injected groundwater appeared to be complete. Therefore, the MDNR UST Division approved the CAP and recommended that the groundwater permit exemption be approved by the Groundwater Section, Waste Management Division.

Previous reports relevant to the adjacent property are referenced in Section 6.0 and Appendix F.

2.3 FEDERAL, STATE, AND LOCAL AGENCY FILE REVIEW

2.3.1 Environmental Database Search

EEC contracted 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) – 1.25 mile
- Proposed NPL – 1.25 mile

- Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) – 0.75 mile
- CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP) – 0.75 mile
- Corrective Action Reports (CORRACTS) – 1.25 mile
- Resource Conservation and Recovery Information System permitted treatment, storage, and disposal facilities (RCRA-TSD) – 0.75 mile
- RCRA small/large quantity generators of hazardous waste (RCRA-SQG/RCRA-LQG) – 0.5 mile
- Emergency Response Notification System (ERNS) – 0.25 mile
- Engineering Controls Site Listing (US ENG CONTROLS) – 0.75 mile
- Institutional Controls Site Listing (US INST CONTROL) – 0.75 mile
- Brownfields Sites (US BROWNFIELDS) – 0.75 mile
- Superfund (CERCLA) Consent Decrees (CONSENT) – 1.25 mile
- Records of Decision (ROD) – 1.25 mile
- Delisted NPL Sites – 1.25 mile
- Facility Index System (FINDS) – 0.25 mile
- Hazardous Materials Information Reporting System (HMIRS) – 0.25 mile
- Material Licensing Tracking System (MLTS) – 0.25 mile
- Mines Master Index File (MINES) – 0.5 mile
- NPL Liens – 0.25 mile
- PCB Activity Database System (PADS) – 0.25 mile
- Open Dump Inventory (ODI) – 0.75 mile
- Department of Defense Sites (DOD) – 1.25 mile
- Uranium Mill Tailings Sites (UMTRA) – 0.75 mile
- Formerly Used Defense Sites (FUDS) – 1.25 mile
- RCRA Administrative Action Tracking System (RAATS) – 0.25 mile
- Toxic Chemical Release Inventory System (TRIS) – 0.25 mile
- Toxic Substances Control Act (TSCA) – 0.25 mile
- FIFRA Section 7 Tracking Systems (STTS) – 0.25 mile
- FIFRA/TSCA Tracking System (FTTS) – 0.25 mile
- Land Use Control Information System (LUCIS) – 0.75 mile
- Radiation Information Database (RADINFO) – 0.25 mile
- Clandestine Drug Labs (CDL) – 0.25 mile

STATE/LOCAL DATABASES

- Michigan Department of Environmental Quality (MDEQ) State Hazardous Waste Sites 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 Inactive Solid Waste Facilities (HIST LF) – 0.75 mile
- MDEQ Registered Aboveground Storage Tanks (AST) – 0.5 mile
- Delisted List of State Hazardous Waste Sites Contaminated Sites (DEL SHWS) – 1.25 mile
- Pollution Emergency Alerting System (PEAS) – 0.25 mile
- Brownfields Sites (BROWNFIELDS) – 0.75 mile
- Drycleaners (DRYCLEANERS) – 0.5 mile
- Engineering and Institutional Controls (AUL) – 0.75 mile
- National Pollution Discharge Elimination System Sites (NPDES) – 0.25 mile
- Permit and Emissions Inventory (AIRS) – 0.25 mile

TRIBAL RECORDS

- Indian Reservations (INDIAN RESERV) – 1.25 mile
- Indian Leaking Underground Storage Tank (INDIAN LUST) - 0.75 mile
- Indian Underground Storage Tank (INDIAN UST) – 0.5 mile

EDR PROPRIETARY HISTORICAL DATABASES

- Manufactured Gas Plants – 1.25 mile

OTHER DATABASES

- FEMA Flood Zone Data – 2 miles
- National Wetland Inventory Data (NWI) – 2 miles
- AQUIFLOW® – 1 mile

Based on a review of the EDR database report, the Site was not identified on any databases.

Based on review of the EDR database report, five mapped sites on seven database listings were identified within one-mile of the Site. The databases identified include: RCRA-SQG, FINDS, AST, UST, LUST, HIST-LF, and NY MANIFEST. The following listings were identified within 1 mile of the Site:

- Johnson Controls Hangar is listed at 49541 Ecorse Road in Belleville, Michigan 48111, between 0.25 and 0.50 mile south-southeast of the Site. The facility is listed on the AST database with one active 25,000-gallon gasoline AST. One former 12,000-gallon AST was installed on July 10, 1996 and closed on January 17, 2001. The current AST was installed when the former AST was removed on January 17, 2001.
- General Motors Corporation is listed at 50000 Ecorse Road in Belleville, Michigan 48111, between 0.25 and 0.50 mile south-southwest of the Site. The facility is listed on the RCRA-SQG, FINDS, and NY Manifest databases. The facility is listed as a small quantity generator of hazardous waste with EPA identification number MID000718536. No TSD activities or violations were on record. The NY MANIFEST database indicated that non-listed ignitable wastes were generated at the facility and transported off-site to a TSD on May 19, 1999.
- GM Warehousing & Distribution is listed at 50000 Ecorse Road in Belleville, Michigan 48111, between 0.25 and 0.50 mile south-southwest of the Site. The facility is listed on the UST and LUST databases with Facility ID Number 0001944 and Leak Number C-1692-91, respectively. One 1,000-gallon gasoline UST and 1,500-gallon used grease UST were installed on April 30, 1971 and removed on August 19, 1991 and October 1, 1986, respectively. One 500-gallon gasoline UST was installed on August 1, 1991 and removed on September 24, 2004. A release (Leak Number C-1692-91) of an unknown quantity of an unknown substance was reported on August 19, 1991. The release is currently listed as open.
- Van Landfill is listed at 50700 Ecorse Road in Belleville, Michigan 48111, between 0.5 and 1 mile west-southwest of the Site. The facility is listed on the HIST LF database with a Facility ID No. 82000056. The facility is listed as inactive Type II landfill.

EEC reviewed information on these and all remaining mapped properties based on information provided in the EDR report, respective distances from the Site, and hydrological relationships with respect to the Site. EEC submitted a FOIA request to the Michigan Department of Environmental Quality (MDEQ) and requested information regarding the open LUST case at the adjacent GM SPO Warehouse. Review of documentation provided by the MDEQ indicated that a release of an unknown quantity of gasoline was

reported on August 19, 1991. Several subsurface investigations were performed to characterize and delineate soil and groundwater contamination in the vicinity of the UST release, which occurred north of the SPO Warehouse building and south of a retention pond associated with the SPO Warehouse property. Concentrations of contaminants existed at concentrations exceeding applicable Michigan cleanup criteria, and were generally delineated within the SPO Warehouse property. However, contaminants were detected in one of the two eastern boundary monitoring wells, and the groundwater flow direction was determined to be east toward the Site. Therefore, the open LUST case (Release number C-1692-91) at the adjacent GM SPO Warehouse represents a REC relative to the Site. No RECs or other environmental issues were noted in association with the remaining mapped facilities.

A total of thirteen unmapped or “orphan” facilities were identified in the vicinity of the Site in the EDR report. Based on available information, these sites 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 for information regarding the Site. Regulatory correspondence is attached as Appendix B. The information obtained from the contacts is summarized in the following paragraphs.

- EEC visited the Van Buren Township Office and obtained the following information:
 - Assessing Department
 - Parcel identification cards for the former onsite structures (described in Section 2.2.1 and included in Appendix E).
 - Development Department
 - Van Buren Township Zoning Map; March 2002.
 - Zoning Ordinance, Section 4.45.E – Woodland and Tree Preservation; December 1999.
 - Water and Sewer Department
 - Van Buren Township Sanitary Sewer System Map
 - Van Buren Township Water Distribution Map
 - Van Buren Township Drainage Map; 1958.
 - Environmental Department
 - Regulated Woodlands Map
- GM provided EEC with the following surveys:
 - Composite Survey of Part of Sections 4, 5, 6, Township 3S, Range 8E; August 1970.

- Act 132 Lot Split of a 220 ± Acre Parcel of Land in Section 6, Township 3S, Range 8E, Van Buren Township Michigan; February 2005.
- Survey of Parcel C, A 75.69 Acre Parcel of Land in Section 6, Township 3S, Range 8E, Van Buren Township Michigan; February 2005.
- EEC submitted a FOIA request to the MDEQ in order to request information regarding current or former USTs, ASTs, hazardous waste storage and use, hazardous waste inspections or violations, spills, permits, groundwater wells, septic tanks, and any other environmental non-compliance issues at the Site. Representatives with the Land and Water Management Division, Water Bureau, Waste and Hazardous Materials Division, Air Quality Division, and Remediation and Redevelopment Division indicated that there are no records on file for the Site.
- EEC submitted a FOIA request to the MDEQ and requested information regarding the open LUST case at the adjacent GM SPO Warehouse. Review of documentation provided by the MDEQ indicated that a release of an unknown quantity of gasoline was reported on August 19, 1991. Several subsurface investigations were performed to characterize and delineate soil and groundwater contamination in the vicinity of the UST release, which occurred north of the SPO Warehouse building and south of a retention pond associated with the SPO Warehouse property. Concentrations of contaminants existed at concentrations exceeding applicable Michigan cleanup criteria, and were generally delineated within the SPO Warehouse property. However, contaminants were detected in one of the two eastern boundary monitoring wells, and the groundwater flow direction was determined to be east toward the Site.
- EEC submitted a FOIA request to the Wayne County Health Department and Department of Environment request in order to request information regarding current or former USTs, ASTs, hazardous waste storage and use, hazardous waste inspections or violations, spills, permits, groundwater wells, septic tanks, and any other environmental non-compliance issues at the Site. A representative with the Department of Environment indicated that there are no records on file for the Site (northwest corner of Ecorse Road and Denton Road). Wayne County Health records obtained indicated that septic systems and tile fields were installed at in 6728 Denton in 1957, 7022 Denton in 1981, 7050 Denton in 1963, 1065, and a tile field in 1977, and 7110 Denton in 1962 and 1966. In addition, a water well and pump were installed at 6728 Denton in 1956.
- EEC contacted the Van Buren Township Water and Sewer Department to inquire about when water and sewer services were installed in the area of the Site. A representative of the Van Buren Township Water and Sewer Department indicated that sanitary sewer services are not provided to the Site and surrounding properties along Denton Road. The representative further indicated that township water was not provided in the area of the Site until approximately 1962.
- EEC searched the EPA Envirofacts Internet site for available environmental information related to the Site. No information regarding environmental regulatory programs was listed for the Site.

No RECs were noted in associated with the information provided by regulatory agency contacts. Other environmental issues associated with the information obtained from the Van Buren Township Water and Sewer Department are discussed in Sections 2.1.6 and 2.3.3.

2.3.3 Water Well Survey

No groundwater wells or monitoring wells were observed by EEC at the Site or stated to be present by Site personnel. According to Site personnel and a representative of the Van Buren Township Water and Sewer Department, township water was not supplied to the area of the Site until approximately 1962. Based on the former existence of the onsite residences/structures (constructed as early as 1940 and demolished by 2003), it is likely that water wells were associated with the residences/structures. The extent to which water wells were properly abandoned or still exist is unknown, which represents a potential other environmental issue.

EDR conducted a records search of the Federal USGS, Federal Reporting Data System (FRDS) Public Water Supply (PWS) System, and State databases of wells located within approximately one mile of the Site. No Federal USGS wells or federal FRDS PWS wells are located between within 1 mile of the Site. Twelve State wells are located within 1 mile north, north-northeast, west, and north-northwest of the Site. Two oil/gas wells are located between 1 and 2 miles west of the Site.

2.3.4 Utility Services

No utilities exist at the Site. Electricity is provided to surrounding properties by DTE Energy. Water, sanitary sewer, and storm water sewer services are supplied to surrounding properties by Van Buren Township. Natural is provided to surrounding properties by Michcon. A natural gas pipeline easement for underground distribution exists along the eastern portion of the Site, parallel to Denton Road. The presence of the buried natural gas pipeline represents an other environmental issue.

3.0 CONCLUSIONS

Encore Environmental Consortium, LLC (EEC) has conducted a Phase I Environmental Site Assessment (ESA) of Parcel C (75.69 acres of land) located northwest of the Ecorse Road / Denton Road intersection in Van Buren Township, Michigan (herein referred to as “the Site”). The Site is currently owned by General Motors Corporation (GM). 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 adjoining 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 evidence of the following RECs in connection with the Site:

- GM Warehousing and Distribution (a.k.a. GM SPO Warehouse) located at 50000 Ecorse Road, is located immediately west of the Site. The Environmental Data Resources, Inc. (EDR) report indicated a release from a leaking underground storage tank (LUST) (Release number C-1692-91) was reported at the facility on August 19, 1991. The contents and quantities of the release were not identified in the EDR report. The LUST case was identified as being open in the EDR report. EEC submitted a Freedom of Information Act (FOIA) request to the Michigan Department of Environmental Quality (MDEQ) and requested information regarding the open LUST case at the adjacent GM SPO Warehouse. Review of documentation provided by the MDEQ indicated that a release of an unknown quantity of gasoline was reported on August 19, 1991. Several subsurface investigations were performed to characterize and delineate soil and groundwater contamination in the vicinity of the UST release, which occurred north of the SPO Warehouse building and south of a retention pond associated with the SPO Warehouse property. Concentrations of contaminants existed at concentrations exceeding applicable Michigan cleanup criteria, and were generally delineated within the SPO Warehouse property. However, contaminants were detected in one of the two eastern boundary monitoring wells, and the groundwater flow direction was determined to be east toward the Site. Therefore, the open LUST case (Release number C-1692-91) at the adjacent GM SPO Warehouse represents a REC relative to the Site.
- During the Site reconnaissance, EEC observed one abandoned 500-gallon aboveground storage tank (AST) and two abandoned 300-gallon ASTs. The ASTs were observed lying on the ground on the eastern portion of the Site, near the locations of former onsite residences. The ASTs were observed to be rusted and in poor structural condition. EEC did not observe product in the ASTs. The 500-gallon AST was labeled “Automatic Detroit”. EEC did not observe labels on the 300-gallon ASTs. It is unknown if the ASTs were used at the location of observation in association with the former residences (constructed between 1940 and 1960), or otherwise if the ASTs were discarded on the ground. Evidence of spills/releases was not observed in the vicinities of the ASTs during the Site reconnaissance. However, the presence of three abandoned ASTs at the Site represents a REC.
- During the Site reconnaissance, EEC observed three 30-gallon drums and one 55-gallon drum in the western portion of the Site. The drums were observed to be rusted and in poor structural

condition. EEC did not observe labels on the drums. Several of the drums appeared to be empty or filled with snow/ice. Evidence of spills/releases was not observed in the vicinities of the drums during the Site reconnaissance. However, the presence of four abandoned drums at the Site represents a REC.

- During the Site reconnaissance, EEC observed five polyvinyl chloride (PVC) stormwater discharge drainage pipes along the western boundary of the Site. The stormwater discharge drainage pipes appeared to discharge directly onto the ground on the western boundary of the Site. EEC also observed several storm drains at the adjacent GM SPO Warehouse parking lot. The storm drains at the adjacent GM SPO Warehouse are likely connected to the onsite PVC stormwater discharge drainage pipes. When occupied over time, parking lot areas represent a common source of automotive fluids. Since the western boundary of the Site receives drainage (a.k.a. runoff) from the parking lot areas, the potential for impact exists. Therefore, the discharge location of the PVC drainage pipes along the western boundary of the Site represents a REC.

B. HISTORICAL RECs

This assessment has not revealed evidence of historical RECs in connection with the Site.

C. OTHER ENVIRONMENTAL ISSUES

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

- According to a representative of the Van Buren Township Water and Sewer Department, sanitary sewer services are not provided to the Site and surrounding properties along Denton Road. Based on the former presence of several onsite residential homes/structures (constructed as early as 1940 and demolished by 2003), it is likely that septic tanks with associated leach fields were present at the Site. The extent to which such drainage structures were removed or abandoned upon demolition of the Site is unknown. Therefore, abandoned drainage structures and/or residual waste in the vicinity of these former residences may present an other environmental issue.
- Review of historical photographs indicated that the Site was undeveloped and cultivated for agricultural purposes as early as 1940. Based on the historic use of the Site as cultivated farmland, agricultural chemicals such as pesticides, herbicides, and fertilizers would have historically been used on the Site. Information regarding historic use, storage, or applications rates was not available. If the chemicals were applied in accordance with manufacturer recommendations, residuals remaining in Site soils would be expected to be similar to other area properties. No information was available to determine whether residual concentrations exceed government use or exposure criteria. Application of agricultural chemicals for intended use is not considered a release and potential residuals remaining would not be considered a REC. However, the potential presence of agricultural chemicals may have resulted in impact to Site soil and groundwater and is therefore considered an other environmental issue.
- Van Buren Township regulates woodland areas within its jurisdiction, and published woodland maps depicting the location of these areas. Maps on file at the township depict the existence of approximately 6 to 8 acres of township regulated woodlands on the Site, which represents an other environmental issue.
- 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 NWI electronic data coverage was not available for the Site. The EDR report indicated that state wetland electronic data coverage was available for the Site, and that the Site is not located in a state wetland area. EEC observed sections of the Old Ayer Drain and Old Smith Drain across the northern and southern portions of the Site, respectively. The Old Ayer Drain and Old Smith Drain are not depicted as regulated wetland areas in the EDR report. Inundated areas were also observed on the eastern portion of the Site. In addition, EEC observed wetland-type vegetation (i.e., cattails and grasses) in these portions of the Site. The EDR report indicated that the Site did not contain State of Michigan listed wetlands. However, EEC observed wetland delineation flags in the vicinities of the Old Ayers Drain, Old Smith Drain and the inundated areas on the eastern portion of the Site. Based on EEC's observations during the Site reconnaissance and the presence of wetland delineation flags, the Site may contain regulated wetland areas, which represents an other environmental issue.

- EEC observed solid waste in piles aboveground sporadically throughout the Site. In addition to the ASTs and drums identified as RECs, EEC also observed used tires, general garbage, building construction materials (e.g., concrete, wood, metal, shingles), household appliances (e.g., washer, dryer), furniture (e.g., bedspring), plastic and metal piping, hazardous material containers, scrap metal, and numerous unidentifiable items. The presence of large quantities of solid waste disposed of aboveground at the Site represents an other environmental issue.
- According to Site personnel and a representative of the Van Buren Township Water and Sewer Department, township water was not supplied to the area of the Site until approximately 1962. Based on the former existence of the onsite residences/structures (constructed as early as 1940 and demolished by 2003), it is likely that water wells were associated with the residences/structures. The extent to which water wells were properly abandoned or still exist is unknown, which represents a potential other environmental issue.
- A natural gas pipeline easement for underground distribution exists along the eastern portion of the Site, parallel to Denton Road. The presence of the buried natural gas pipeline represents an other environmental issue.

4.0 RECOMMENDATIONS

The Phase I ESA has not revealed the presence of historical RECs. However, the Phase I ESA has identified RECs and other environmental issues at the Site. Accordingly, EEC makes the following recommendations:

Recommendations for Additional Assessment:

- EEC recommends a subsurface investigation along the northwestern boundary of the Site to investigate potential impact from the adjacent open LUST case.
- EEC recommends a subsurface investigation in the vicinity of the abandoned ASTs in the eastern portion of the Site.
- EEC recommends a subsurface investigation in the vicinity of the PVC discharge pipes along the western boundary of the Site.
- EEC recommends a subsurface investigation in the vicinity of the abandoned drums in the western portion of the Site.

Recommendation Regarding Environmental Practices:

- EEC recommends that discarded solid wastes aboveground at the Site be removed and properly disposed.

Site Development Issues:

- The potential presence of abandoned septic system components, associated residual waste, and/or abandoned water wells in the vicinity of the former residence/structures represents a potential Site development issue.
- Consideration should be given to the potential presence of agricultural chemicals in Site soils and/or groundwater when evaluating future uses of the Site.
- EEC has no further recommendation regarding the regulated woodlands at the Site. However, the presence of regulated woodlands at the Site may present a Site development issue.
- EEC has no further recommendation regarding the potential wetland areas located in the northern, southern and eastern portions of the Site. However, the potential wetland areas may present a Site development issue.
- EEC has no further recommendation regarding the natural gas pipeline extending along the eastern portion of the Site. However, the presence of the pipeline may present a Site development issue.

5.0 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 General Motors Worldwide Real Estate. Use of this Report by any person or entity other than General Motors Worldwide Real Estate 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.

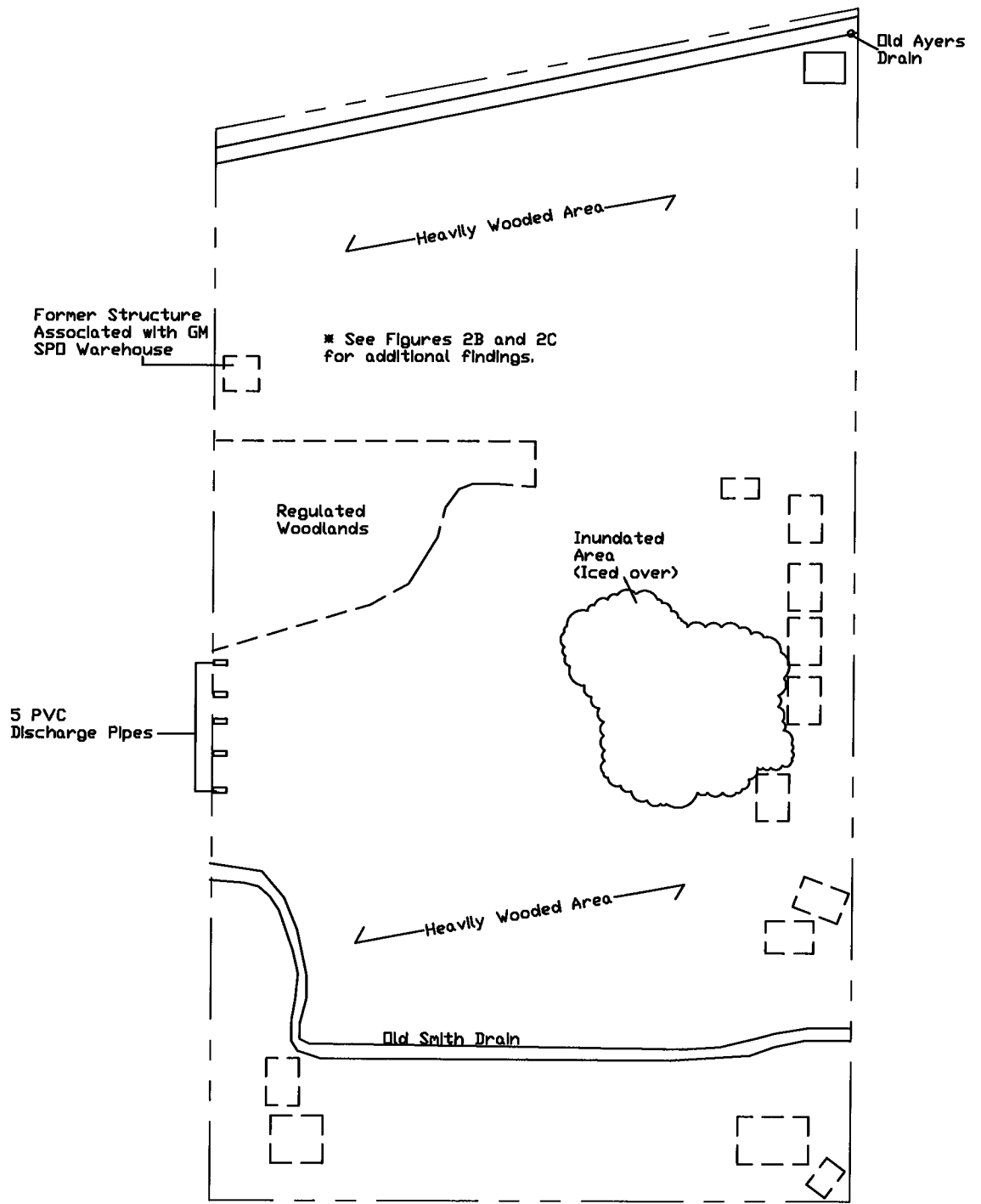
6.0 REFERENCES

1. Corrective Action Plan (CAP), General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; March 11, 1994.
2. RE: CAP Addendum, General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 8, 1994.
3. RE: CAP Addendum, MDNR, General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 27, 1994.




APPENDIX A

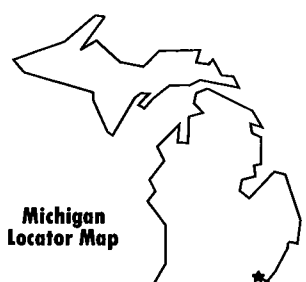
Figures

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LEGEND

-  SITE BOUNDARY
-  FORMER RESIDENTIAL HOME/STRUCTURE
-  PVC POLYVINYL CHLORIDE



NOT TO SCALE



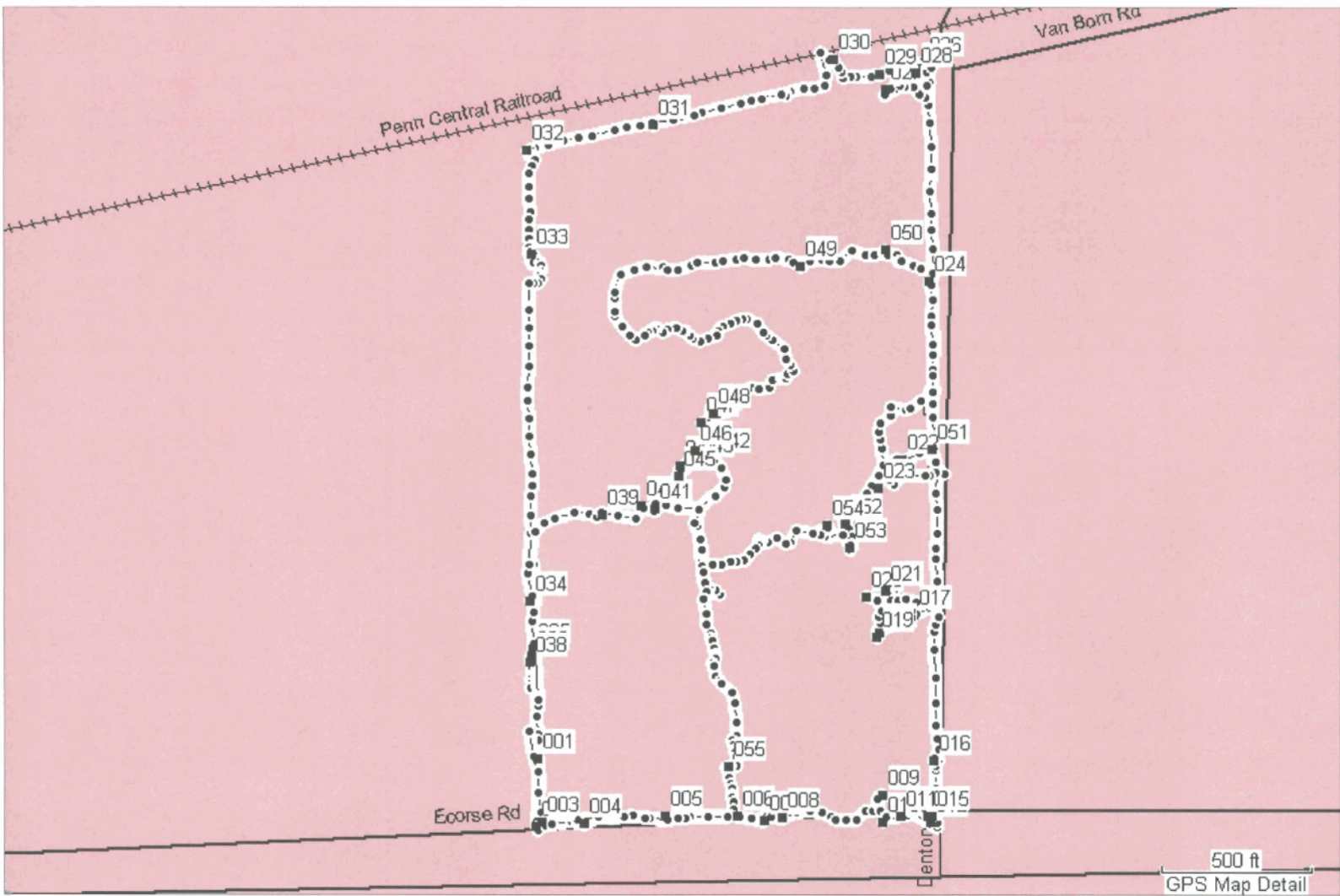
PARCEL C - 75.69 ACRES
NWC ECORSE ROAD & DENTON ROAD
VAN BUREN TOWNSHIP, MICHIGAN 48111

SITE MAP

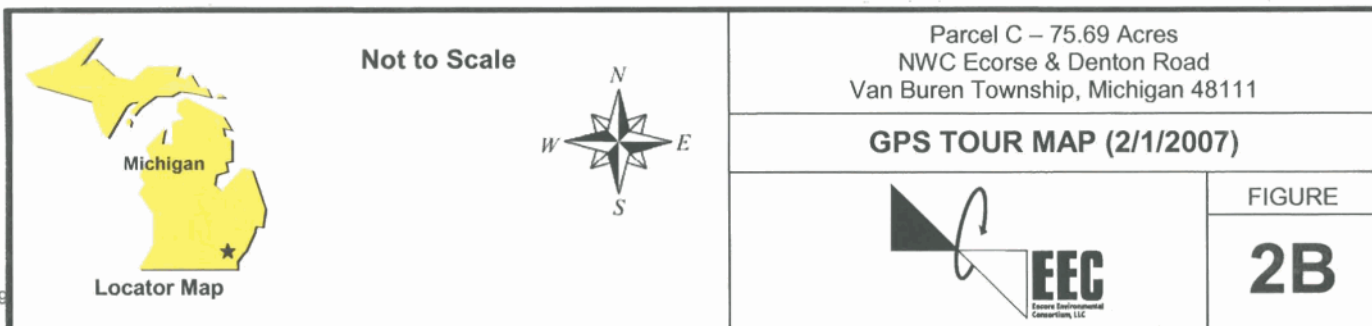


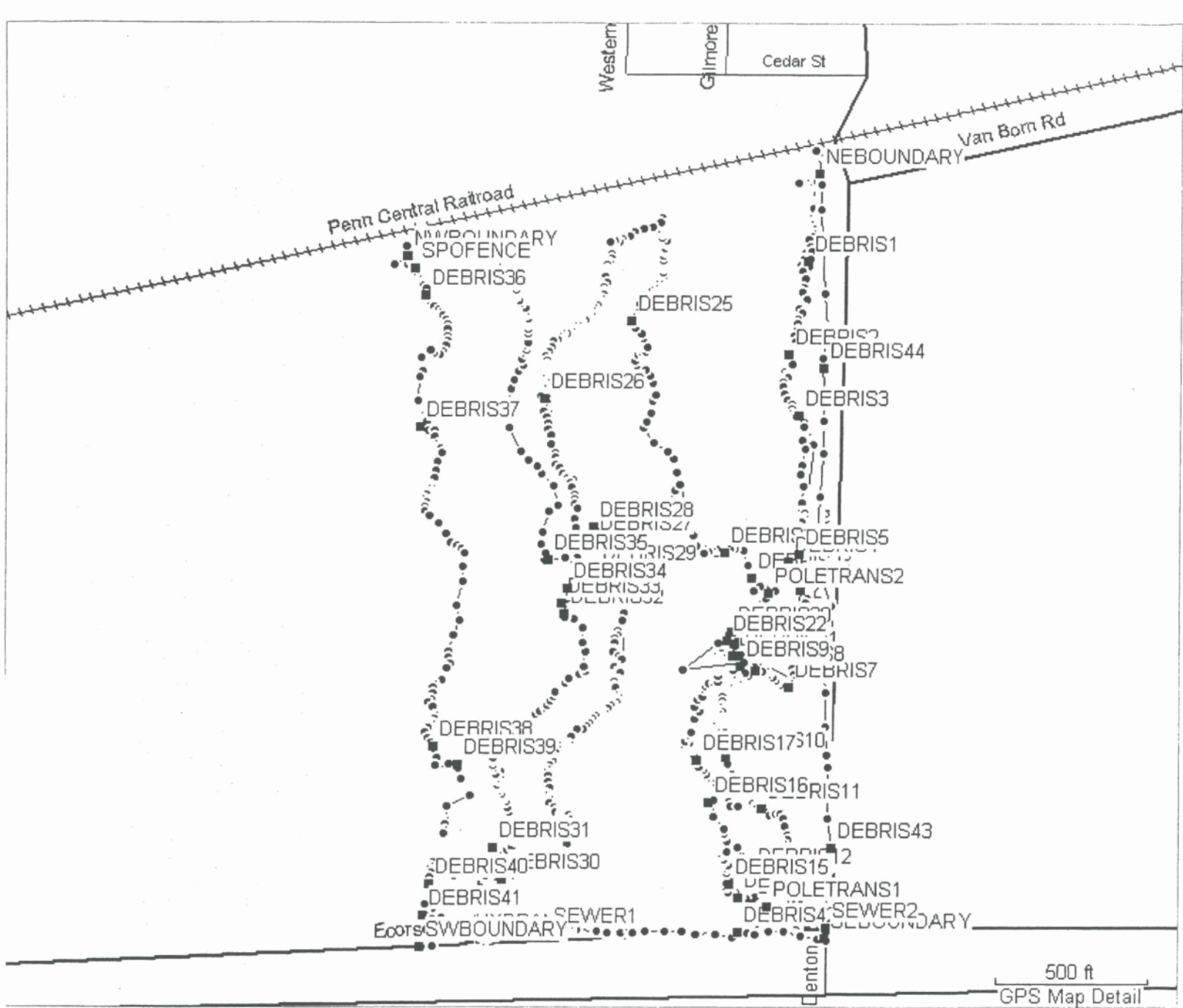
FIGURE

2A

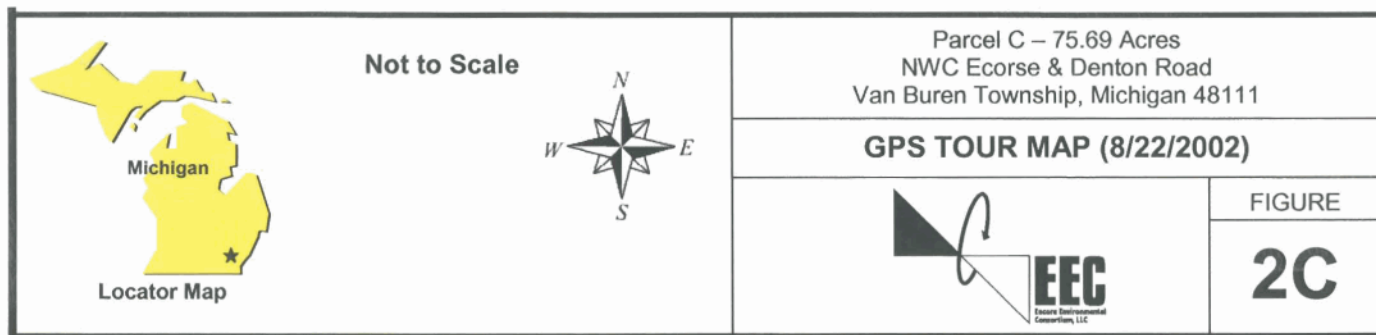


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Privileged and Confidential, Prepared at the Request of Counsel



Parcel C – 75.69 Acres
NWC Ecorse & Denton Road
Van Buren Township, Michigan 48111

GPS TOUR MAP (8/22/2002)

Description of Site Observations:

Debris Notations:

* Asterisk designates material is buried and exposed from the soil.

- DEBRIS 1: automotive parts (gasoline tank)
- DEBRIS 2*: tires, partially buried
- DEBRIS 3: wire fencing, metal pipe
- DEBRIS 4: brick debris, concrete
- DEBRIS 5: wood, household garbage scattered along driveway
- DEBRIS 6: scattered garbage
- DEBRIS 7: tire, scrap metal
- DEBRIS 8: tires, sheet metal
- DEBRIS 9*: tarp, miscellaneous garbage
- DEBRIS 10: asphalt, cement blocks, glass bottles, rusted metal cans
- DEBRIS 11*: concrete debris
- DEBRIS 12*: scrap metal, tires, empty antifreeze containers
- DEBRIS 13: concrete
- DEBRIS 14: pile of wood and scrap metal
- DEBRIS 15: basketball backboard, oil filter, tire
- DEBRIS 16*: asphalt
- DEBRIS 17: pile of wood, concrete, shingles, bedspring
- DEBRIS 18: dryer, cement blocks, metal
- DEBRIS 19*: pile of at least 8 tires
- DEBRIS 20: miscellaneous metal automotive parts
- DEBRIS 21: rusted water tank, other unidentifiable tank
- DEBRIS 22: water tank, tire
- DEBRIS 23: burn pile (partially burned trash remaining)
- DEBRIS 24: miscellaneous garbage (plastics, wood, shingles)
- DEBRIS 25: metal fence
- DEBRIS 26: metal post and wire fencing
- DEBRIS 27: washer
- DEBRIS 28: scrap metal
- DEBRIS 29*: metal drums
- DEBRIS 30: tires
- DEBRIS 31*: asphalt
- DEBRIS 32: miscellaneous garbage (metal and glass)
- DEBRIS 33: bumper, grille, cans
- DEBRIS 34: metal drum
- DEBRIS 35: scrap metal, tires
- DEBRIS 36: empty 5-gallon pail
- DEBRIS 37: metal drum, scrap metal
- DEBRIS 38: corrugated roofing
- DEBRIS 39*: pipe
- DEBRIS 40: sign, miscellaneous garbage
- DEBRIS 41: large piece of concrete

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DEBRIS 42: scrap metal
DEBRIS 43: tire, miscellaneous garbage
DEBRIS 44: tire

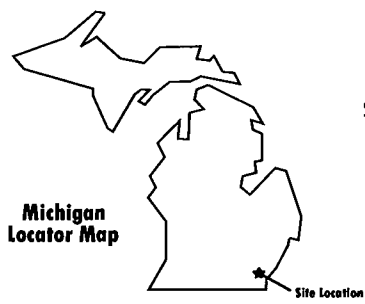
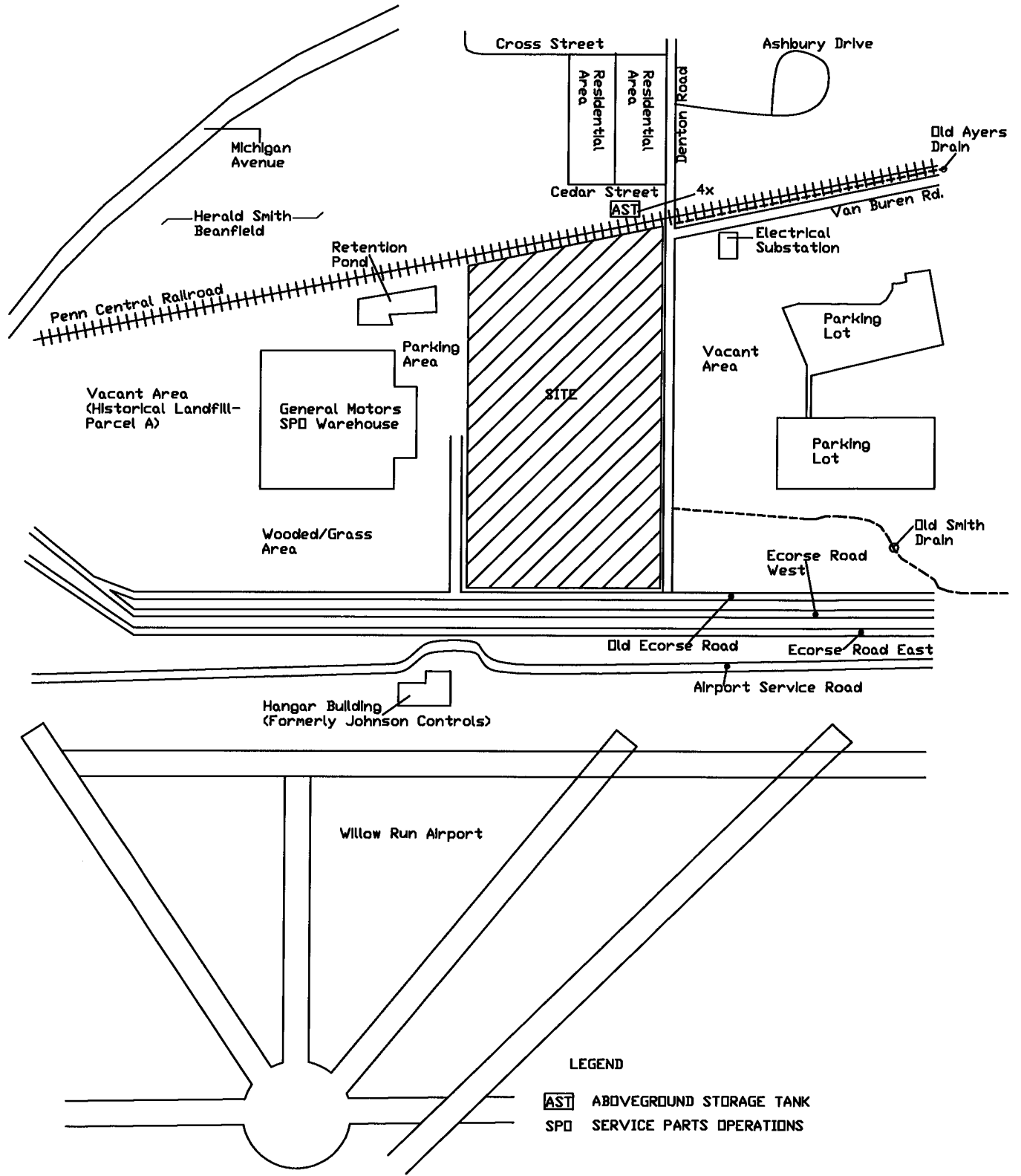
POLETRANS#: Pole-mounted transformer

SPO#FENC#: SPO Warehouse Fenceline

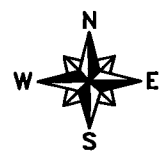
HYDRANT#: Public water supply

SEWER#: Public sanitary sewer service

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NOT TO SCALE



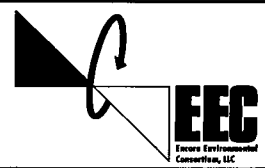
LEGEND
 AST ABOVEGROUND STORAGE TANK
 SPD SERVICE PARTS OPERATIONS

PARCEL C - 75.69 ACRES
 NWC ECORSE ROAD & DENTON ROAD
 VAN BUREN TOWNSHIP, MICHIGAN 48111

SURROUNDING PROPERTIES MAP

FIGURE

3



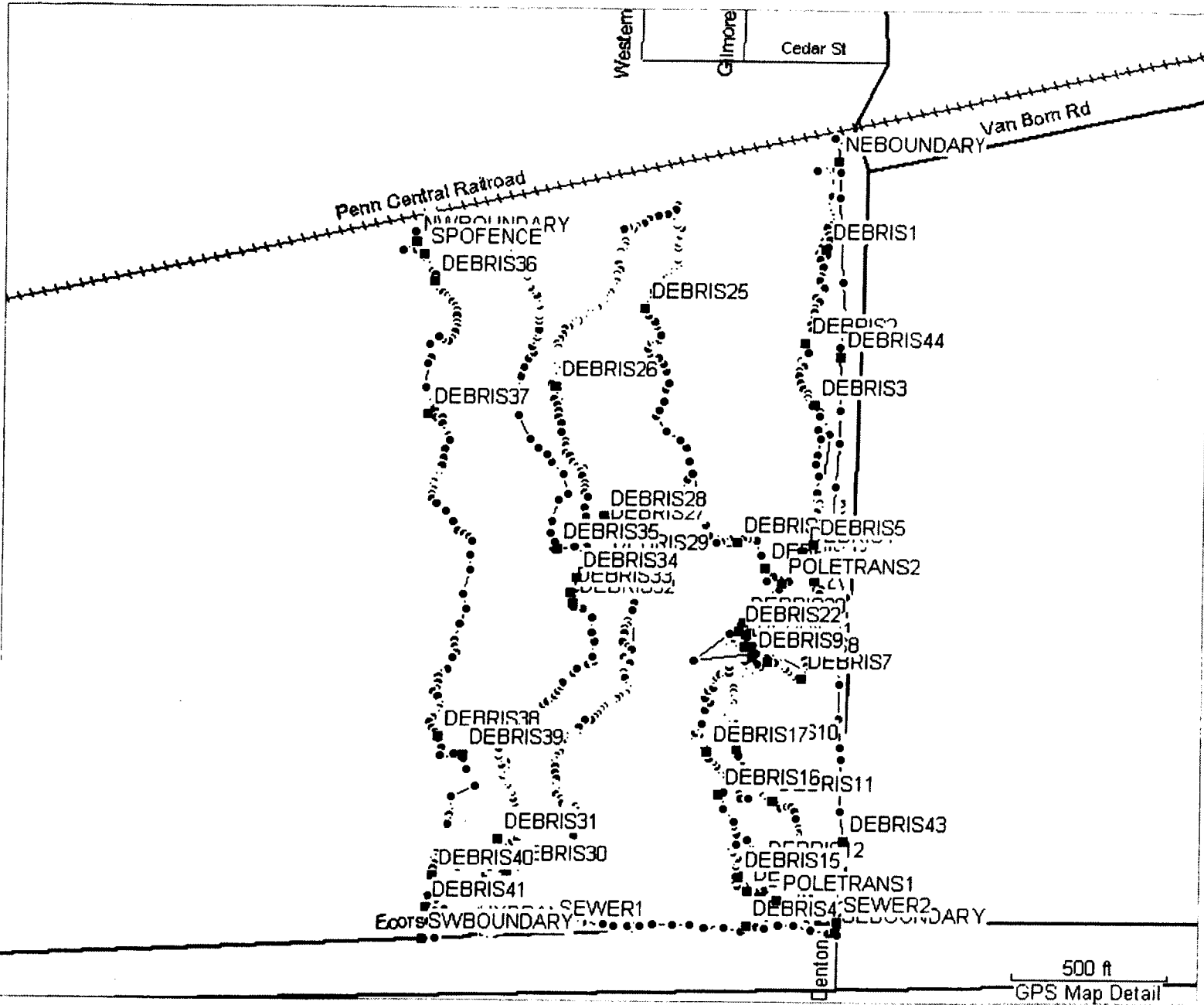
Parcel C – 75.69 Acres
NWC Ecorse & Denton Road
Van Buren Township, Michigan 48111

GPS TOUR MAP (2/1/2007)

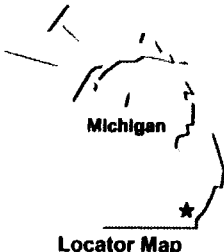


Description of Site Observations:

- 001: down tree limb over fence
- 002: southwest corner of Site
- 003: wayne county sewer manhole
- 004: fire hydrant
- 005: wayne county sewer manhole
- 006: drainage ditch
- 007: fire hydrant
- 008: wayne county sewer manhole
- 009: pole-mounted transformer
- 010: telephone pole
- 011: wayne county sewer manhole
- 012: southeast corner of Site – telephone pole
- 013: water department manhole
- 014: wayne county sewer manhole
- 015: water department manhole
- 016: old smith drain
- 017: former residence
- 018: pole-mounted transformer
- 019: general trash
- 020: tires
- 021: wetland delineation flag
- 022: former residence
- 023: pole-mounted transformer
- 024: general trash
- 025: northeast corner of Site
- 026: old ayer drain
- 027: old ayer drain
- 028: old ayer drain
- 029: stockpiled railroad ties
- 030: ASTs on adjacent property
- 031: fiber optic cable sign
- 032: northwest corner of Site
- 033: general trash
- 034: PVC discharge pipe
- 035: PVC discharge pipe
- 036: PVC discharge pipe
- 037: PVC discharge pipe
- 038: PVC discharge pipe
- 039: general trash
- 040: metal debris and two refrigerators
- 041: 55-gallon drum
- 042: 30-gallon drum
- 043: 30-gallon drum

044: 30-gallon drum
045: metal debris and metal containers
046: frozen/iced over area
047: metal debris
048: metal debris
049: hunting tree stand
050: approximately twelve tires
051: michcon gas pipeline sign
052: general trash
053: one 300-gallon AST and one 500-gallon AST
054: one 300-gallon AST
056: old smith drain



Privileged and Confidential, Prepared at the Request of Counsel

 <p>Michigan</p> <p>Locator Map</p>	<p>Not to Scale</p> 	<p>Parcel C – 75.69 Acres NWC Ecorse & Denton Road Van Buren Township, Michigan 48111</p>	
		<p>GPS TOUR MAP (8/22/2002)</p>	
			<p>FIGURE</p> <p>2C</p>

APPENDIX B

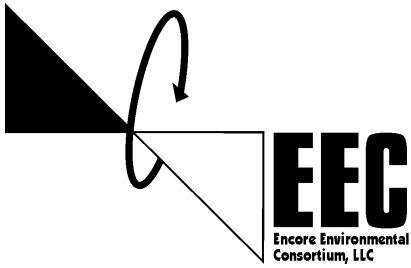
Contacts and Correspondence

**Parcel C – 75.69 Acres of Land
Northwest corner of Ecorse Road and Denton Road
Van Buren Township, Michigan**

Contact List

2/7/07

NAME	FIRM / ADDRESS	TITLE	PHONE / WEBPAGE	E-MAIL
Fred Rindhage	General Motors Corporation 2000 Centerpoint Parkway Pontiac, MI	Site Contact	(248) 753-5790 (phone)	---
FOIA Officer	Michigan Department of Environmental Quality 27700 Donald Court Warren, MI 48092	FOIA Officer	(586) 751-4690 (fax)	---
FOIA Officer	Wayne County Health Department Division of Environment – Land & Resource Management Section 3600 Commerce Street, Building E Wayne, MI	FOIA Officer	(734) 326-3936 (phone) (734) 326-4421 (fax)	---
Representative	Van Buren Township 46425 Tyler Road Van Buren Twp., MI 48111	---	(734) 699-8900 (phone)	---
Internet	MDEQ Storage Tank Database	---	http://www.deq.state.mi.us/sid-web/UST_Search.aspx	---
Internet	EPA Envirofacts Data Warehouse	---	http://www.epa.gov/enviro/	---



Documentation of Communication

Date	February 6, 2007
Time	6:40 PM EDT
Type of Communication	Internet

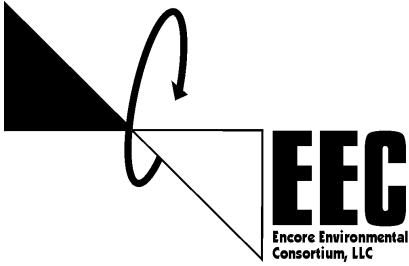
EEC Representative	Joe Kotwicki
Source of Communication (Organization)	EPA Envirofacts
Source / Organization Contact	http://www.epa.gov/enviro/
Contact #	NA
Email	

Specific Subject Matter:

EEC searched the EPA Envirofacts Internet site for available environmental information related to the Site. No information regarding environmental regulatory programs was listed for the Site.

NOTICE: The information contained in this communication is confidential and privileged proprietary information intended only for the individual or entity to whom it is addressed. Any unauthorized use, distribution, copying or disclosure of this communication is prohibited. If you have received this communication in error, please contact the sender immediately.

Privileged and Confidential, Prepared at the Request of Counsel



Documentation of Communication

Date	February 6, 2007
Time	16:30 EDT
Type of Communication	Facsimile

EEC Representative	Joe Kotwicki
Source of Communication (Organization)	MDEQ
Source / Organization Contact	FOIA Officer
Contact Phone #	586.751.4690

Specific Subject Matter:

EEC submitted a FOIA request to the Michigan Department of Environmental Quality (MDEQ) in order to request information regarding current or former underground storage tanks, above ground storage tanks, hazardous waste storage and use, hazardous waste inspections or violations, spills, permits, groundwater wells, septic tanks, and any other environmental non-compliance issues at the Site. Representatives with the Land and Water Management Division, Water Bureau, Waste and Hazardous Materials Division, Air Quality Division, and Remediation and Redevelopment Division indicated that there are no records on file for the Site.

NOTICE: The information contained in this communication is confidential and privileged proprietary information intended only for the individual or entity to whom it is addressed. Any unauthorized use, distribution, copying or disclosure of this communication is prohibited. If you have received this communication in error, please contact the sender immediately.

Privileged and Confidential, Prepared at the Request of Counsel



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

RECEIVED OCT 16 2008

October 13, 2008

Ms. Ivy Miller
Encore Environmental Consortium, LLC
Suite 100
10559 Citation Drive
Brighton, Michigan 48116

Dear Ms. Miller:

SUBJECT: Request for Disclosure of Official Files from the Land and Water Management Division

This written notice is issued in response to your October 6, 2008, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on October 6, 2008.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the following documents is denied.

Description of documents being denied: Any information pertaining to Vacant Land, Northwest Corner of Ecorse Road and Denton Road, 6728, 7022, 7050, 7090, 7110 and 7160 Denton Road and 79450 Ecorse Road, Van Buren Township, Michigan.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 business days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Pam Studebaker, FOIA Liaison
Land and Water Management Division
517-241-1554

EQP1048a (10/2006)



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RECEIVED OCT 16 2008



STEVEN E. CHESTER
DIRECTOR

October 13, 2008

Ivy Miller
10559 Citation Dr, Suite 100
Brighton, MI 48116

Dear Ivy Miller:

SUBJECT: Request for Disclosure of Official Files from the Waste and Hazardous Materials Division

This written notice is issued in response to your October 6, 2008, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on October 6, 2008.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the following documents is denied.

Description of documents being denied: 6728, 7022, 7050, 7090, 7110, 7160 Denton Rd, 79450 Ecorse Rd, Van Buren Township, Mi

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Lee Petrovich, FOIA Liaison
Waste and Hazardous Materials Division
517-373-6049



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RECEIVED OCT 20 2008



STEVEN E. CHESTER
DIRECTOR

October 16, 2008

Ms. Ivy Miller
EEC
10559 Citation Drive, Suite 100
Brighton, MI 48116

Dear Ms. Miller:

SUBJECT: Request for Disclosure of Official Files from Water Bureau

This written notice is issued in response to your October 6, 2008, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on October 6, 2008.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request dated October 6, 2008, to examine or receive a copy of the following documents is denied.

Description of documents being denied: Property, 6728, 7022, 7050, 7090, 7110, 7160 Denton Rd. and 79450 Ecorse Rd., Van Buren Twp., MI

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 business days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Thomas J. Hettinger
FOIA Liaison
Water Bureau
517-241-1330



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RECEIVED OCT 30 2008



STEVEN E. CHESTER
DIRECTOR

October 21, 2008

Ms. Ivy Miller
Encore Environmental Consortium
10559 Citation Drive, Suite 100
Brighton, MI 48116

Dear Ms. Miller:

SUBJECT: Request for Disclosure of Official Files from Remediation and Redevelopment Division

This written notice is issued in response to your **October 6, 2008**, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on **October 6, 2008**.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the following documents is denied.

Description of documents being denied: **Vacant Land Northwest Corner of Ecorse Road and Denton Road, Van Buren Twp. (Wayne Co.)**

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Melissa Andrews, FOIA Liaison
Remediation and Redevelopment Division
517-373-3978

DEQ FOIA 31
RRD FOIA 22

EQP1048a (10/2006)



STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

October 24, 2008

Ms. Ivy Miller
Encore Environmental Consortium, LLC
10559 Citation Drive, Suite 100
Brighton, Michigan 48116

Dear Ms. Miller:

SUBJECT: Request for Disclosure of Official Files from the Air Quality Division

This written notice is issued in response to your October 6, 2008, request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on October 6, 2008.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request dated October 6, 2008, to examine or receive a copy of the following documents is denied.

Description of documents being denied: see enclosed FOIA request.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

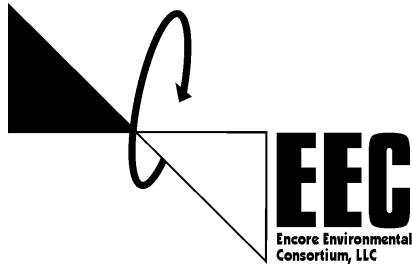
Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 business days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

Sincerely,

Rachel R. McKelvey
FOIA Liaison
Air Quality Division
517-241-7622

Enclosure
cc: 31-E-09



Documentation of Communication

Date February 6, 2007
Time 14:00 EDT
Type of Communication Internet

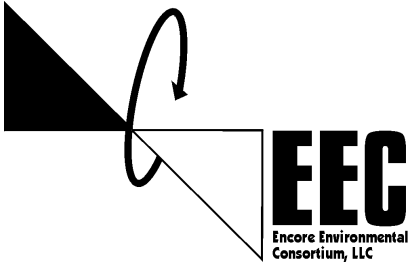
EEC Representative Joe Kotwicki
Source of Communication (Organization) MDEQ Storage Tank Database
Source / Organization ---
Contact
Contact Phone #
Internet Address http://www.deq.state.mi.us/sid-web/UST_Search.aspx

Specific Subject Matter:

EEC searched the MDEQ storage tank database on the internet for information on USTs at the Site. No information was listed for the Site.

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Privileged and Confidential, Prepared at the Request of Counsel



Documentation of Communication

Date February 6, 2007
Time 16:30 EDT
Type of Communication Facsimile

EEC Representative Joe Kotwicki
Source of Communication Wayne County Health Department – Division of Environmental – Land & Resource Management Section and Department of Environment (Organization)
Source / Organization FOIA Officer
Contact
Contact Phone # (734) 326-3936 Phone
(734) 326-4421 Fax

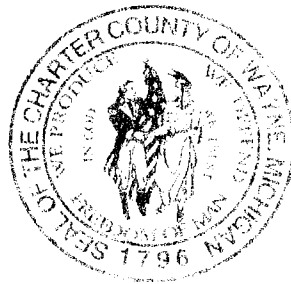
Specific Subject Matter:

EEC submitted a FOIA request to the Wayne County Health Department and Department of Environment request in order to request information regarding current or former USTs, ASTs, hazardous waste storage and use, hazardous waste inspections or violations, spills, permits, groundwater wells, septic tanks, and any other environmental non-compliance issues at the Site. A representative with the Department of Environment indicated that there are no records on file for the Site (northwest corner of Ecorse Road and Denton Road). Wayne County Health records obtained indicated that septic systems and tile fields were installed at in 6728 Denton in 1957, 7022 Denton in 1981, 7050 Denton in 1963, 1065, and a tile field in 1977, and 7110 Denton in 1962 and 1966. In addition, a water well and pump were installed at 6728 Denton in 1956.

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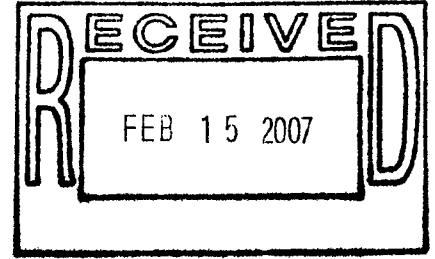
Privileged and Confidential, Prepared at the Request of Counsel

Kurt L. Heise
Director



Robert A. Ficano
County Executive

February 12, 2007



Joe Kotwicki
Encore Environmental Consortium
10559 Citation Drive, Suite 100
Brighton, MI 48116

**Re: Freedom of Information Act Request of – February 6, 2007
Denial Due to Nonexistence of Requested Records
Northwest Corner of Ecorse Road and Denton Road, Van Buren Township**

Dear Mr. Kotwicki:

The above request has been received and reviewed. After a diligent search for the requested records, I have determined and certify the records do not exist. Therefore, your request is denied. If you can provide more specific information, your request will be reviewed to determine whether the desired records exist.

You have the right to do either of the following:

1) Submit a written appeal to the County Executive, which specifically states the word "appeal" and states the reasons the denial should be reversed.

OR

2) Commence an action in the circuit court to compel disclosure. Should you prevail, you will be entitled to have reasonable attorneys' fees, costs and disbursements assessed against the County by the court. If you or the County prevails in part, the court may, in its discretion, award you all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. If the court determines that the County has been arbitrary and capricious in its denial, you will be entitled to, in addition to actual damages, punitive damages in the amount of \$500.00

DEPARTMENT OF ENVIRONMENT
3600 COMMERCE COURT • BUILDING E • WAYNE, MICHIGAN 48184
(734) 326-3936 • FAX (734) 326-4421



Mr. Kotwicki
February 12, 2007
Page 2

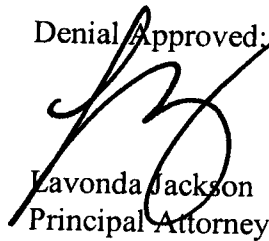
If you have any questions please do not hesitate to contact me at (734) 326-3936.

Sincerely,



Eric C. Anderson
Freedom of Information Act Officer

Denial ~~Approved~~:



Lavonda Jackson
Principal Attorney

cc: Cynthia Davis
Octavia Van Pelt
Lavonda Jackson

07-060

Permit to Install or Construct Sewage Disposal System

KEEP POSTED UNTIL INSPECTED

Permission is hereby granted to: R. J. B. Date 9-3-57

Address 36145 BOSTON P. O. (or zone) WAYNE

to perform the work checked below in accordance with the regulations of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Install a Septic Tank 200 Gals. Construct a Septic Tank.....
- Construct a Tile Field 225 FT. Construct a Tile Field & Underdrain..

on the premises located at 6728 DENTON

between VAN BORN (No.) and ECORSE (Street)

Lot No. - Subdivision - CANTON VAN BORN Township, Village, City

Owner ANTHONY TALAGA

SPECIAL CONDITIONS:

Authorized Signature H. H. Hyster

Title MAN

Installation Approved H. H. Hyster 9-5-57 (Inspector) (Date)

This Permit expires 1 year from above date.

WCH-38 - 5M Sets - 12340 - 10-56.

Phone PA kway 4-0200
Logan 4-3320

WAYNE-COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENGINEERING AND SANITATION

NO. 1030

PERMIT TO INSTALL

1030

- WELL
- WELL & PUMP
- PUMP

Permission is hereby granted to ANTHONY TALAGA Date 9-19-56

Street Address 6728 DENTON P.O. BELLEVILLE

to perform the work checked below in accordance with the standards of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Construct a Drilled Driven Dug Other System on the

premises located at 6728 DENTON BELLEVILLE VAN BORN
No. Street P.O. Twp. Lot No.

between MICHIGAN and ECORSE

Owner ANTHONY TALAGA Supply....Public or Semipublic Private

Special Conditions

Authorized Signature H. H. Hyster

Title MAN

Installation Approved _____ (Sanitarian) (Date)

Replis install

Permit to Install or Construct Sewage Disposal System

KEEP POSTED UNTIL INSPECTED

Permission is hereby granted to: R. Weber Date 10/22/81
Address 41795 Bemis P. O. (or zone) Collinsville 48111

to perform the work checked below in accordance with the regulations of the Division of Environmental Health of the Wayne County Department of Health.

- Install a Septic Tank
- Construct a Septic Tank
- Construct a Tile Field 400 line 1
- Construct a Tile Field & Underdrain

on the premises located at 7022 Denton Rd
(No.) (Street)
between Van Buren and Wendover (R.R. track)
Lot No. _____ Subdivision Van Buren Twp
Township, Village, City

Owner Foley (Argonaut hwy)

ADDITIONAL REQUIREMENTS

Authorized Signature _____
Title _____

*Install new 400 line w/ tile field
High as possible + maintain gravity flow or lower
area - SW of house across driveway*

Installation Approved D. Sturabell 11/13/81
(Inspector) (Date)

This Permit expires 1 year from above date.

WCH-38

Permit to Install or Construct Sewage Disposal System

KEEP POSTED UNTIL INSPECTED

Permission is hereby granted to: ARGONAUT, General Motors Date 7-18-77
Address 485 W. Milwaukee P. O. (or zone) Detroit 48202

to perform the work checked below in accordance with the regulations of the Division of Environmental Health of the Wayne County Department of Health.

- Install a Septic Tank
- Construct a Septic Tank
- Construct a Tile Field 400 FT
- Construct a Tile Field & Underdrain

on the premises located at 7050 Denton Rd
(No.) (Street)
between ECORSE and VAN BORN
Lot No. _____ Subdivision VAN BORN
Township, Village, City

Owner Same

ADDITIONAL REQUIREMENTS

Authorized Signature Sam E. Seom
Title ASST. SANITARIAN

*New tile field
connected to old
Tank.*

Installation Approved _____
(Inspector) (Date)

This Permit expires 1 year from above date.

WCH-38

Permit to Install or Construct Sewage Disposal System

KEEP POSTED UNTIL INSPECTED

Permission is hereby granted to: ROBERT B. TAPLEY Date 7-8-63

Address 731 ~~Wagonway~~ Hayes P. O. (or zone) Ypsilanti Mich.

to perform the work checked below in accordance with the regulations of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Install a Septic Tank.....
- Construct a Septic Tank.....
- Construct a Tile Field.....
- Construct a Tile Field & Underdrain..

on the premises located at 7050 DENTON

between ECCOSE (No.) and MICHIGAN (Street)

Lot No. _____ Subdivision _____ VAN BUREN

Owner H. B. TAPLEY Township, Village, City

SPECIAL CONDITIONS:

- ① 1000 GALLON SEPTIC TANK Authorized Signature [Signature]
- ② 300 FEET OF DRAIN TILE Title [Signature]

Installation Approved [Signature] 10-18-63 (Date)

This Permit expires 1 year from above date.

Permit to Install or Construct Sewage Disposal System

KEEP POSTED UNTIL INSPECTED

Permission is hereby granted to: Archie P. Schooler Date 8-2-65

Address 425 Hayes P. O. (or zone) Ypsilanti

to perform the work checked below in accordance with the regulations of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Install a Septic Tank.....
- Construct a Septic Tank.....
- Construct a Tile Field.....
- Construct a Tile Field & Underdrain..

on the premises located at 7050 Denton

between Mich. (No.) and Fence (Street)

Lot No. _____ Subdivision _____ Van Buren

Owner A. P. Schooler Township, Village, City

SPECIAL CONDITIONS:

- Authorized Signature R. L. Hadfield
- Title Sanitary Inspector
- Installation Approved [Signature] (Date) 10-18-65

This Permit expires 1 year from above date.

Phone: Parkway 1-0200
Phone: 242800

WAYNE COUNTY DEPARTMENT OF HEALTH No 30954

Rec'd #

Permit to Install or Construct Sewage Disposal System

Permission is hereby granted to: WILLIAM E. QUARTERMAN Date 9-12-62
Address 6541 DENTON RD. P. O. (or zone) BELLEVILLE, MICHIGAN

to perform the work checked below in accordance with the regulations of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Install a Septic Tank.....
- Construct a Septic Tank.....
- Construct a Tile Field.....
- Construct a Tile Field & Underdrain..

on the premises located at 7110 DENTON
 between ECORSE (No.) and RAILROAD (Street)
 Lot No. --- Subdivision VAN BUREN
 Township, Village, City

Owner WILLIAM E. QUARTERMAN

SPECIAL CONDITIONS:

Authorized Signature H.E. Houghton
 Title SANITARIAN
 Installation Approved Adfield 9-10-62
 (Inspector) (Date)

This Permit expires 1 year from above date.

WCH-38 - 5M Sets - 12840 - 10-56.

C 32747

Phone: Parkway 1-0200
Phone: CR 4-2800

WAYNE COUNTY DEPARTMENT OF HEALTH No 33625

Permit to Install or Construct Sewage Disposal System

Permission is hereby granted to: BREVIN L. OLIVE Date 10-25-66
Address 922 Congress St P. O. (or zone) _____

to perform the work checked below in accordance with the regulations of the Division of Engineering and Sanitation of the Wayne County Department of Health.

- Install a Septic Tank.....750 gal
- Construct a Septic Tank.....
- Construct a Tile Field.....300 ft
- Construct a Tile Field & Underdrain..

on the premises located at 7160 Denton
 between ECORSE RD. (No.) and MICHIGAN (Street)
 Lot No. 7160 Subdivision VAN BUREN
 Township, Village, City

Owner Same

SPECIAL CONDITIONS:

Authorized Signature John Miller
 Title Sanitarian
 Installation Approved Adfield 11-27-67
 (Inspector) (Date)

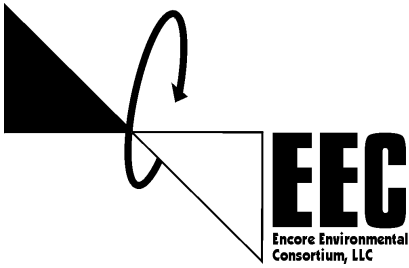
This Permit expires 1 year from above date.

WCH-38 - 1M Sets - 7-63.

KEEP POSTED UNTIL INSPECTED

750 gal tank
300 ft of tile
Keep tile field
High.

7110



Documentation of Communication

Date February 7, 2007
Time 10:30 EDT
Type of Communication Phone

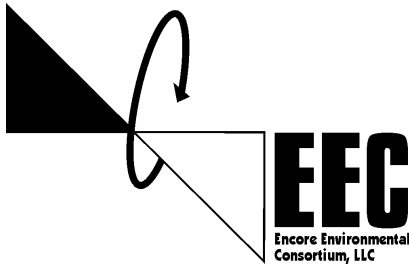
EEC Representative Joe Kotwicki
Source of Communication (Organization) Van Buren Township Water and Sewer Department
Source / Organization Representative
Contact
Contact Phone # (734) 699-8900 Phone

Specific Subject Matter:

EEC contacted the Van Buren Township Water and Sewer Department to inquire about when water and sewer services were installed in the area of the Site. A representative of the Van Buren Township Water and Sewer Department indicated that sanitary sewer services are not provided to the Site and surrounding properties along Denton Road. The representative further indicated that township water was not provided in the area of the Site until approximately 1962.

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Documentation of Communication

Date August 2002
Time 13:00 EDT
Type of Communication Office Visit

EEC Representative Brad Saunders
Source of Communication (Organization) Van Buren Township
46425 Tyler Road
Van Buren Twp., MI 48111
Source / Organization Representative
Contact
Contact Telephone # Phone (734) 699-8900
Contact Fax #

Specific Subject Matter:

- EEC visited the Van Buren Township Office and obtained the following information:
 - Assessing Department
 - Parcel identification cards for the former onsite structures (described in Section 2.2.1 and included in Appendix E).
 - Development Department
 - Van Buren Township Zoning Map; March 2002.
 - Zoning Ordinance, Section 4.45.E – Woodland and Tree Preservation; December 1999.
 - Water and Sewer Department
 - Van Buren Township Sanitary Sewer System Map
 - Van Buren Township Water Distribution Map
 - Van Buren Township Drainage Map; 1958.
 - Environmental Department
 - Regulated Woodlands Map

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Privileged and Confidential, Prepared at the Request of Counsel

APPENDIX C

Photographs



Photograph 1. View of former residence located on the eastern portion of the Site, along Denton Road.



Photograph 2. View of the northern boundary of the Site along the Penn Central Railroad, facing west-southwest.



Photograph 3. View of a polyvinyl chloride discharge pipe located along the western boundary of the Site, adjacent to the General Motors SPO facility.



Photograph 4. View of the Old Smith Drain located on the southern portion of the Site, facing east.



Photograph 5. View of debris including two refrigerators located in the western portion of the Site.



Photograph 6. View of an empty 30-gallon drum located in the western portion of the Site.



Photograph 7. View of one empty approximate 300-gallon AST and one empty approximate 500-gallon AST located in the eastern portion of the Site.



Photograph 8. View of an empty approximate 300-gallon AST located in the eastern portion of the Site.



Photograph 9. View of debris located in the western portion of the Site.



Photograph 10. View of a pole-mounted transformer located in the southeastern portion of the Site.



Photograph 11. View of a pole-mounted transformer located in the eastern portion of the Site.



Photograph 12. View of a hunting tree stand located in the northeastern portion of the Site.

APPENDIX D

Environmental Database Report



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Parcel C - 75.69 Acres
NWC Ecorse & Denton Road
Van Buren Township, MI 48111**

Inquiry Number: 1839753.2s

January 19, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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Detail Map	3
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Orphan Summary	12
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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
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Physical Setting Source Records Searched	A-30

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

NWC ECORSE & DENTON ROAD
VAN BUREN TOWNSHIP, MI 48111

COORDINATES

Latitude (North): 42.251400 - 42° 15' 5.0"
Longitude (West): 83.526600 - 83° 31' 35.8"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 291566.3
UTM Y (Meters): 4680566.5
Elevation: 705 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-C5 DENTON, MI
Most Recent Revision: 1980

South Map: 42083-B5 YPSILANTI EAST, MI
Most Recent Revision: 1980

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 search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
RADINFO	Radiation Information Database
CDL	Clandestine Drug Labs
LUCIS	Land Use Control Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	Contaminated Sites
DEL SHWS	Delisted List of Contaminated Sites
SWF/LF	Solid Waste Facilities Database
PEAS	Pollution Emergency Alerting System
AUL	Engineering and Institutional Controls
DRYCLEANERS	Drycleaning Establishments
BROWNFIELDS	Brownfields and USTfield Site Database
NPDES	List of Active NPDES Permits
AIRS	Permit and Emissions Inventory Data
BEA	BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG 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>GENERAL MOTORS CORPORATION</i>	<i>50000 ECORSE RD</i>	<i>1/4 - 1/2 SSW</i>	<i>A2</i>	<i>6</i>

STATE AND LOCAL RECORDS

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

A review of the HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there is 1 HIST LF site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VAN LANDFILL	50700 ECORSE RD	1/2 - 1 WSW	5	9

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

A review of the LUST list, as provided by EDR, and dated 12/13/2006 has revealed that there is 1 LUST site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GM WAREHOUSING & DISTRIBUTIO Facility Status: Open	50000 ECORSE RD	1/4 - 1/2 SSW	A4	9

EXECUTIVE SUMMARY

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

A review of the UST list, as provided by EDR, and dated 12/13/2006 has revealed that there is 1 UST 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>
GM WAREHOUSING & DISTRIBUTIO	50000 ECORSE RD	1/4 - 1/2SSW	A3	8

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

A review of the AST list, as provided by EDR, and dated 12/13/2006 has revealed that there is 1 AST site within approximately 0.5 miles of the target property.

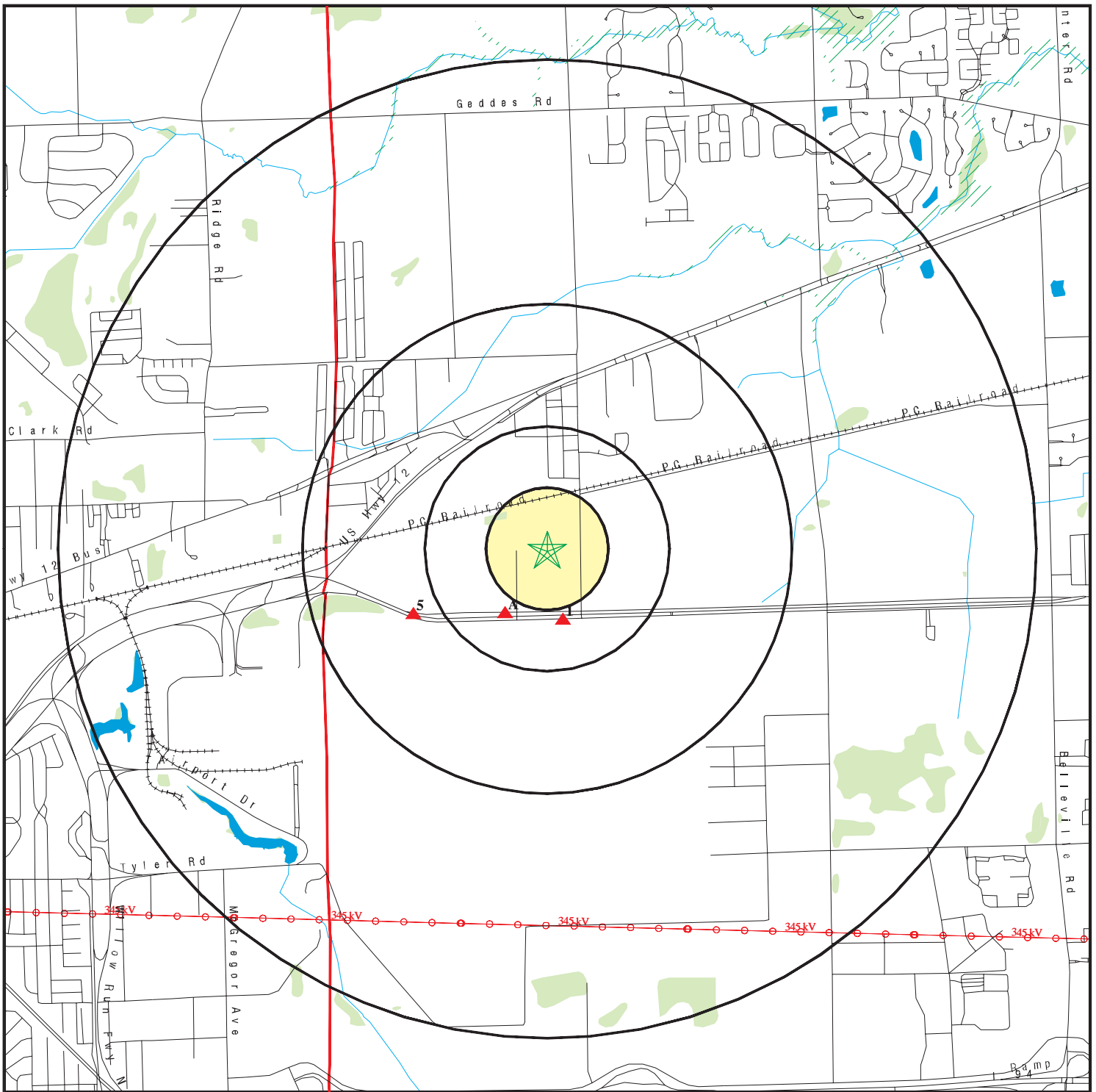
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JOHNSON CONTROLS HANGAR	49541 ECORSE RD	1/4 - 1/2SSE	1	6

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
MONTIE PROPERTY BEMIS ROAD	SHWS
CARELTON WEST RD BARREL DUMP	SHWS, DEL SHWS
PETERSON PROPERTY LANDFILL	SHWS
DETROIT EDISON SUPERIOR SUBSTN	SHWS
WILLOW RUN AIRPORT	SHWS, PEAS
VAN BUREN TOWNSHIP DRUMS	CERCLIS, FINDS
VAN BUREN DEVELOPMENT COMPANY LANDFILL	CERC-NFRAP
OTTAWA LAKE - QXK RMLK	UST
SYNERGY GROUP INC	RCRA-SQG
NORFOLK SOUTHERN CORP PARCEL 279A	RCRA-SQG, FINDS
FIRST ENERGY CORPORATION - SUMPTER PLANT	FINDS
8.69 ACRE PARCEL	BEA
SHOOTING RANGE (FORMER)	BEA

OVERVIEW MAP - 1839753.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

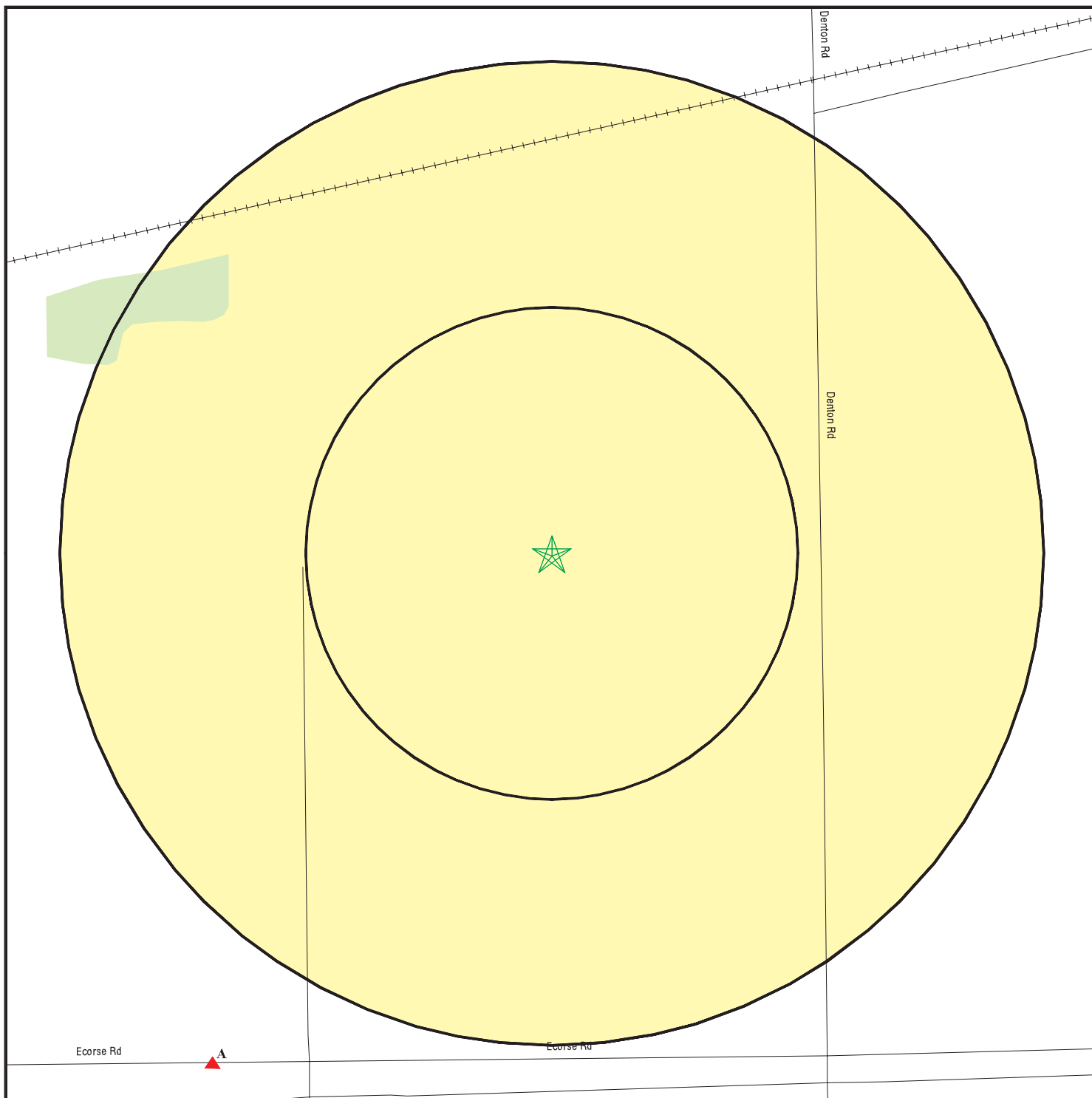
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands



SITE NAME: Parcel C - 75.69 Acres
ADDRESS: NWC Ecorse & Denton Road
 Van Buren Township MI 48111
LAT/LONG: 42.2514 / 83.5266

CLIENT: Encore Environmental Consortiu
CONTACT: Lauren Alkidas
INQUIRY #: 1839753.2s
DATE: January 19, 2007 6:21 pm

DETAIL MAP - 1839753.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- 0 1/16 1/8 1/4 Miles
- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

SITE NAME: Parcel C - 75.69 Acres
ADDRESS: NWC Ecorse & Denton Road
 Van Buren Township MI 48111
LAT/LONG: 42.2514 / 83.5266

CLIENT: Encore Environmental Consortiu
CONTACT: Lauren Alkidas
INQUIRY #: 1839753.2s
DATE: January 19, 2007 6:22 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 RECORDS</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
NPL RECOVERY		0.250	0	0	NR	NR	NR	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA TSD		0.750	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	0	1	NR	NR	1
ERNS		0.250	0	0	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.750	0	0	0	0	NR	0
US INST CONTROL		0.750	0	0	0	0	NR	0
DOD		1.250	0	0	0	0	0	0
FUDS		1.250	0	0	0	0	0	0
US BROWNFIELDS		0.750	0	0	0	0	NR	0
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
UMTRA		0.750	0	0	0	0	NR	0
ODI		0.750	0	0	0	0	NR	0
TRIS		0.250	0	0	NR	NR	NR	0
TSCA		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	0	NR	NR	NR	0
SSTS		0.250	0	0	NR	NR	NR	0
ICIS		0.250	0	0	NR	NR	NR	0
RADINFO		0.250	0	0	NR	NR	NR	0
CDL		0.250	0	0	NR	NR	NR	0
LUCIS		0.750	0	0	0	0	NR	0
PADS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS		0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.250	0	0	0	0	0	0
DEL SHWS		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
HIST LF		0.750	0	0	0	1	NR	1
LUST		0.750	0	0	1	0	NR	1
UST		0.500	0	0	1	NR	NR	1
AST		0.500	0	0	1	NR	NR	1
PEAS		0.250	0	0	NR	NR	NR	0
AUL		0.750	0	0	0	0	NR	0
DRYCLEANERS		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
NPDES		0.250	0	0	NR	NR	NR	0
AIRS		0.250	0	0	NR	NR	NR	0
BEA		0.750	0	0	0	0	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.250	0	0	0	0	0	0
INDIAN LUST		0.750	0	0	0	0	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.250	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **JOHNSON CONTROLS HANGAR**
SSE **49541 ECORSE RD**
1/4-1/2 **BELLEVILLE, MI 48111**
1541 ft.

AST **U003834827**
N/A

Relative:
Equal

AST:

Actual:
705 ft.

Type: ACTIVE
 Owner Name: Johnson Controls Hangar
 Owner Address: 49541 Ecorse Rd
 Owner City,St,Zip: Belleville, MI 48111-5120
 Owner County: USA
 Owner Contact: Not reported
 Owner Telephone: () -
 Facility ID: 91082582
 District: SE Michigan District Office
 Contact: JIM BUSH
 Facility Phone: 734-254-7007
 Tank ID: 1
 Tank Status: Removed from Premises
 Capacity: 12000
 Install Date: Jul 10 1996
 Content: FL/CL
 Close Date: Jan 17 2001

Type: ACTIVE
 Owner Name: Johnson Controls Hangar
 Owner Address: 49541 Ecorse Rd
 Owner City,St,Zip: Belleville, MI 48111-5120
 Owner County: USA
 Owner Contact: Not reported
 Owner Telephone: () -
 Facility ID: 91082582
 District: SE Michigan District Office
 Contact: JIM BUSH
 Facility Phone: 734-254-7007
 Tank ID: 2
 Tank Status: Currently In Use
 Capacity: 25000
 Install Date: Jan 17 2001
 Content: Gasoline
 Close Date: Not reported

A2 **GENERAL MOTORS CORPORATION**
SSW **50000 ECORSE RD**
1/4-1/2 **BELLEVILLE, MI 48111**
1641 ft.

RCRA-SQG **1000136471**
FINDS **MID000718536**
NY MANIFEST

Site 1 of 3 in cluster A

Relative:
Higher

Actual:
709 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION (Continued)

1000136471

RCRAInfo:
Owner: GMC WHSG & DISTRIBUTION DIV FLINT
EPA ID: MID000718536
Contact: DAVID PHETTEPLACE
(734) 481-3550
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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

NY MANIFEST:
Document ID: NYG1049031
Manifest Status: Not reported
Trans1 State ID: MOD095038998
Trans2 State ID: Not reported
Generator Ship Date: 05/17/1999
Trans1 Recv Date: 05/18/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/19/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID000718536
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00075
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99
Facility Type: Generator
EPA ID: MID000718536
Facility Name: GMC-SPO WAREHOUSE & DISTRIBUTION
Facility Address: 50000 ECORSE RD
Facility City: WILLOW RUN
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: GM-SPO WAREHOUSE & DISTRIBUTION
Mailing Contact: DAN WILKINSON

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL MOTORS CORPORATION (Continued)

1000136471

Mailing Address: 50000 ECORSE RD
Mailing City: WILLOW RUN
Mailing State: MI
Mailing Zip: 48111
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 734-481-3550

A3
SSW
1/4-1/2
1641 ft.

GM WAREHOUSING & DISTRIBUTION

UST U003867718
N/A

50000 ECORSE RD
BELLEVILLE, MI 48111

Site 2 of 3 in cluster A

Relative:
Higher

UST:
Owner Name: GM Warehousing & Distribution
Owner Address: 5000 Ecorse Rd
Owner City,St,Zip: Belleville, MI 48111
Owner Country: USA
Owner Contact: D Grammer
Owner Phone: (810) 635-6349
Facility ID: 00019444
Contact: David E Phetteplace
Contact Phone: (734) 481-3550
Tank ID: 1
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 30 1971
Product: Gasoline
Remove Date: Aug 19 1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Actual:
709 ft.

Owner Name: GM Warehousing & Distribution
Owner Address: 5000 Ecorse Rd
Owner City,St,Zip: Belleville, MI 48111
Owner Country: USA
Owner Contact: D Grammer
Owner Phone: (810) 635-6349
Facility ID: 00019444
Contact: David E Phetteplace
Contact Phone: (734) 481-3550
Tank ID: 3
Tank Status: Removed from Ground
Capacity: 500
Install Date: Aug 1 1991
Product: Gasoline
Remove Date: Sep 22 2004
Tank Release Detection: Interstitial Monitoring Double Walled Tank, Inter Monitoring/Second Containment
Pipe Realease Detection: Interstitial Monitoring Double Walled Piping, Interstitial Monitoring/Second Containment
Piping Material: Fiberglass Reinforced Plastic, Double Walled
Piping Type: Suction: No Valve At Tank
Constr Material: Cathodically Protected Steel, Double Walled

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GM WAREHOUSING & DISTRIBUTION (Continued)

U003867718

Impressed Device: No

Owner Name: GM Warehousing & Distribution
 Owner Address: 5000 Ecorse Rd
 Owner City,St,Zip: Belleville, MI 48111
 Owner Country: USA
 Owner Contact: D Grammer
 Owner Phone: (810) 635-6349
 Facility ID: 00019444
 Contact: David E Phetteplace
 Contact Phone: (734) 481-3550
 Tank ID: 2
Tank Status: Removed from Ground
 Capacity: 1500
 Install Date: Apr 30 1971
 Product: USED GREASE
 Remove Date: Oct 1 1986
 Tank Release Detection: Not reported
 Pipe Realease Detection: Not reported
 Piping Material: Fiberglass reinforced plastic
 Piping Type: Not reported
 Constr Material: Unknown
 Impressed Device: No

**A4
 SSW
 1/4-1/2
 1641 ft.**

**GM WAREHOUSING & DISTRIBUTION
 50000 ECORSE RD
 BELLEVILLE, MI 48111**

**LUST S105213653
 N/A**

Site 3 of 3 in cluster A

**Relative:
 Higher**

LUST:

**Actual:
 709 ft.**

Facility Status: Open
 Facility ID: 00019444
 Owner Name: GM Warehousing & Distribution
 Owner Address: 5000 Ecorse Rd
 Owner City,St,Zip: Belleville, MI 48111
 Country: USA
 Owner Contact: D Grammer
 Owner Phone: (810) 635-6349
 District: SE Michigan District Office
 Leak Number: C-1692-91
 Release Date: Aug 19 1991
 Site Name: GM Service Parts Operation
 Substance Released: Unknown
 Closed Date: Not reported

**5
 WSW
 1/2-1
 3204 ft.**

**VAN LANDFILL
 50700 ECORSE RD
 BELLEVILLE, MI 48111**

**HIST LF S100070337
 N/A**

**Relative:
 Higher**

Historical LF:

**Actual:
 714 ft.**

Facility ID: 82000056
 Status: INACTIVE
 Contact: Not reported
 Facility Phone: Not reported
 Facility Fax: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VAN LANDFILL (Continued)

S100070337

Facility Type: Not reported
Facility Email: Not reported
Facility is Open: Not reported
Facility Type: Landfill Type II
Facility Contact: Not reported
County Code: 82
Facility Number: 000056
Staff: Not reported
Active: No
Permit Date: Not reported
Permit Number: Not reported
License Date: / /
License No: Not reported
No Waste: Not reported
Enforcement: Not reported
Exp Letters: Not reported
Operator Name: Not reported
Operator Contact: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Telephone: Not reported
Operator Fax: Not reported
Operator Email: Not reported
Owner Name: VAN BUREN DEVELOPMENT
Owner Contact: Not reported
Attention: Not reported
Owner Address: 50700 ECORSE
Owner City,St,Zip: BELLEVILLE, MI 48111
Owner Telephone: Not reported
Owner Fax: Not reported
Owner Email: Not reported
District: S.E. Michigan
Section: 06
Permit Applicant: Not reported
Permit Applicant Contact: MICHAEL FERRANTINO
Permit Applicant Address: 147 KINGSBURY
Permit Applicant City,St,Zip: DEARBORN, MI 48128
Permit Applicant Phone: Not reported
Application Type: Private
Liner Information: Not reported
Nature of Wastes Allowed: Not reported
Township: Not reported
Section Number: Not reported
Township Section: Not reported
District: Not reported
Business Type: Not reported
County Description: Not reported
County 2 Description: Not reported
Liner Type: Not reported
Reported Date: Not reported
Amount: 0.00
Financial Instrument: Not reported
Fund Type: Not reported
Issued Date: Not reported
Expires: Not reported
Expiry: Not reported
Licensed: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VAN LANDFILL (Continued)

S100070337

Comments: Not reported
Date of Expiry of Current License: Not reported
Acreage Currently Licensed: 0.000
Acres Certified Closed: 0.000
Issue of 1st Construction Permit Date: Not reported
Acres Given in 1st Construction Permit: 0.000
Issue of 2nd Construction Permit Date: Not reported
Acres Given in 2nd Construction Permit: 0.000
Issue of 3rd Construction Permit Date: Not reported
Acres Given in 3rd Construction Permit: 0.000
Restrictive Deed Covenant Filed: Not reported
Perpetual Care Fund Type: Not reported
Perpetual Care Fund Signed: Not reported
Perpetual Care Fund Agreement Signed: Not reported
Groundwater Monitoring System Exists: Not reported
Date landill Certified Closed: Not reported
Received Waste on or After Oct. 9, 1991: Not reported
Site Monitorable Under Definition of New Rules:Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BELLEVILLE	1008403621	SYNERGY GROUP INC	T 03S R 08E SEC 1 VAN BUREN TW	48111	RCRA-SQG
BELLEVILLE	S103594587	MONTIE PROPERTY BEMIS ROAD	14151 BEMIS ROAD	48111	SHWS
BELLEVILLE	S105144780	CARELTON WEST RD BARREL DUMP	23285 CARLETON W RD	48111	SHWS, DEL SHWS
BELLEVILLE	1001220058	NORFOLK SOUTHERN CORP PARCEL 279A	MARTINSVILLE AND SAVAAGE RD NE	48111	RCRA-SQG, FINDS
NULL	S105144838	PETERSON PROPERTY LANDFILL	ECORSE RD.	48111	SHWS
OTTAWA LAKE	U003102250	OTTAWA LAKE - QXK RMLK	8020 BECK CONSEAR RD	48111	UST
SUMPTER TWP	1007467603	FIRST ENERGY CORPORATION - SUMPTER PLANT	RAWSONVILLE ROAD AT NORFOLK & WESTERN RR	48111	FINDS
VAN BUREN TOWNSHIP	1001230577	VAN BUREN TOWNSHIP DRUMS	4500 BLOCK OF HURON RIVER DRIVE	48111	CERCLIS, FINDS
VAN BUREN TOWNSHIP	1003872652	VAN BUREN DEVELOPMENT COMPANY LANDFILL	5070 ECORSE ROAD	48111	CERC-NFRAP
VAN BUREN TOWNSHIP	S107031707	8.69 ACRE PARCEL	W OF BELLEVILLE		BEA
VAN BUREN TOWNSHIP	S107031691	SHOOTING RANGE (FORMER)	SOUTH OF VAN BORN		BEA
YPSILANTI	S105144766	DETROIT EDISON SUPERIOR SUBSTN	6000 FIRST STREET	48198	SHWS
YPSILANTI	S103411770		WILLOW RUN AIRPORT	48198	SHWS, PEAS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 08/09/2006	Source: EPA
Date Data Arrived at EDR: 09/21/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 10/11/2006	Telephone: 800-424-9346
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 01/10/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/17/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/10/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 01/08/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 11/03/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/03/2006	Telephone: 202-343-9775
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/24/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

PADS: PCB Activity Database System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 11/27/2006
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 01/19/2007
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Contaminated Sites

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

Date of Government Version: 11/20/2006
Date Data Arrived at EDR: 11/22/2006
Date Made Active in Reports: 01/08/2007
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/22/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

DEL SHWS: Delisted List of Contaminated Sites

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

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/08/2007
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/20/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/22/2006
Date Made Active in Reports: 01/08/2007
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 11/06/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Semi-Annually

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 12/13/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/17/2007
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/13/2006
Date Data Arrived at EDR: 12/13/2006
Date Made Active in Reports: 01/17/2007
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/13/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/17/2007
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: No Update Planned

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 10/25/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 06/30/2006
Date Data Arrived at EDR: 06/30/2006
Date Made Active in Reports: 08/09/2006
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 11/16/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/17/2007
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/22/2006
Date Made Active in Reports: 01/08/2007
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 11/20/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Varies

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

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/17/2007
Number of Days to Update: 33

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

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

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006	Source: EPA Region 6
Date Data Arrived at EDR: 08/29/2006	Telephone: 214-665-7591
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL RECORDS

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/10/2006
Number of Days to Update: 339	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: N/A

WETLANDS: National Wetlands Inventory

For regulatory purposes under the Clean Water Act, the term wetlands means "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas." This data is available for select counties across the country.

Date of Government Version: 01/01/2004	Source: U.S. Geological Survey
Date Data Arrived at EDR: 07/20/2004	Telephone: 888-275-8747
Date Made Active in Reports: 03/17/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 605	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 11/01/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/13/2006	Telephone: N/A
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/04/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 10/26/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2006	Telephone: 518-402-8651
Date Made Active in Reports: 01/05/2007	Last EDR Contact: 11/29/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

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

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PARCEL C - 75.69 ACRES
NWC ECORSE & DENTON ROAD
VAN BUREN TOWNSHIP, MI 48111

TARGET PROPERTY COORDINATES

Latitude (North): 42.25140 - 42° 15' 5.0"
Longitude (West): 83.5266 - 83° 31' 35.8"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 291566.3
UTM Y (Meters): 4680566.5
Elevation: 705 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 42083-C5 DENTON, MI
Most Recent Revision: 1980

South Map: 42083-B5 YPSILANTI EAST, MI
Most Recent Revision: 1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

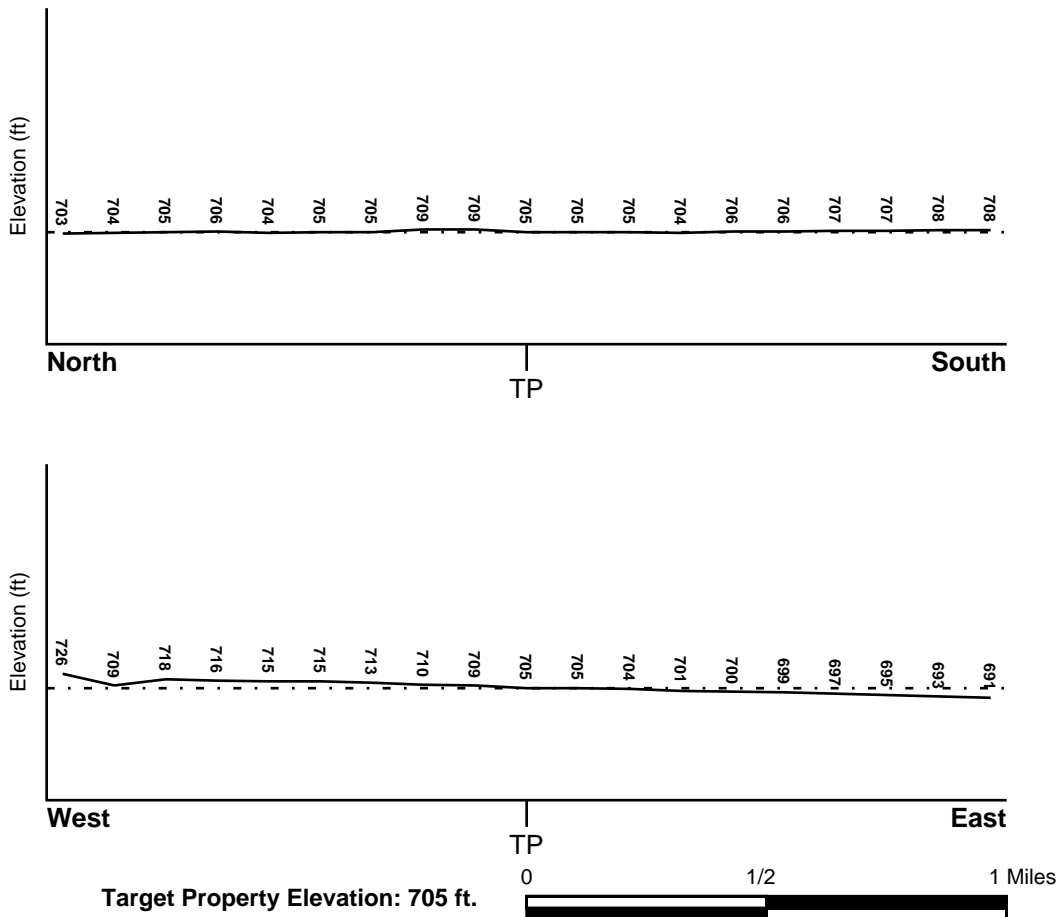
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> WAYNE, MI	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0000000000
Additional Panels in search area:	2602190011B 2602190010B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> DENTON	<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.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Devonian
Series: Upper Devonian
Code: D3 (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).

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: GRANBY
Soil Surface Texture: loamy sand
Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.
Soil Drainage Class: Not reported
Hydric Status: Soil meets the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: HIGH
Depth to Bedrock Min: > 60 inches
Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
2	10 inches	32 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 5.60
3	32 inches	60 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 8.40 Min: 6.60

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: sandy loam
loamy fine sand
fine sand
muck

Surficial Soil Types: sandy loam
loamy fine sand
fine sand
muck

Shallow Soil Types: sand
loamy sand

Deeper Soil Types: sand
very fine sand
stratified
clay loam
marl

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

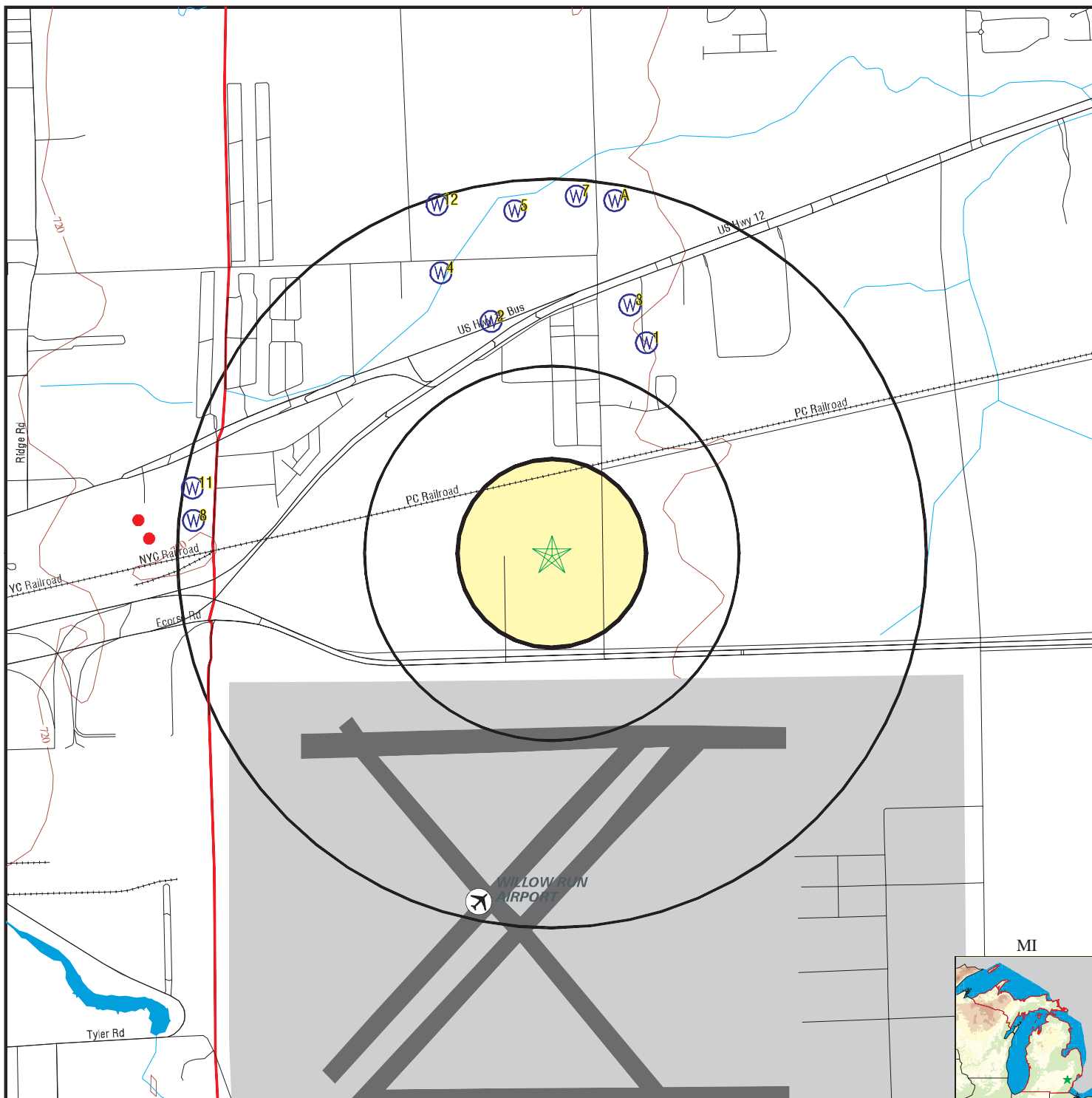
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MI20324188	1/2 - 1 Mile NNE
2	MI20324410	1/2 - 1 Mile NNW
3	MI20324378	1/2 - 1 Mile NNE
4	MI20324189	1/2 - 1 Mile NNW
5	MI20324149	1/2 - 1 Mile North
A6	MI20324160	1/2 - 1 Mile North
7	MI20324146	1/2 - 1 Mile North
8	MI20317930	1/2 - 1 Mile West
A9	MI20324155	1/2 - 1 Mile North
A10	MI20324159	1/2 - 1 Mile North
11	MI20317931	1/2 - 1 Mile West
12	MI20324148	1/2 - 1 Mile NNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>DISTANCE FROM TP (Miles)</u>	<u>DISTANCE FROM TP (Miles)</u>
1 - 2 Miles West	1 - 2 Miles West

PHYSICAL SETTING SOURCE MAP - 1839753.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



<p>SITE NAME: Parcel C - 75.69 Acres ADDRESS: NWC Ecorse & Denton Road Van Buren Township MI 48111 LAT/LONG: 42.2514 / 83.5266</p>	<p>CLIENT: Encore Environmental Consortiu CONTACT: Lauren Alkidas INQUIRY #: 1839753.2s DATE: January 19, 2007 6:22 pm</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NNE **MI WELLS** **MI20324188**
1/2 - 1 Mile
Lower

Wellid:	82000001335	Import id:	82737805001
County:	Wayne	Township:	Van Buren
Town range:	03S 08E	Section:	5
Owner name:	ENGINEERED HOUSING CONC	Well name:	6185 HANCOCK RD.
Well depth:	99		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1991-10-22 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	95		
Screen frm:	95		
Screen to:	99		
Swl:	4		
Test depth:	4		
Test hours:	2		
Test rate:	24	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2595436951		
Longitude:	-83.5216597149		
Methd coll:	I1		
Elevation:	701		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	2
Elev miv:	701	Aq code:	D
Aq flag:	Not Reported	Pct aq:	17
Pct aq d:	17	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	83
Pct cm d:	83	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	13	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	95	A pct aq2:	14
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	86	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	20
Pct maq 1:	0	Pct cm 1:	80
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	95		
Hcond2:	13.6843		
Vcond2:	.00012		
T2:	1300.0082		
D50plek:	211.91367		

2
NNW
1/2 - 1 Mile
Higher

MI WELLS MI20324410

Wellid:	82000001742	Import id:	Not Reported
County:	Wayne	Township:	Van Buren
Town range:	03S 08E	Section:	6
Owner name:	ANNETTE SWEENEY	Well addr:	49890 MICHIGAN AVENUE
Well depth:	98		
Well type:	HOSHL D		
Wssn:	0		
Well num:	Not Reported	Driller id:	2197
Const date:	2000-11-08 00:00:00.000	Case type:	PVCPLA
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	93		
Screen frm:	0		
Screen to:	0		
Swl:	8		
Test depth:	60		
Test hours:	2		
Test rate:	10	Test methd:	AIR
Grout:	1	Pmp cpcity:	7
Latitude:	42.26036868		
Longitude:	-83.52975309		
Methd coll:	A1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	705	Elev dif:	705
Elev miv:	705	Aq code:	R
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	11	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	77
Pct cm d:	75	Pct cm r:	100
Pct pcm:	11	Pct pcm d:	12
Pct pcm r:	0	Pct na:	2
Pct na d:	2	Pct na r:	0
Pct flag:	Not Reported	Rock top:	91
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	40
Pct pcm 1:	0	Pct na 1:	10
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	90
Pct pcm 3:	10	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	80	Pct pcm 4:	20
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Hcond2:	.00024		
Vcond2:	.00012		
T2:	.017		
D50plek:	.00507		

3

NNE
1/2 - 1 Mile
Lower

MI WELLS MI20324378

Wellid:	82000001697	Import id:	Not Reported
County:	Wayne	Township:	Van Buren
Town range:	03S 08E	Section:	5
Owner name:	Kulwinder Singh	Well addr:	6144 Hancock
Well depth:	101		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1607
Const date:	1999-09-24 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	91		
Screen frm:	91		
Screen to:	101		
Swl:	5		
Test depth:	100		
Test hours:	1		
Test rate:	50	Test methd:	AIR
Grout:	1	Pmp cpcity:	10
Latitude:	42.26100655		
Longitude:	-83.52252602		
Methd coll:	I1		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	3	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	699
Elev miv:	699	Aq code:	D
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	10	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	90

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	90	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	96	A pct aq2:	10
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	90	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	45
Pct maq 5:	0	Pct cm 5:	55
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	96		
Hcond2:	31.25009		
Vcond2:	.00011		
T2:	3000.0086		
D50plek:	473.36754		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4
NNW
1/2 - 1 Mile
Higher

MI WELLS MI20324189

Wellid:	82000001336	Import id:	82737806001
County:	Wayne	Township:	Van Buren
Town range:	03S 08E	Section:	6
Owner name:	DON ADDINGTON	Well addr:	50323 MOTT RD.
Well depth:	92		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1586
Const date:	1983-08-31 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	92		
Screen frm:	86		
Screen to:	90		
Swl:	30		
Test depth:	50		
Test hours:	2		
Test rate:	9	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2622493284		
Longitude:	-83.5323625215		
Methd coll:	I1		
Elevation:	706		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	705	Elev dif:	1
Elev miv:	706	Aq code:	D
Aq flag:	Not Reported	Pct aq:	17
Pct aq d:	17	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	80
Pct cm d:	80	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	2
Pct na d:	2	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	5	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	60	A pct aq2:	8
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	92	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	35
Pct pcm 1:	0	Pct na 1:	10

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	60		
Hcond2:	4.16676		
Vcond2:	.00011		
T2:	250.0055		
D50plek:	28.18138		

**5
North
1/2 - 1 Mile
Higher**

MI WELLS MI20324149

Wellid:	82000001181	Import id:	82727831017
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	31
Owner name:	MR. CHRIST	Well addr:	49850 MOTT RD
Well depth:	83		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1967-07-17 00:00:00.000	Case type:	*U
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	83		
Screen frm:	79		
Screen to:	83		
Swl:	999.99		
Test depth:	75		
Test hours:	2		
Test rate:	6	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2646507237		
Longitude:	-83.5285164642		
Methd coll:	I1		
Elevation:	706		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	2
Elev dem:	702	Elev dif:	4
Elev miv:	706	Aq code:	D
Aq flag:	Not Reported	Pct aq:	14
Pct aq d:	14	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	83
Pct cm d:	83	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	2
Pct na d:	2	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	60
Pct pcm 1:	0	Pct na 1:	10
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	15	Pct maq 4:	0
Pct cm 4:	85	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

**A6
North
1/2 - 1 Mile
Lower**

MI WELLS MI20324160

Wellid:	82000001193	Import id:	82727832011
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	32
Owner name:	BARB BURNETT	Well addr:	5605 DENTON RD.
Well depth:	73		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	2072
Const date:	1994-05-01 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	68		
Screen frm:	68		
Screen to:	73		
Swl:	25		
Test depth:	73		
Test hours:	2		
Test rate:	5	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2646493216		
Longitude:	-83.5233963853		
Methd coll:	I1		
Elevation:	702		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	3
Elev miv:	702	Aq code:	D
Aq flag:	S	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	97

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	95	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	93
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	2	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	48	A pct aq2:	4
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	96	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Clay
A sc lmod1:	Not Reported	A sc lmaq1:	CM
A sc lpct1:	60	A sc lith2:	Sand
A sc lmod2:	Not Reported	A sc lmaq2:	AQ
A sc lpct2:	40	Pct aq 1:	10
Pct maq 1:	0	Pct cm 1:	90
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	10	Pct maq 4:	0
Pct cm 4:	90	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	48		
Hcond2:	2.08343		
Vcond2:	.0001		
T2:	100.0046		
D50plek:	9.52035		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

7
North
1/2 - 1 Mile
Lower

MI WELLS MI20324146

Wellid:	82000001178	Import id:	82727831014
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	31
Owner name:	EZRA BECHTEL	Well addr:	5520 DENTON RD
Well depth:	88		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1988-06-09 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	84		
Screen frm:	84		
Screen to:	88		
Swl:	60		
Test depth:	80		
Test hours:	2		
Test rate:	15	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.265216809		
Longitude:	-83.5253178545		
Methd coll:	I1		
Elevation:	702		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	3
Elev miv:	702	Aq code:	D
Aq flag:	Not Reported	Pct aq:	13
Pct aq d:	13	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	88
Pct cm d:	88	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	28	A pct aq2:	25
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	75	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	20
Pct maq 1:	0	Pct cm 1:	80
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	28		
Hcond2:	25.00008		
Vcond2:	.00013		
T2:	700.0021		
D50plek:	34.76283		

8
West
1/2 - 1 Mile
Higher

MI WELLS MI20317930

Wellid:	81000007365	Import id:	81737701005
County:	Washtenaw	Township:	Ypsilanti
Town range:	03S 07E	Section:	1
Owner name:	MICHIGAN CONSOLIDATED GAS	Well addr:	Not Reported
Well depth:	20		
Well type:	*U		
Wssn:	0		
Well num:	Not Reported	Driller id:	1315
Const date:	1981-07-22 00:00:00.000	Case type:	*U
Case dia:	24		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	0		
Screen frm:	14		
Screen to:	20		
Swl:	999.99		
Test depth:	0		
Test hours:	24		
Test rate:	0	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2526689085		
Longitude:	-83.5452478118		
Methd coll:	I1		
Elevation:	723		
Elev methd:	T1	Depth flag:	2
Elev flag:	Not Reported	Swl flag:	2
Elev dem:	718	Elev dif:	5
Elev miv:	723	Aq code:	D
Aq flag:	Not Reported	Pct aq:	0
Pct aq d:	0	Pct aq r:	0
Pct maq:	25	Pct maq d:	25
Pct maq r:	0	Pct cm:	45
Pct cm d:	45	Pct cm r:	0
Pct pcm:	30	Pct pcm d:	30
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Clay
A sc lmod1:	Not Reported	A sc lmaq1:	CM
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	25	Pct cm 1:	45
Pct pcm 1:	30	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

**A9
North
1/2 - 1 Mile
Lower**

MI WELLS MI20324155

Wellid:	82000001188	Import id:	82727832006
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	32
Owner name:	MR. GREENWAY	Well addr:	5563 DENTON RD
Well depth:	90		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	1760
Const date:	1987-07-13 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	85		
Screen frm:	86		
Screen to:	90		
Swl:	30		
Test depth:	50		
Test hours:	2		
Test rate:	25	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.265212323		
Longitude:	-83.5232746428		
Methd coll:	I1		
Elevation:	702		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	3
Elev miv:	702	Aq code:	D
Aq flag:	Not Reported	Pct aq:	20
Pct aq d:	20	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	80

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	80	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	60	A pct aq2:	15
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	85	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	45
Pct maq 1:	0	Pct cm 1:	55
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	60		
Hcond2:	15.00008		
Vcond2:	.00012		
T2:	900.0051		
D50plek:	94.48508		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A10
North
1/2 - 1 Mile
Lower

MI WELLS MI20324159

Wellid:	82000001192	Import id:	82727832010
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	32
Owner name:	VIRGINIA NAPIER	Well addr:	5515 DENTON RD.
Well depth:	108		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1991-12-09 00:00:00.000	Case type:	PVCPLA
Case dia:	5		
Case depth:	88.5		
Screen frm:	0		
Screen to:	0		
Swl:	60		
Test depth:	80		
Test hours:	2		
Test rate:	7	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2652734653		
Longitude:	-83.5232634327		
Methd coll:	I1		
Elevation:	702		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	699	Elev dif:	3
Elev miv:	702	Aq code:	R
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	12	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	90
Pct cm d:	88	Pct cm r:	100
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	89
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	45
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Hcond2:	.0001		
Vcond2:	.0001		
T2:	.0069		
D50plek:	.00226		

**11
West
1/2 - 1 Mile
Higher**

MI WELLS MI20317931

Wellid:	81000007366	Import id:	81737701006
County:	Washtenaw	Township:	Ypsilanti
Town range:	03S 07E	Section:	1
Owner name:	MICHIGAN CONSOLIDATED GAS	Well addr:	Not Reported
Well depth:	18		
Well type:	INDUS		
Wssn:	0		
Well num:	Not Reported	Driller id:	1315
Const date:	1980-06-01 00:00:00.000	Case type:	*U
Case dia:	26		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	17		
Screen frm:	12		
Screen to:	20		
Swl:	4		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2539269121		
Longitude:	-83.5453067583		
Methd coll:	I1		
Elevation:	723		
Elev methd:	T1	Depth flag:	2
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	715	Elev dif:	8
Elev miv:	723	Aq code:	D
Aq flag:	Not Reported	Pct aq:	56
Pct aq d:	56	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	44
Pct cm d:	44	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	14	A pct aq2:	43
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	57	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Clay
A sc lmod1:	Not Reported	A sc lmaq1:	CM
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Hcond2:	0		
Vcond2:	0		
T2:	0		
D50plek:	0		

**12
NNW
1/2 - 1 Mile
Higher**

MI WELLS MI20324148

Wellid:	82000001180	Import id:	82727831016
County:	Wayne	Township:	Canton
Town range:	02S 08E	Section:	31
Owner name:	CHAS BULLOCK	Well addr:	5501 BARR RD
Well depth:	109		
Well type:	HOSHLD		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1980-10-16 00:00:00.000	Case type:	*U
Case dia:	4		
Case depth:	105		
Screen frm:	105		
Screen to:	109		
Swl:	3		
Test depth:	40		
Test hours:	2		
Test rate:	15	Test methd:	*U
Grout:	1	Pmp cpcity:	0
Latitude:	42.2648893631		
Longitude:	-83.5325621894		
Methd coll:	I1		
Elevation:	710		
Elev methd:	T1	Depth flag:	Not Reported
Elev flag:	Not Reported	Swl flag:	Not Reported
Elev dem:	708	Elev dif:	2
Elev miv:	710	Aq code:	D
Aq flag:	Not Reported	Pct aq:	39
Pct aq d:	39	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	61

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	61	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	28	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	106	A pct aq2:	37
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	63	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	70
Pct maq 1:	0	Pct cm 1:	30
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	95
Pct maq 5:	0	Pct cm 5:	5
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	106		
Hcond2:	23.58497		
Vcond2:	.00016		
T2:	2500.0067		
D50plek:	439.59981		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction _____ Database _____ EDR ID Number _____
 Distance _____

West
1 - 2 Miles

OIL_GAS 0000027824

API Well No:	21161266030000	County:	WASHTENAW
Permit No:	26603	Township:	YPSILANTI
Permit Date:	09/22/1966	N/S Direction:	S
Slant:	V	E/W Direction:	E
BH County:	WASHTENAW	10-acre Fraction:	W2
Tier:	3	160-acre Fraction:	SE
Range:	7	Well No:	1
Section:	1	Lease Name:	CAVERN, WILLOW
40-acre Fraction:	NE	Permitted Owner:	MICHIGAN CONSOLIDATED GAS CO
Lease Name:	CAVERN, WILLOW	Surface Owner:	Not Reported
Permitted Owner:	MICHIGAN CONSOLIDATED GAS CO	Elevation:	723
Surface Owner:	Not Reported	Depth:	2137
Elevation:	723	State Land:	NO
Formation:	SAL BS	Well type:	Dry Hole
Federal Land:	NO	Surface X Coord:	2212571.130
Well Status:	Plugging Approved	Bottom X Coord:	2212571.130
Surface Y Coord:	275409.650	MGR Surface X Coord:	702131.590
Bottom Y Coord:	275409.650	MGR Bottom X Coord:	702131.590
MGR Surface Y Coord:	192137.202		
MGR Bottom Y Coord:	192137.202		
Description:	Dry Hole		

West
1 - 2 Miles

OIL_GAS 0000000247

API Well No:	21161001428000	County:	WASHTENAW
Permit No:	142	Township:	YPSILANTI
Permit Date:	11/15/1966	N/S Direction:	S
Slant:	V	E/W Direction:	E
BH County:	WASHTENAW	10-acre Fraction:	SW
Tier:	3	160-acre Fraction:	SE
Range:	7	Well No:	1
Section:	1	Lease Name:	WILLOW BRINE DISPOSAL
40-acre Fraction:	NE	Permitted Owner:	MICHIGAN CONSOLIDATED GAS CO
Lease Name:	WILLOW BRINE DISPOSAL	Surface Owner:	Not Reported
Permitted Owner:	MICHIGAN CONSOLIDATED GAS CO	Elevation:	Not Reported
Surface Owner:	Not Reported	Depth:	Not Reported
Elevation:	Not Reported	State Land:	NO
Formation:	Not Reported	Well type:	Brine Disposal Well
Federal Land:	NO	Surface X Coord:	2212759.540
Well Status:	Plugging Approved	Bottom X Coord:	2212759.540
Surface Y Coord:	275183.220	MGR Surface X Coord:	702180.178
Bottom Y Coord:	275183.220	MGR Bottom X Coord:	702180.178
MGR Surface Y Coord:	192060.158		
MGR Bottom Y Coord:	192060.158		
Description:	Brine Disposal Well		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	48111	1	12/23/87	0.7	52.1%		
Random	48111	1	5/13/87	0.7	26.6%		
Random	48111	0	4/16/87	2.8	9.7%		
Geographic	48111	0	3/27/88	1.7	17.2%		
Geographic	48111	0	3/23/88	2.8	7.5%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
48111	<	0.30
48111		1.60
48111		0.60
48111	<	0.30
48111		1.10
48111		7.10
48111		2.00
48111		7.50
48111		2.50
48111		0.50
48111		0.60
48111		3.10
48111		0.40
48111		2.70

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: 48111

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Michigan Department of Natural Resources

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

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

STREET AND ADDRESS INFORMATION

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APPENDIX E

Historical Information

REAL ESTATE SUMMARY SHEET

Parcel: 82 83 023 99 0006 000 Owner's Name: WORLDWIDE REAL ESTATE

Property Address: BELLEVILLE RD-GM VACANT Map #:

Property Class: 301 School District: V125 VAN BUREN TOWNSHIP
Div. Class : 301 Neighborhood: 03009.INDUSTRIAL

Legal Description: Mailing Address:
Q1A Q2A Y2B 06B10 TO 14 PT OF THE SW MC482-C05-C82
1/4 AND SE 1/4 OF SEC 6 T3S R8E BEG AT 300 REN CENTER
E SE 1/4 OF SEC 6 TH S 89D 35M 29SEC W DETROIT MI 48265-3000
89.89 FT TH S 86D 20M 14SEC W 284.86
TH N 03D 39M 46SEC W 33.00 FT TH WLY
CONG A CURVE TO THE RIGHT RAD 2167.01
ARC 945.75 FT. TH N 68D 06M 01SEC W
36.64 FT TH N 40D 08M 29SEC E 1004.49
TH N 77D 35M 51SEC E 1953.64 FT. TH N
D 39M 30SEC E 1381.41 FT. TH S 0D 36M
SEC W 460.25 FT TH N 89D 39M 35SEC E
1.36 FT TH N 0D 03M 00SEC E 278.91 FT
N 89D 29M 30SEC E 713.73 FT TH S 00D
M 30SEC E 2103.10 FT POB ALSO LOTS 10
14 INCL SUPERVISORS VAN BUREN PLAT NO
1/4 PT OF THE E 1/2 OF SEC 6 T3S R8E
20.11 ACRES

Most Recent Permit Information

Permit 0000024047 on 07/08/2002 for \$0 category DEMOLITION.

Physical Property Characteristics

13 S.E.V.: Tentative Taxable: Tentative Land Value: Tentative
12 S.E.V.: 9,811,100 Taxable: 9,465,825 Acreage: 202.63
Zoning: M2 GEN Frontage: 0.0
Instead: 0.000% Land Impr. Value: Average Depth: 0.0

**SITE
STRUCTURES
ECORSE ROAD**

BUREAU OF TAXATION SECTION

TOWNSHIP Wayne EXAMINER 1-24-70 NO. 17150

DATE 1-24-70 OWNER'S ADDRESS 1-24-70

STREET 1-24-70 YEAR BUILT 1935 CONDITION C STORIES 1 1/2 CLASS 55

OWNER 1-24-70

LEGAL DESCRIPTION LOT 70 ASSESSMENT PARCEL 06417

COMPUTATIONS Sheet 22 of 20

LOT 70 ASSESSMENT PARCEL 06417 06610-14

LAND IMPROVEMENTS	ROOF	FOUNDATION	FLOORS	SQ. FT.	STY	RATE	EXTRAS OR DED.		COST	% GOOD	ASSESSED VAL.
							ITEM	AMT.			
SEWER	GABLE	POSTS	PLYSCORE	936	1/2	14.11	FILE	-350	13156		
WATER	HIP	CONC. BLOCK	HARDWOOD	39	1/4	9.42	LAV	1300	367		
SIDEWALK		BRICK	CONCRETE	20	REP	3.50			70		
PAVING		CONCRETE	TILE						13574	64	8700
GAS	ROOFING										
	WOOD SHGLE	HEAT	INT. FINISH								
	COMP. SHGLE	STOVE	PINE TRIM								
	COMPOSITION	HOT AIR GRAY.	HD. WD. TRIM								
	SLATE	STEAM OR H. W.	PLAST. WALLS								
		BASEBOARD	DRY WALL								
		FORCED AIR	PANELED ROOM								
	CONST.		NAT. FIREPLACE								
	WOOD FRAME	PLUMBING	UNFIN. ATTIC								
	BRICK	BATH ROOMS	UNFIN. 2ND FL.								
	STEEL FRAME	TILE FLOOR									
	RE. CONCRETE	TILE WALLS	GARAGE ATT DET								
	CONC. BLOCK	STALL SHOWER	SIZE								
		SHOWER NO TUB	OVER. HANG								
	BASEMENT	LAVATORY	COV. SLAB								
	NONE	TILE FLOOR	FRAME								
	PART	TILE WALL	CONC. BLOCK								
	FULL	EXTRA STOOL	BRICK VENEER								
	CONC. FL.	EXTRA BASIN	BRICK ON BLOCK								
	REC. ROOM		UNF. INTERIOR								
	PANELED	ROOMS	FIN. INTERIOR								
	ASP. TILE FL.	1ST FL. OR LEVEL									
		2ND FL. OR LEVEL									
		3RD FL. OR LEVEL									

TOTAL BLDG. ASSMT. 13574

PLAN OF BUILDING

LAND TOTAL

AREA COMP. _____ CHECKED _____ RATED _____ EXTENDED _____ CHECKED _____

FORM V-7

**SITE
STRUCTURES
DENTON ROAD**

BUILDING FIELD SHEET

BUREAU OF TAXATION
WAYNE COUNTY, MICHIGAN

CODE: 11726

06 b12 10-14

TOWNSHIP VAN BUREN SECTION 5E-6
 CITY 8-6-58 EXAMINER TK-CV NO. 6788
 OWNER DENTON
 OWNER'S ADDRESS _____
 YEAR BUILT 1912 CONDITION F STORIES 1 CLASS D+5

LEGAL DESCRIPTION

LOT 12
 SUPERVISOR'S VAN BUREN PLAT NO. 2
 ON PART OF THE E.1/2 OF SEC. 6,
 T.3 S., R.8 E.
 V125
 VB
 CONS

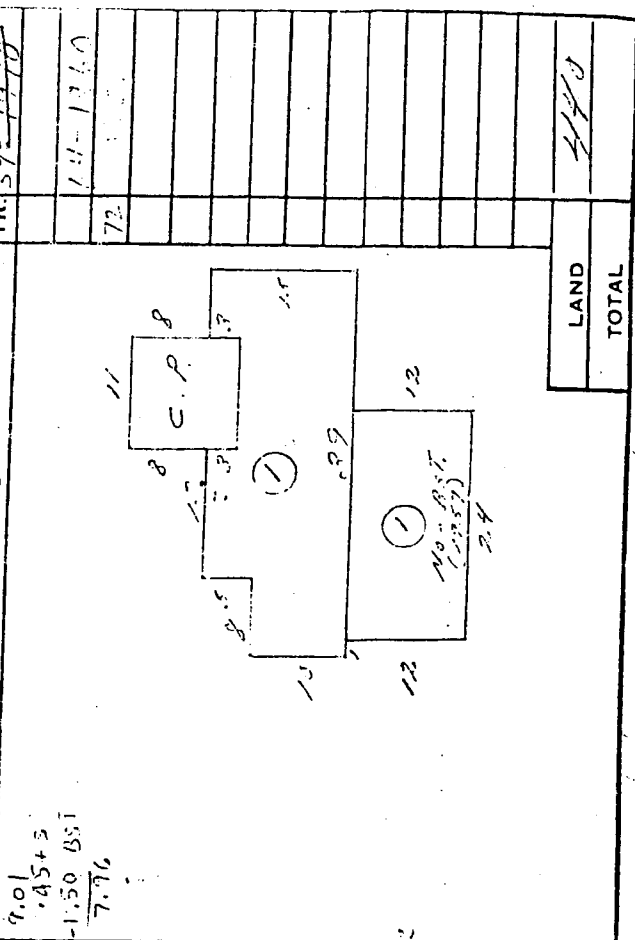
K72.93

BUILDING DESCRIPTION

IMPROVEMENTS	ROOF	FOUNDATION		FLOORS	SQ. FT.	STY.	RATE	EXTRAS OR DED. AMT.	BLDG.	COST	% GOOD	ASSESSED VAL.		
		POSTS	CONC. BLOCK										BRICK	CONCRETE
SEWER	<input checked="" type="checkbox"/> GABLE			<input checked="" type="checkbox"/> PINE	512	INA	7.96	HEAT - 650		3426				
WATER	<input checked="" type="checkbox"/> HIP	<input checked="" type="checkbox"/> CONC. BLOCK		HARD WOOD										
SIDEWALK	<input checked="" type="checkbox"/> FLAT	BRICK		CONCRETE	121	CP	2.00			242				
PAVING		CONCRETE		TERRAZZO										
GAS	ROOFING			TILE	288	INB	7.76			3116	45	1650		
	WOOD SHGLE		<input checked="" type="checkbox"/> HEAT	INT. FINISH						2292	87	1994		
TYPE	<input checked="" type="checkbox"/> COMP SHGLE	<input checked="" type="checkbox"/> STOVE OIL		PINE TRIM										
<input checked="" type="checkbox"/> SINGLE RES.	ROLL	PIPELESS		HD. WD. TRIM								50		
2-FLAT	COMPOSITION	HOT AIR GRAY.		PLAST. WALLS								622		
4-FLAT	METAL	STEAM OR H.W.		PLASTER BD.						908	23	670		
STORE		FORCED AIR		PANELED ROOM										
STORE & FLAT	CONST.													
FACTORY	<input checked="" type="checkbox"/> WOOD FRAME	PLUMBING												
GARAGE	BRICK	BATH ROOMS												
GAS STATION	STEEL FRAME	TILE FLOOR												
	RE. CONCRETE	TILE WALLS		<input checked="" type="checkbox"/> GARAGE 115										
	CONC. BLOCK	STALL SHOWER		CONST. 1100B										
EXT. WALLS		SHOWER NO TUB		FLOOR										
DROP SIDING	BASEMENT	LAVATORY		CONC. DRIVE										
LAP SIDING	NONE	TILE FLOOR		GEN. COND.										
WOOD SHGLE	PART	TILE WALL												
B.V. TO BELT	FULL	BST. TOILET		MISC.										
BRK. VENEER	CONC. FL.	NO PLUMBING												
FACE BRICK	REC. ROOM	ROOMS												
COMMON BRICK	ORDINARY	1ST FLOOR												
CONC. BLOCK	ASP. TILE FLOOR	2ND FLOOR												
ASB. SHGLE														
<input checked="" type="checkbox"/> STOVE ON FL.														

TOTAL BLDG. ASSMT. 4570

PLAN OF BUILDING



LAND	
TOTAL	4570

AREA COMP. _____ CHECKED _____ EXTENDED _____ CHECKED _____

DATE 12-23-63 EXAMINER W.E. J.P. STREET DENTON NO. 7090
 OWNER
 OWNER'S ADDRESS
 YEAR BUILT 1963 CONDITION G STORIES 2-1 CLASS C-5

LEGAL DESCRIPTION

LOT

Parcel
 10611e

272

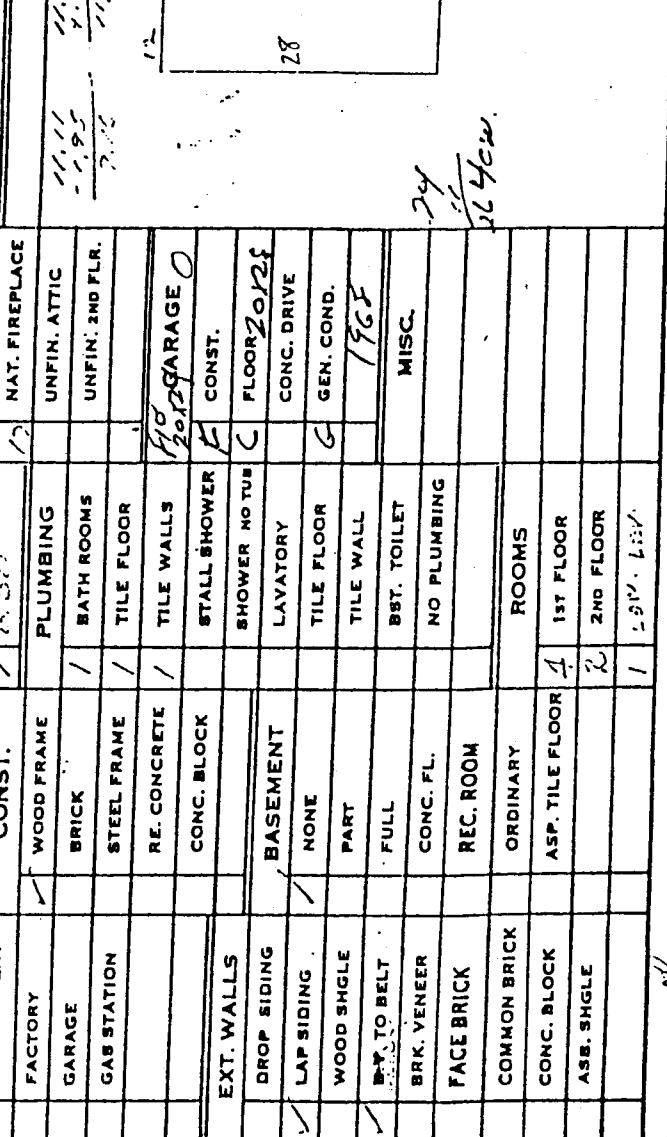
COMPUTATIONS SHEET 18 of 26

SO. FT.	STY.	RATE	EXTRA DR DED. AMT.	BLDG.	COST	% GOOD	ASSESSED VAL
336	1ST	11.61	HEAT + 600		4501		
896	1NB	9.16			8127		
28	CPP	2.50			70		
23	BE	330			98		
					12796	96	12279
					1958	98	939

LAND IMPROVEMENTS	ROOF	FOUNDATION	FLOORS
SEWER	GABLE	POSTS	PINE
WATER	HIP	CONC. BLOCK	HARD WOOD
SIDEWALK	FLAT	BRICK	CONCRETE
PAVING		CONCRETE	TERRAZZO
GAS	ROOFING		TILE
	WOOD SHGLE	HEAT	INT. FINISH
	COMP SHGLE	STOVE	PINE TRIM
	ROLL	PIPELESS	HD. WD. TRIM
	COMPOSITION	HOT AIR GRAY.	PLAST. WALLS
	METAL	STEAM OR H.W.	PLASTER BD.
		FORCED AIR	PANELED ROOM
	CONST.		NAT. FIREPLACE
	WOOD FRAME	PLUMBING	UNFIN. ATTIC
	BRICK	BATH ROOMS	UNFIN. 2ND FLR.
	STEEL FRAME	TILE FLOOR	
	RE. CONCRETE	TILE WALLS	
	CONC. BLOCK	STALL SHOWER	
		SHOWER NO TUB	
	BASEMENT	LAVATORY	
	NONE	TILE FLOOR	
	PART	TILE WALL	
	FULL	BST. TOILET	
	CONC. FL.	NO PLUMBING	
	REC. ROOM		
	ORDINARY	ROOMS	
	ASP. TILE FLOOR	1ST FLOOR	
	ASP. SHGLE	2ND FLOOR	
		1 2ND. LVL	

TOTAL BLDG. ASSMT.

PLAN OF BUILDING



AREA COMP. 88.1

CHECKED EXTENDED CHECKED



The EDR-City Directory
Abstract

**Van Buren Twp East 75 Acres
Primarily Undeveloped Land
Belleville, MI 48111**

August 16, 2002

Inquiry Number: 830473-9

***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

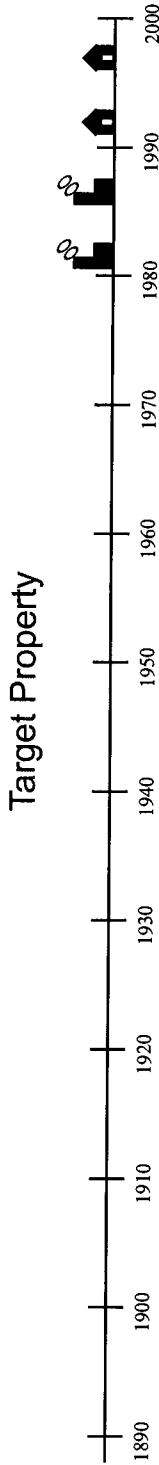
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Prior Use Report® Timeline



Legend:

= Historical Topographic Map (HT)

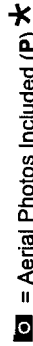
= National Wetland Inventory Map (WT) *

Superscript number corresponds to graph ID in text

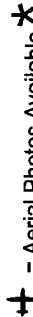
** Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*



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



= Aerial Photos Included (P) *



= Aerial Photos Available *



= Residential (R)



= Commercial or Industrial (C)

Target Property: Van Buren Twp East 75 Acres
Address: Primarily Undeveloped Land
City/State/Zip: Belleville, MI 48111

Customer: Blasland, Bouck and Lee, Inc
Contact: Brad Saunders
Inquiry #: 830473-9
Date: 8/16/2002

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 1973 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 Aug 16, 2002

Target Property:
 Primarily Undeveloped Land
 Belleville, MI 48111

<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
-- 1973	<u>**Denton Road**</u> Address Not Listed in Research Source (6728) Address Not Listed in Research Source (7022) Address Not Listed in Research Source (7160) <u>**Ecorse Road**</u> Address Not Listed in Research Source (49450) Address Not Listed in Research Source (49982) No Return (50000)		Bresser's Cross Directory
-- 1977	<u>**Denton Road**</u> Address Not Listed in Research Source (6728) Address Not Listed in Research Source (7022) Address Not Listed in Research Source (7160) <u>**Ecorse Road**</u> Address Not Listed in Research Source (49450) Address Not Listed in Research Source (49982) No Return (50000)		Bresser's Cross Directory
-- 1982	<u>**Denton Road**</u> No Return (6728) Residence (7022) No Return (7160) <u>**Ecorse Road**</u> No Return (49450) No Return (49982) General Motors Corporation (50000)		Bresser's Cross Directory
-- 1987	<u>**Denton Road**</u> No Return (6728) Residence (7022) No Return (7160) <u>**Ecorse Road**</u> Residence (49450) No Return (49982) General Motors Corporation (50000)		Bresser's Cross Directory
-- 1992	<u>**Denton Road**</u>		Bresser's Cross Directory

<i>PUR ID</i>	<i>Uses</i>	<i>Portion-Findings</i> <i>(FIM Information Only)</i>	<i>Source</i>
1992 (continued)	Address Not Listed in Research Source (6728)		
	Residence (7022)		
	Address Not Listed in Research Source (7160)		
	<u>**Ecorse Road**</u>		
	Residence (49450)		
	No Return (49982)		
	Address Not Listed in Research Source (50000)		
-- 1997	<u>**Denton Road**</u>		Bresser's Cross Directory
	No Return (6728)		
	Residence (7022)		
	No Return (7160)		
	<u>**Ecorse Road**</u>		
	No Return (49450)		
	No Return (49982)		
	Address Not Listed in Research Source (50000)		
-- 2002	<u>**Denton Road**</u>		Bresser's Cross Directory
	No Return (7022)		
	Address Not Listed in Research Source (7160)		
	<u>**Ecorse Road**</u>		
	Address Not Listed in Research Source (50000)		

Glossary of Terms

A.A.A.

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

A.S.C.S

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

Address in Research Source

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

Address Not Listed in Research Source

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

Adjoining

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

Adjoining Back

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

Adjoining Front

Property directly in front of the target property. (Applies only to fire insurance map data.)

Adjoining Left

Property directly to the left of the target property. (Applies only to fire insurance map data.)

Adjoining Right

Property directly to the right of the target property. (Applies only to fire insurance map data.)

Adjoining Surrounding Area

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

C.A.S

Aerial photograph flyer: Chicago Aerial Survey (private).

C.S.S.

Aerial photograph flyer: Commodity Stabilization Service (Federal).

Cartwright

Aerial photograph flyer: Cartwright (private)

CD

City Directory

Commercial

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

Commercial or Industrial

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

D.N.R.

Aerial photograph flyer: Department of National Resources (state).

D.O.T.

Aerial photograph flyer: Department of Transportation (state).

Fairchild

Aerial photograph flyer: Fairchild (private).

FIM

Fire Insurance Map

Flood Insurance Rate Maps

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

Flood Prone Area Maps

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

F.S.

Aerial photograph flyer: Forest Service (Federal).

Geonex

Aerial photograph flyer: Geonex (private).

M.C.

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

Mark Hurd

Aerial photograph flyer: Mark Hurd (private)

N.A.P.P.

Aerial photograph flyer: National Aerial Photography Program (Federal).

National Wetland Inventory Maps

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

No Return

Indicates that site owner was unavailable at time of surveyor's contact. (*Applies only to city directories.*)

No Structure Identified on Parcel

Used when site boundaries and/or site address is indicated on a fire insurance map; no structure details exist.

Other

Occurs when the site's classification is different than EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

P.M.A.

Aerial photograph flyer: Production and Marketing Administration (Federal).

Pacific Aerial

Aerial photograph flyer: Pacific Aerial (private)

Portion

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

Property Not Defined

Used when property is not clearly demarcated on a fire insurance map.

Residential

Any property having fewer than five dwelling units used exclusively for residential purposes.

Residential with Commercial Uses (a.k.a. Multiple Purpose Address)

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

Sidwell

Aerial photograph flyer: Sidwell (private).

Site Not Mapped

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (*Applies only to fire insurance map data.*)

Teledyne

Aerial photograph flyer: Teledyne (private)

Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

Turnbow

Aerial photograph flyer: Michael Turnbow (private)

U.S.D.A.

Aerial photograph flyer: United States Department of Agriculture (Federal).

U.S.D.I.

Aerial photograph flyer: United States Department of the Interior (Federal).

U.S.G.S.

Aerial photograph flyer: United States Geological Survey (Federal).

Vacant

May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

W.P.A.

Aerial photograph flyer: Works Progress Administration (Federal).

WALLACE

Aerial photograph flyer: Wallace (private).



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Brad Saunders

Blasland, Bouck & Lee, Inc

455 E Eisenhower Pkwy

Ann Arbor, MI 48108

1152387DEL

734-668-1133

Order Date: 8/13/2002

Completion Date: 08/14/2002

Inquiry #: 830473.6S

P.O. #: 64436.007

Site Name: Van Buren Twp East 75 Acres

Address: Primarily Undeveloped Land

City/State: Belleville, MI 48111

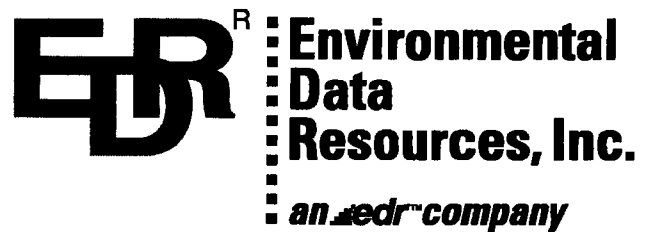
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client-supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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**The EDR-Aerial Photography
Print Service**

**Van Buren Twp East 75 Acres
Primarily Undeveloped Land
Belleville, MI 48111**

August 16, 2002

Inquiry Number: 830473-7

***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.

Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service 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.

Aerial Photographs

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of Michigan. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

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SITE LOCATION

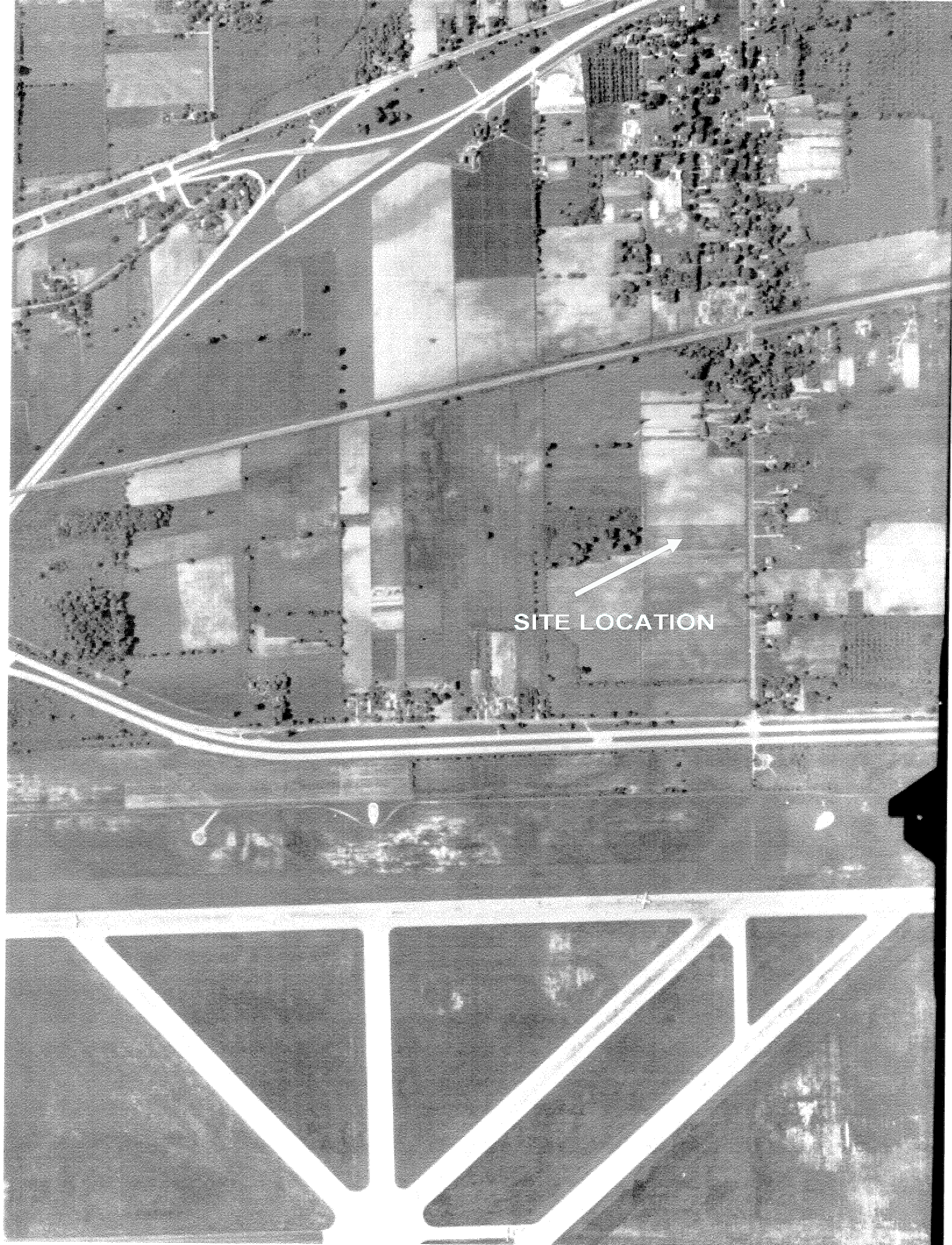
INQUIRY # 8 3 0 4 7 3 . 7

YEAR: 1940

FLYER: AAA

SCALE: 1" = 770' N

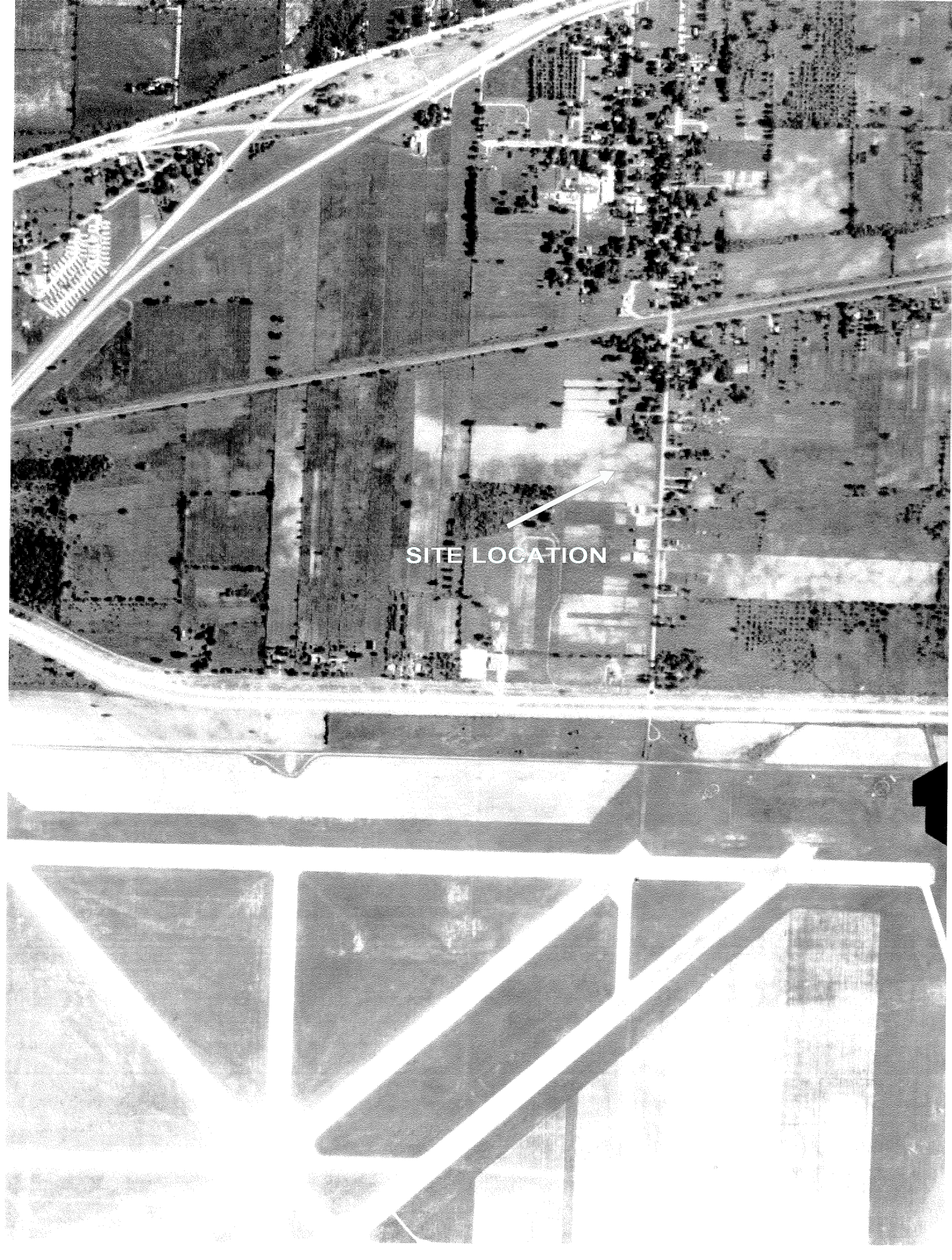




SITE LOCATION

INQUIRY # 830473.7
YEAR: 1957
FLYER: CSS
SCALE: 1" = 770' N

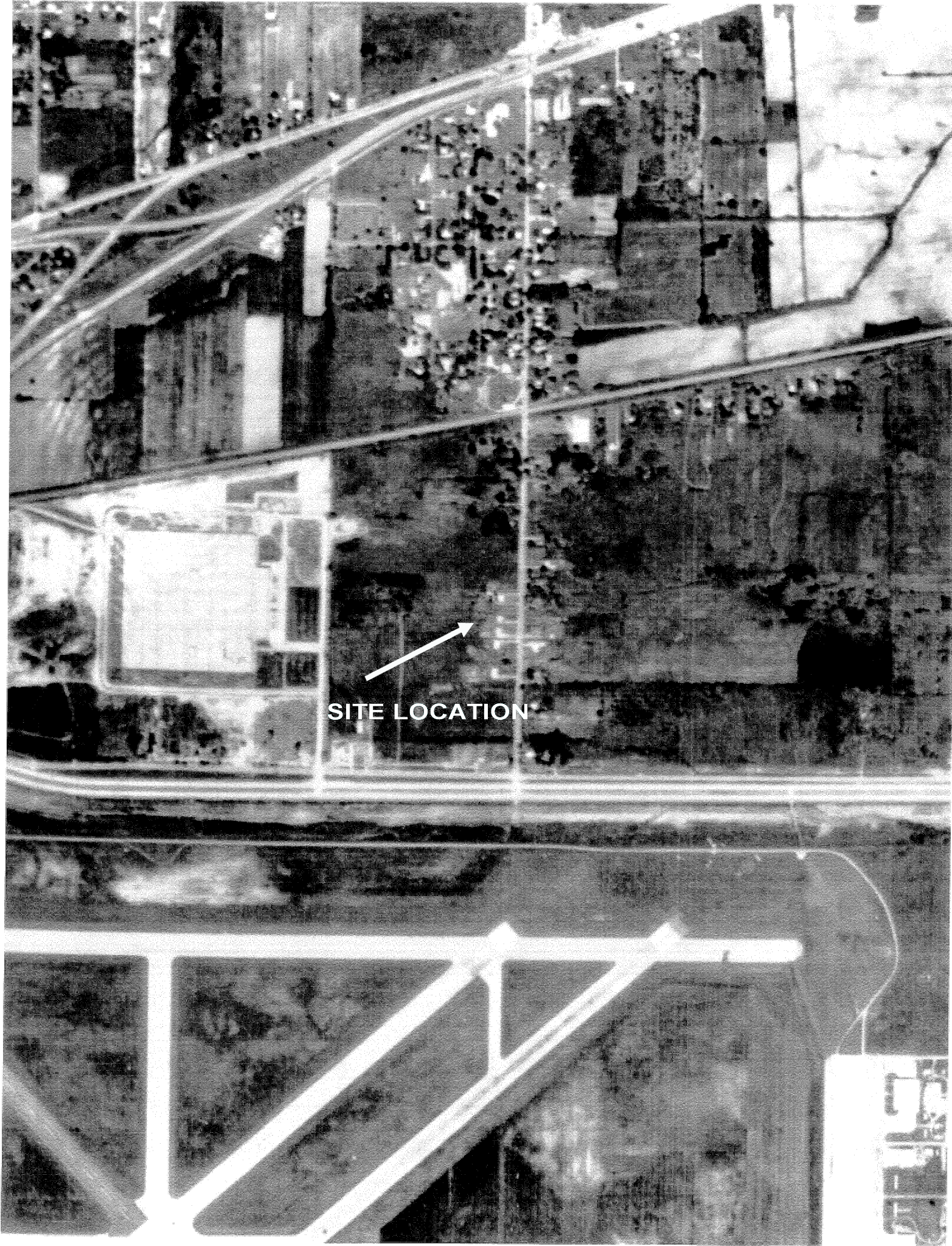




INQUIRY # 830473.7
YEAR: 1904
FLYER: ASCS
SCALE: 1"=7701

N





SITE LOCATION

INQUIRY # 830473.7
YEAR: 1972
FLYER: ASCS
SCALE: 1"=770' N





SITE LOCATION

INQUIRY # 830413.1
YEAR: 1985
FLYER: Semco9
SCALE: 1"=770'

N

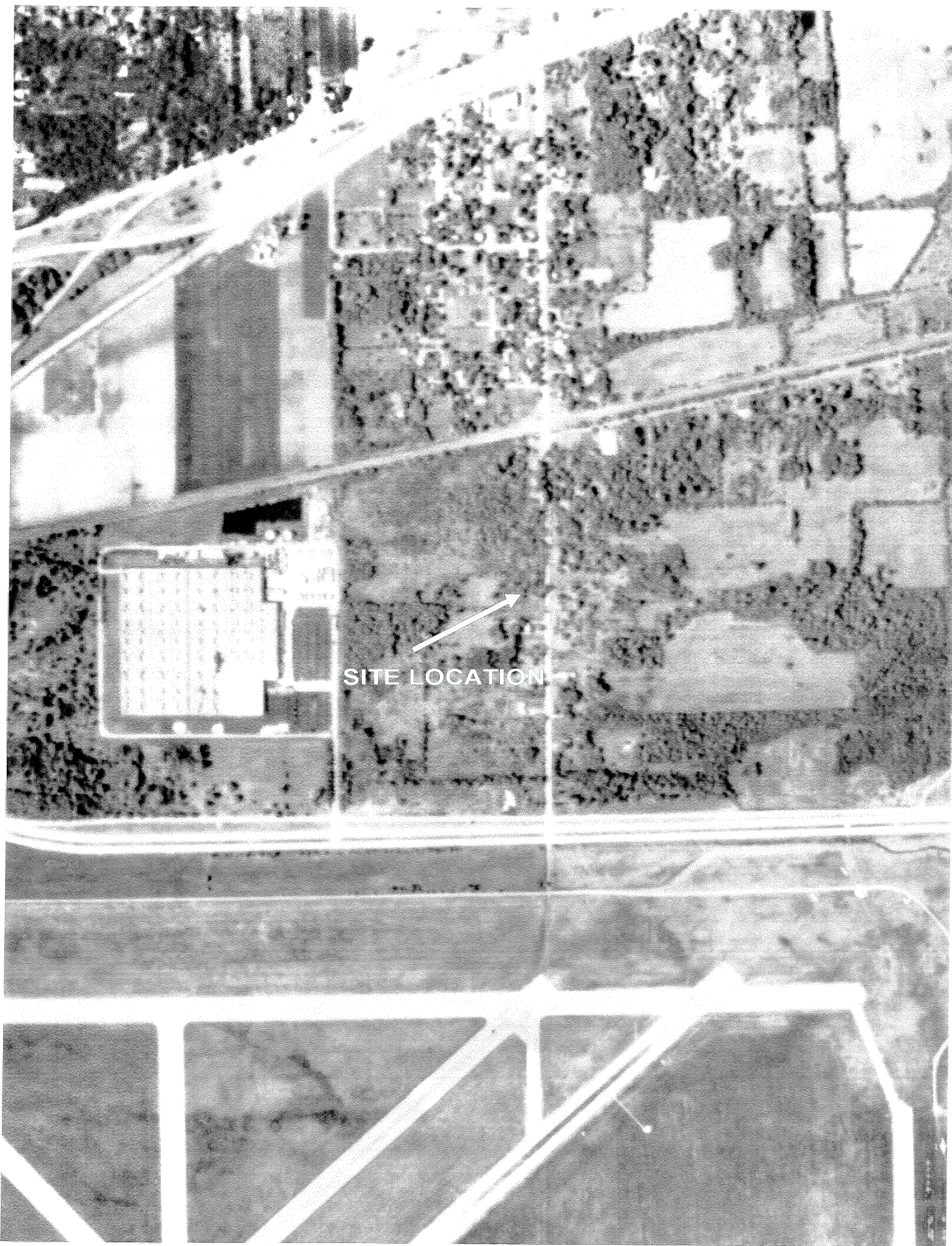




SITE LOCATION

INQUIRY # 830473.7
YEAR: 1985
FLYER: *Semcoy*
SCALE: *1" = 770'* N





SITE LOCATION

INQUIRY # 830473.7

YEAR: 1994

FLYER: NAD83

SCALE: 1" = 7701 N



Recent Unknown Date Aerial (Google Earth Image) N ↑



APPENDIX F

Previous Reports

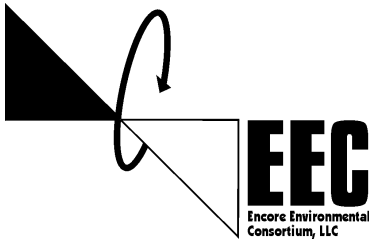
PREVIOUS REPORTS

The following environmental reports relevant to the adjacent property were reviewed, summarized, and referenced in the report by EEC:

1. Corrective Action Plan (CAP), General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; March 11, 1994.
2. RE: CAP Addendum, General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 8, 1994.
3. RE: CAP Addendum, MDNR, General Motors Service Parts Operations, 50000 Ecorse Road, Belleville, Michigan; September 27, 1994.

APPENDIX G

Personnel Resumes



Education

MBA, University of Michigan
Business School, 1999
BS/Mechanical Engineering,
Purdue University, 1992

Years of Experience

14 Years

Professional Registrations

Professional Engineer, MI
Environmental Lead Auditor

Professional Qualifications

- RABQSA International
- Engineering Society of
Detroit (ESD)

Brad A. Saunders, PE

Senior Engineer I/Manager

Mr. Saunders possesses 14 years of combined industrial and consulting experience in environmental engineering and management. He specializes in providing a broad range of environmental management, assessment, investigation, compliance and due diligence services for a diverse group of clients.

Mr. Saunders is experienced in providing companies an integrated approach to environmental management and compliance. Mr. Saunders assists companies in the design, implementation, and auditing of ISO 14001-confirming environmental management systems, and maintains Environmental Lead Auditor status with RABQSA International. Mr. Saunders also assists companies in complying with environmental regulations promulgated by the USEPA, state, and local agencies in accordance with the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Safe Drinking Water Act (SDWA), Emergency Planning and Community Right-to-Know Act (EPCRA), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and the Toxic Substances Control Act (TSCA). Compliance services provided include registration and permit application preparation, regulatory agency negotiation of permit terms and conditions, development of detailed electronic monitoring and record keeping spreadsheets, and preparation and submittal of agency reports. He also has familiarity with select OSHA and Department of Transportation regulations.

Mr. Saunders routinely directs and conducts Phase I environmental site assessments (ESAs) for multiple clients in accordance with ASTM Standard Practice, meeting the definition of an Environmental Professional per ASTM E1527-05. He uses industry experience and broad knowledge of processes in combination with document research to develop sound assessment findings. Mr. Saunders has extensive experience catering assessment recommendations to client needs such as prospective acquisitions, financing opportunities, divestitures, lease entries and lease exits. Following up on Phase I ESA findings, Mr. Saunders also routinely directs Phase II ESA sampling and investigation activities, and manages environmental remediation and construction projects.

Joseph A. Kotwicki

Scientist

Professional Experience

Mr. Kotwicki has conducted and coordinated Phase I Environmental Site Assessments (ESAs) in accordance with ASTM Standard Practice E1527.

He has experience conducting Phase II investigations, underground storage tank (UST) closure reports, and investigation of petroleum releases. He has conducted various field activities including monitoring well, production well, and boring installations; groundwater, surface-water, sediment, soil sampling, ambient and indoor air sampling, and landfill monitoring.

Mr. Kotwicki has provided onsite soil descriptions and recorded data into field logs; interpreted data; and generated reports, tables, charts, figures, and cross sections. He has also prepared quarterly monitoring reports, Phase I and II ESAs, and landfill monitoring reports.

Project Experience

1. Project Title: Commercial Phase I/II ESAs		Client: General Motors Corporation		Confidential? If yes, mark box: <input type="checkbox"/>
Location: <i>Throughout the United States</i>	Year Completed: <i>Ongoing</i>	Cost: <i>\$1,051,366</i>	Project Number: <i>64436</i>	
Description: <i>Mr. Kotwicki has successfully coordinated and conducted over 40 Phase I/II ESAs of automobile dealerships at various locations throughout the United States.</i>				

2. Project Title: Former Adelphia Headquarters, Coudersport, Pennsylvania		Client: Time Warner Cable		Confidential? If yes, mark box: <input type="checkbox"/>
Location: <i>Coudersport, Pennsylvania</i>	Year Completed: <i>2006</i>	Cost: <i>\$104,500</i>	Project Number: <i>74402</i>	
Description: <i>Mr. Kotwicki collected ambient air and indoor air samples at various building locations in Coudersport, Pennsylvania. Mr. Kotwicki utilized Summa® canisters to collect air samples which were subsequently analyzed in accordance with the USEPA's Compendium Method TO-15.</i>				

3. Project Title: New York City Department of Environmental Protection Environmental Health & Safety Support		Client: New York City Department of Environmental Protection	Confidential? If yes, mark box: <input type="checkbox"/>
Location: New York, New York	Year Completed: 2006	Cost: \$10,000	Project Number: 00120
Description: <i>Mr. Kotwicki conducted traffic work zone safety assessment activities to evaluate whether traffic control vehicles, signs and equipment were adequate for all required in-traffic work and to determine if work zones are safe for motorists, pedestrians, and NYCDEP personnel.</i>			

Summary:

Mr. Kotwicki has more than 1 year of consulting experience performing Phase I and II ESAs, groundwater monitoring reports, UST site assessments, soil/sediment sampling, indoor and ambient air sampling, and traffic work zone safety assessments.

Education

- B.S./Environmental Resource Management, Western Michigan University, 2005

Registrations

- Accredited AHERA Asbestos Building Inspector

Technical Training

- 40-Hour OSHA Training
- 8-Hour OSHA Refresher Training
- 24-Hour AHERA (Asbestos Hazard & Emergency Response Act) Training
- Loss Prevention System (LPS) Training

Education
BS/Environmental Science,
Lehigh University, 2002

Years of Experience
4.5 Years

Lauren M. Alkidas

Senior Project Scientist I

Ms. Alkidas has 4.5 years of consulting experience performing Phase I environmental site assessments and ecological risk assessments and assisting companies with environmental compliance issues. She has conducted and coordinated the Phase I environmental site assessments in accordance with ASTM Standard Practice E1527-00, E1527-05, and EPA's All Appropriate Inquiry. She has also conducted and coordinated Phase II environmental site assessments at multiple sites to determine hazardous chemical concentrations and site classification status with respect to state cleanup criteria. She performed soil, sediment, and groundwater sampling in the field as required to characterize sites.

Experience

Phase II Subsurface Investigation

General Motors Corporation, Freehold, New Jersey

Ongoing, Project Cost: \$113,810

Coordinated Phase II subsurface investigation of Freehold Chevrolet dealership to assist client in evaluating subsurface contamination. Coordinated available resources to perform subsurface investigation activities and report production. Evaluated analytical results of Phase II subsurface investigation in addition to subsurface analytical results provided by another consultant.

Analytical results revealed VOC and inorganic-impacted soil, and VOC-impacted groundwater. Based on soil and groundwater analytical results, prepared and submitted a Memorandum of Agreement to the NJDEP. Assisted in preparation of Remedial Investigation Workplan (RIW) and communicated directly with NJDEP case manager regarding RIW. Coordinated field activities associated with Remedial Investigation.

Phase I and Phase II Environmental Site Assessments and Investigation Program

General Motors Corporation, United States

Ongoing, Project Cost: \$1,759,582

Conducts and coordinates a large volume (over 200 Phase Is and over 50 Phase IIs), nationwide environmental site assessment and investigation program to assist client in evaluating liability associated with potential financing and property transactions. Properties assessed include vacant, commercial, and industrial facilities. Coordinates available resources throughout the company to perform site visits, conduct record searches, subsurface investigations, and report

production within time and budget constraints. Also coordinates subcontractors and prepares subcontractor agreements for subsurface investigations. Performs technical reviews of Phase I and Phase II environmental site assessment reports. Prepares cost estimates for Phase II subsurface investigations and delineation investigations.

Property Acquisition Due Diligence

Confidential Client, United States

2004, Project Cost: \$362,598

Performed due diligence for 600+ sites throughout the United States to assist client in evaluating liability associated with potential acquisition of properties. Worked with group to conduct record searches and obtain site-specific environmental information pertaining to properties. Provided client with summary of environmental concerns associated with the properties which were the basis for the client's purchase offer.

Site Assessment and Phase II ESA

Confidential Client, Coudersport, Pennsylvania

2006, Project Cost: \$125,500

Prepared cost estimates for Phase I environmental site assessment and Phase II subsurface investigation. Conducted and coordinated Phase I environmental site assessment and subsurface investigation of sixteen properties associated with Adelphia's former headquarters to assist client in evaluating liability associated with the acquisition of these properties. Coordinated available resources to perform site visits and subsurface investigation, conduct record searches, and report production. Also coordinated subcontractors and prepared subcontract agreements for subsurface investigation. Analyzed and evaluated soil, groundwater, and indoor air analytical results associated with subsurface investigation. Prepared Phase II environmental assessment report. Performed technical review of Phase I environmental site assessment report.

Site Assessment and Phase II ESA

Confidential Client, New York

Ongoing, Project Cost: \$390,635

Prepares cost estimates for Phase I environmental site assessments and Phase II subsurface investigations. Conducts and coordinates Phase I environmental site assessments and subsurface investigation projects to assist client in evaluating liability associated with potential purchasing and leasing involved with property transactions. Coordinates available resources to perform site visits, conduct record searches, and report production. Also coordinates subcontractors and prepares subcontract agreements for subsurface investigations. Analyzed and evaluated soil, groundwater, asbestos, lead paint, radon and indoor air analytical results associated with subsurface investigations. Performs technical reviews of Phase I and Phase II environmental site assessment reports.