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September 20, 2019

Capital Impact Partners
1400 Crystal Drive, Suite 500
Arlington, VA 22202

Ms. Souda Ahmad-Green
Merrill Development, LLC
18710 Grand River Avenue, Suite 351
Detroit, Michigan 48223

RE: PM Environmental, Inc. (“**Consultant**”) for Vacant Land (Consultant Project No. 01-11372-0-0001), Phase I Environmental Site Assessment Report dated September 20, 2019 (the “**Report**”), for the property which has an address of 1312 Seward Avenue, Detroit, Michigan (the “**Property**”).

Ladies/Gentlemen:

We understand that the above referenced parties have closed, or plan to close, a loan transaction and the construction and development of the above-referenced Property (the “**Project**”). The Party has made, or plans to make, a loan into the Project. We hereby authorize the above-referenced party to rely upon the Report to the same extent as if such party were an original addressee thereof; provided, however, that such party shall not be deemed subject to or bound by any of the obligations of any original addressee or owner of the Property in any agreement related to the Report, including but not limited to any obligation to provide Consultant with information about the Property or to indemnify Consultant. In addition, the above-referenced party shall not be bound by any provision of any agreement related to the Report which limits Consultant’s liability to an amount less than \$1,000,000 per occurrence, and the amount of coverage provided by Consultant’s professional liability and commercial general liability insurance policies must be at least \$1,000,000 per occurrence. We (the Consultant) have attached to this letter a Certificate of Insurance which provides that Consultant has the insurance to cover the requirements of this reliance letter.

We further state that the investigation summarized in the Report was conducted using that level of skill and care as would be used by competent professionals in the industry for similar projects and under similar circumstances, conforms with the guidelines set forth in ASTM Standard E 1527-13 or the current version of such standard, and constitutes all appropriate inquiry into the environmental condition of the Property, including that inquiry specified under 40 C.F.R. Part 312. Based solely upon our investigation and subject to the investigation limitations set forth as data gaps in the Report, we are of the opinion that all recognized environmental conditions (as that term is defined in ASTM Standard E 1527-13) associated with the Property are identified in the Report.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin M. Kruszewski". The signature is fluid and cursive, with the first name "Kevin" and last name "Kruszewski" clearly distinguishable.

By: Kevin M. Kruszewski, P.G.

Title: V.P. – Environmental Risk Management



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/31/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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INSURED PM Environmental, Inc. 3340 Ranger Road Lansing, MI 48906	INSURER A: Crum & Forster Specialty Insurance Company		NAIC # 44520
	INSURER B: Great Northern Insurance Company		20303
	INSURER C: Federal Insurance Company		20281
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES

CERTIFICATE NUMBER: W10024511

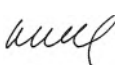
REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Poll.- Each Occurrence <input checked="" type="checkbox"/> Prof.- Claims Made GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			EPK125749	02/01/2019	02/01/2020	EACH OCCURRENCE \$ 3,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 3,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			7358-30-24	02/01/2019	02/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			EFX112213	02/01/2019	02/01/2020	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Yes	N/A	71745612	02/01/2019	02/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

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For Information Only	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
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INCENTIVES CONSULTING

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Vacant Land

1312 Seward Avenue | Detroit, Michigan
PM Project Number 01-11372-0-0001

Prepared for:

Merrill Development, LLC

18710 Grand River Avenue, Suite 351
Detroit, Michigan 48223

Prepared by:

PM Environmental, Inc.

4080 West Eleven Mile Road
Berkley, Michigan 48072

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Michigan Locations
Berkley Bay City
Grand Rapids Chesterfield
Lansing Oak Park

September 20, 2019

Ms. Sauda Ahmad-Green
Merrill Development, LLC
18710 Grand River Avenue, Suite 351
Detroit, Michigan 48223

**Re: Phase I Environmental Site Assessment of the Vacant Land
Located at 1312 Seward Avenue, Detroit, Michigan
PM Environmental, Inc. Project No. 01-11372-0-0001**

Dear Ms. Ahmad-Green:

PM Environmental, Incorporated (PM) has completed the Phase I Environmental Site Assessment (ESA) of the above referenced property. This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

The Phase I ESA for the above referenced property represents the product of PM's professional expertise and judgment in the environmental consulting industry, and it is reasonable for **MERRILL DEVELOPMENT, LLC AND CAPITAL IMPACT PARTNERS** to rely on PM's Phase I ESA report.

If you have any questions related to this report please do not hesitate to contact our office at 248.336.9988.

Sincerely,
PM ENVIRONMENTAL, INC.

Benjamin Prowse
Staff Consultant

Kevin M. Kruszewski, P.G.
V.P. – Environmental Risk Management

EXECUTIVE SUMMARY

PM Environmental, Inc., (PM) was retained to conduct a Phase I Environmental Site Assessment (ESA) of the Vacant Land located at 1312 Seward Avenue, Detroit, Wayne County, Michigan (hereafter referred to as the “subject property”). This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

THIS REPORT WAS PREPARED FOR THE EXCLUSIVE USE OF MERRILL DEVELOPMENT, LLC AND CAPITAL IMPACT PARTNERS, EACH OF WHOM MAY RELY ON THE REPORT’S CONTENTS.

Item	Comments
Number of Parcels and Acreage	One parcel totaling 0.39 acres
Number of Building(s) and Square Footage	Vacant land with no current buildings
Current Property Use	The subject property is currently vacant land with no current business operations

Reasonably ascertainable records for the subject property extended back to approximately 1915. Data failure occurred prior to that date. However, PM did not identify any significant data gaps during the completion of this Phase I ESA.

Standard and other historical sources were able to document that the subject property was developed prior to 1915 with a church building in the northern portion. The church building was demolished by 1917 when a multi-family residential building with at least eight dwelling units was constructed in the northeastern and southern portions and three associated garages were constructed in the northwestern portion. The buildings were demolished in 1975 and the subject property has remained vacant land since that time.

The following table summarizes the conditions identified as part of this assessment. Affirmative answers are further discussed below the table:

Type of Condition	Identified During the Course of this Assessment
De Minimis Condition	No
Significant Data Gap	No
Historical Recognized Environmental Condition (HREC)	No
Recognized Environmental Condition (REC)	No
Controlled Recognized Environmental Condition (CREC)	No
Significant Non-ASTM Scope Considerations and/or Business Environmental Risks	Yes

Non-ASTM Scope Considerations and Business Environmental Risks (BERS)

PM has included a discussion of Non-ASTM Scope Considerations based upon industry standards and lender requirements. A Business Environmental Risk is defined as a risk which

can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. The following significant Non-ASTM Scope Considerations and/or BERs were identified during completion of this Phase I ESA:

- The subject property was historically developed with residential dwellings, which likely contained basements. It is PM's experience that a common practice in Detroit during the timeframes of demolition for the former dwellings was to demolish the building into the basement and leave all building materials present. Building materials associated with former dwellings may have been pushed into basements during and/or after demolition and utilized as fill material. If construction debris and/or fill materials are encountered during redevelopment activities of the subject property parcels, further evaluation may be necessary.

Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Vacant Land located at 1312 Seward Avenue, Detroit, Wayne County, Michigan, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the property. No further investigation is recommended.

The summary presented above is general in nature and should not be considered apart from the entire text of the report, which contains the qualifications, considerations and subject property details mentioned herein. Details of findings and conclusions are elaborated upon in this report.

This report has been reviewed for its completeness and accuracy. Please feel free to contact our office at 248.336.9988 to discuss this report.

REPORT PREPARED BY:

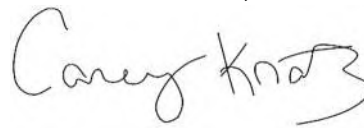
PM Environmental, Inc.



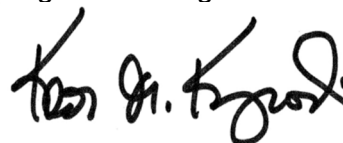
Benjamin Prowse
Staff Consultant

REPORT REVIEWED BY:

PM Environmental, Inc.



Carey Kratz, EP
Regional Manager – Due Diligence



Kevin M. Kruszewski, P.G.
V.P. – Environmental Risk Management

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FIGURES

Figure 1: Property Vicinity Map

Figure 2: Generalized Diagram of the Subject Property and Adjoining Properties

APPENDICES

Appendix A: Property Photographs from Site Reconnaissance

Appendix B: Correspondence and Supporting Documentation

Appendix C: Previous Site Investigations

Appendix D: Regulatory Database and File Review Correspondence

Appendix E: Professional Resumes

Appendix F: Acronyms and Terminology, Scope of Work, ASTM Reference Document, and User's Continuing Obligations under CERCLA

1.0 INTRODUCTION

This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

THIS REPORT WAS PREPARED FOR THE EXCLUSIVE USE OF MERRILL DEVELOPMENT, LLC AND CAPITAL IMPACT PARTNERS, EACH OF WHOM MAY RELY ON THE REPORT'S CONTENTS.

PM acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, PM makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

1.1: Property Overview

Subject Property Location/Address	1312 Seward Avenue, Detroit, Wayne County, Michigan
Number of Parcels and Acreage	One parcel totaling 0.39 acres
Number of Building(s) and Square Footage	Vacant land with no current buildings
Current Property Use	The subject property is currently vacant land with no current business operations
Current Zoning	R-3: Low Density Residential District

The subject property location is depicted on Figure 1, Property Vicinity Map. A diagram of the subject property and adjoining properties is included as Figure 2, Generalized Diagram of the Subject Property and Adjoining Properties. Photographs taken during the site reconnaissance are included in Appendix A.

1.2: Purpose and Scope of Services

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs), and *historical recognized environmental conditions* (HRECs) in connection with the subject property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, CRECs, and HRECs in connection with the subject property.

Acronyms and terms used in this report are described in Appendix F. Additionally, PM's scope of services is included in Appendix F.

1.3: Significant Assumptions

Pursuant to ASTM Standard Practice E 1527-13, PM assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

1.4: Limitations, Deviations, and Special Terms and Conditions

There are no deviations from the ASTM Standard. Non-ASTM Scope considerations are included in Section 11.0. Any physical limitations identified during the completion of this report are referenced in Section 7.0.

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the client may not presume the continuing applicability to the subject property of the conclusions in this assessment for more than 180 days after the report's issuance date, per ASTM Standard Practice E 1527-13.

To the best of PM's knowledge, no special terms or conditions apply to the preparation of this Phase I ESA that would deviate the scope of work from the ASTM Standard Practice E 1527-13.

2.0 USER PROVIDED INFORMATION

The ASTM Standard defines a User as "the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. "The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-13.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") (if desired), the User must provide certain information (if available) identified in the User Questionnaire to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

PM was retained to complete this Phase I ESA for refinance purposes. Therefore, innocent landowner defenses/protections under State and Federal law do not apply for the User.

2.1: Recorded Land Title Records

The User provided PM with a Commitment for Title Insurance completed for the subject property in February 2019. The Commitment for Title Insurance identifies the current owner as Merrill Development, LLC, which is consistent with current assessing records. The Commitment for Title Insurance did not identify any activity and use limitations or environmental liens associated with the subject property. A copy of the Commitment for Title Insurance is not included with this report but could be provided upon request.

2.2: Reason for Performing this Phase I ESA

According to the User, this Phase I ESA was conducted to evaluate the current and historical conditions of the subject property in an effort to identify RECs, CRECs, and HRECs in connection with the subject property.

3.0 PHYSICAL SETTING

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Topography: Refer to Figure 1 for an excerpt of the Topographic Map		
<i>Site Elevation</i>	635 feet above mean sea level (msl)	United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map of the Detroit, Michigan Quadrangle, 1968 (photo revised in 1973 and 1980)
<i>Topographic Gradient</i>	East-southeast	
<i>Closest Surface Water</i>	The Detroit River located approximately 3.60 miles south of the subject property at an elevation of 575 feet above msl	
General Soil Characteristics: Refer to Appendix B for a copy of the soil survey map and soil type descriptions		
<i>Soil Type</i>	Shebeon-Urban land-Avoca complex, 0 to 4 percent slopes	United States Department of Agriculture, Custom Soil Survey of Wayne County, Michigan (survey area data: September 11, 2018)
<i>Description</i>	<p>A Shebeon soil profile consists of sandy loam to 9.0 inches below ground surface (bgs), loam to 27.0 inches bgs, clay loam to 55.0 inches bgs, underlain by loam to 80.0 inches bgs. The soil is somewhat poorly drained with a depth to the water table of about 33.0 to 47.0 inches bgs. The risk of corrosion is high for uncoated steel and low for concrete.</p> <p>Urban land is typically an area covered by commercial buildings, condominiums, apartment buildings, parking lots, streets, sidewalks, driveways, railroad yards, industrial complexes, and other structures. Permeability and the risk of corrosion are not defined. A typical soil profile is not defined.</p> <p>An Avoca soil profile consists of sandy loam to 12.0 inches bgs, sand to 31.0 inches bgs, clay loam to 49.0 inches bgs, underlain by loam to 80.0 inches bgs. The soil is somewhat poorly drained with a depth to the water table of about 19.0 to 46.0 inches bgs. The risk of corrosion is high for uncoated steel and low for concrete.</p>	
Area Specific Geology/Hydrogeology Characteristics:		
<i>Geology</i>	Consists of sand to 2.5 feet bgs, underlain by clay to 20.0 feet bgs, the maximum depth explored.	Previous site investigations for a property located approximately 2,000 feet southeast of the subject property (2013-2014)
<i>Hydrogeology</i>	No groundwater was encountered to 20.0 feet bgs, the maximum depth explored.	
Oil and Gas Wells:		
<i>Current Oil and Gas Wells on Subject Property</i>	None identified	Michigan Department of Environment, Great Lakes, and Energy (EGLE) Oil, Gas

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
<i>Historical Oil and Gas Wells on Subject Property</i>	None identified	and Minerals Division (OGMD) Data Portal

4.0 RECORDS REVIEW

PM reviewed reasonably ascertainable records to identify obvious uses of the subject property from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the property back to 1915. Data failure occurred prior to that date. In PM's professional opinion, this data failure does not represent a significant data gap.

4.1: Aerial Photographs and Sanborn Maps

PM reviewed reasonably ascertainable aerial photographs for the subject property area. The sources and years reviewed are identified in the table below. Relevant aerial photographs are included in Appendix B.

PM reviewed reasonably ascertainable Sanborn Fire Insurance Maps for the subject property area, which were obtained from EDR. The sources and years reviewed are identified in the table below. Relevant Sanborn Maps are included in Appendix B.

The following table summarizes the sources reviewed and the information obtained about the subject property from these sources. Information obtained about the adjoining properties from these sources is summarized in Section 8.0.

Aerial and Sanborn Summary for the Subject Property

Year and Source	Summary of Information
1915 Sanborn Map (EDR)	A church building is depicted in the northern portion and the remainder consists of vacant land. Merrill Street is depicted to the east and Seward Avenue is depicted to the south.
1925 Sanborn Map (EDR)	The church building is no longer depicted. A building containing eight dwelling units is depicted in the northeastern and southern portions and three garages are depicted in the northwest portion.
1937 Aerial (EDR)	Similar to the previous Sanborn year.
1949 Aerial (EDR)	Similar to the previous aerial year.
1950 Sanborn Map (EDR)	Similar to the previous aerial year.
1952 Sanborn Map (EDR)	Similar to the previous aerial year.
1956 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
1957 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
1961 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
1961 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
1967 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
1972 Aerial (EDR)	Similar to the previous aerial and Sanborn years.

Year and Source	Summary of Information
1977 Sanborn Map (EDR)	The residential building and garages have been demolished. Consists of vacant land and appears similar to the current layout.
1981 Aerial (EDR)	Similar to the previous Sanborn year.
1989 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
1991 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
1996 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
1999 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
2002 Sanborn Map (EDR)	Similar to the previous aerial and Sanborn years.
2005 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
2009 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
2012 Aerial (EDR)	Similar to the previous aerial and Sanborn years.
2016 Aerial (EDR)	Similar to the previous aerial and Sanborn years.

A summary of this information along with other historical sources is included in Section 6.0.

4.2: Local Street Directories

Reasonably ascertainable local street directories for Detroit, Michigan were researched. Directories were available from 1916 to 2014. It should be noted that prior to 1921, the address numbers in Detroit changed, and therefore listings for the former address ranges prior to 1921 when available are provided. Directories were researched in at least five-year increments, when available. It should not be construed that the earliest date represented is the initial date of occupancy.

Subject Property: 1312 Seward Avenue

2014-1982 Not Listed
 1978-1972 No Phone
 1968-1921 Andrews Apartments

Historical Subject Property: 1300 Seward Avenue

2014-1947 Not Listed
 1941-1921 Andrews Apartments

Historical Subject Property: 8223-8231 Merrill Street

2014-1972 Not Listed
 1967-1962 Residential
 M Glenn Baking Service
 1957-1921 Andrews Apartments

Pre-1921 Subject Property: 129 Merrill Street

1916-1911 Not Listed
 1906-1891 Merrill Street Not Listed in Research Resource

A summary of this information along with other historical sources is included in Section 6.0.

PM also reviewed listings for adjoining commercial properties. Information from the listings reviewed is included in Section 8.0.

4.3: Assessing Department

Reasonably ascertainable assessment information provided by the City of Detroit Office of the Assessor was obtained and reviewed. Assessing records document that the subject property consists of one parcel totaling 0.39 acres of vacant land. Historical field cards were included in the records reviewed; however, no relevant information was obtained through their review. Copies of available assessment information for the subject property and the current legal description are included in Appendix B.

4.4: Building Department

PM reviewed City of Detroit Department of Buildings, Safety Engineering and Environmental records for the subject property. The table below describes the permit issued, the date of issuance, and the reason for issue.

Building Permit Information

Address	Permit Number	Date of Issuance	Reason for Issue
1300 Seward	13044	3-12-1917	Multi-dwelling (27), brick
	44117	5-20-1949	Apartment building: install four sleeping rooms and bath in basement of apartment building per plan
1300-1312 Seward	13044	3-12-1917	Dwelling (27), frame
	18324	9-11-1917	Garage (6), brick
	18027	9-9-1975	Wreck and remove debris

PM also attempted to review oil and gas records for the subject property; however, no records were available for review.

4.5: Fire Department

PM submitted a Freedom of Information Act (FOIA) request to the City of Detroit FOIA Coordinator at the City of Detroit Law Department to review Fire Department records for the subject property. PM did not receive a response within the time constraints of this report. If PM does receive a response, and it changes the findings of the report, the client will be notified.

4.6: Health Department

PM submitted a FOIA request to the City of Detroit Health Department, Division of Environmental Health and Safety to review records for the subject property. PM did not receive a response within the time constraints of this report. If PM does receive a response, and it changes the findings of the report, the client will be notified. Based on information gathered as part of this Phase I ESA and PM's experience with files maintained by this office, it is unlikely that information provided will be relevant to this assessment. Therefore, PM has not identified this lack of response as a data failure that represents a significant data gap.

4.7: Utilities

4.7.1: Municipal Water/Water Wells

Municipal water is available to the subject property; however, the subject property is not currently connected to municipal water. According to a representative of the Detroit Water and Sewerage Department, no tap records were available for the subject property. Review of Sanborn maps indicates that municipal water has been available to the subject property since at least 1925. PM also reviewed available municipal sewer maps which documented that municipal sewer has been available in the vicinity of the subject property since at least 1900. Based on this information and the highly urban area, the former buildings on the subject property likely tapped to municipal water during construction. Municipal water was likely available during the same time. No records of private water wells have been identified through review of reasonably ascertainable information.

4.7.2: Sanitary Sewer/Septic System

Municipal sewer is available to the subject property; however, the subject property is not currently connected to municipal sewer. According to a representative of the Detroit Water and Sewerage Department, no tap records were available for the subject property. Review of utility maps indicates municipal sewer has been available to the subject property area since at least 1900. Based on this information and the highly urban area, the former buildings on the subject property likely tapped to municipal sewer during construction. No records of private septic systems have been identified through review of reasonably ascertainable information.

4.7.3: Heat Source

Natural Gas provided by DTE Energy is currently available to the subject property, however, the subject property is not currently connected to natural gas. Review of the natural gas distribution map indicates natural gas has been available to the subject property area since at least 1915. Therefore, the former buildings on the subject property were likely connected to natural gas during development, or within several years of natural gas availability. No alternative heat sources have been identified through review of reasonably ascertainable information.

4.8: Underground Storage Tank (UST) Systems

Review of reasonably ascertainable standard and other historical sources, and site observations, have not identified the current presence of USTs on the subject property. Specifically, no records of active USTs were identified through review of reasonably ascertainable records and PM did not observe any evidence of USTs (i.e. fill ports, vent pipes, etc.) during the site reconnaissance. Additionally, the current owner indicated she had no knowledge of current USTs associated with the subject property.

4.9: Previous Environmental Reports

PM reviewed a previous Phase I ESA completed for 1312 Seward Avenue by Triad Environmental Services (TES) and dated June 20, 2006. At the time of the Phase I ESA, the subject property consisted of vacant land. TES documented similar historical information as included in this Phase I ESA and no RECs were identified. PM did not identify any significant deficiencies through review of the previous Phase I ESA, a copy of which is included in Appendix C.

4.10: Environmental Liens, Activity and Use Limitations, and Government Institutional and Engineering Controls

PM has not identified any record of environmental liens, activity and use limitations, or institutional controls or engineering controls associated with the subject property through review of reasonable ascertainable records.

5.0 INTERVIEWS

The objective of completing interviews with knowledgeable site contacts is to obtain information about the uses and physical characteristics of the property. In general, interviewees supported the information reviewed from other historical sources (i.e. aerial photos, city records, etc.).

Represents	Interviewed	Name and Title	Length of Time Associated with Subject Property	Comments
Current Property Owner, and Key Site Manager	Yes	Ms. Sauda Ahmad-Green, current property owner (Merrill Development, LLC)	Since 2006	Ms. Ahmad-Green has owned the subject property since 2018; but was involved in property acquisition since 2006. Ms. Ahmad-Green was aware that the property was previously utilized for residential purposes. Ms. Ahmad-Green was unaware of any aboveground storage tanks (ASTs) or USTs associated with the subject property. No information was revealed that would be considered material to identifying recognized environmental conditions associated with the subject property.
Former Property Owner	No	Not applicable	Not applicable	The owner prior to Ms. Ahmad-Green was the City of Detroit via tax foreclosure.
Current Occupant(s)	No	Not applicable	Not applicable	Due to the vacant status of the subject property, no current occupants were available for interview
Former Occupant(s)	No	Not applicable	Not applicable	Contact information for the former occupants was not reasonably ascertainable or provided by the User
Other(s)	No	Not applicable	Not applicable	No other relevant interviews were conducted as part of this Phase I ESA.

6.0 SUMMARY OF HISTORICAL USE

Standard and other historical sources were able to document that the subject property was developed prior to 1915 with a church building in the northern portion. The church building was demolished by 1917 when a multi-family residential building with at least eight dwelling units was constructed in the northeastern and southern portions and three associated garages were constructed in the northwestern portion. The buildings were demolished in 1975 and the subject property has remained vacant land since that time.

7.0 SUBJECT PROPERTY RECONNAISSANCE

Reconnaissance Information	
PM Field Personnel:	Mr. David Balash
Site Reconnaissance Date:	August 21, 2019
Escort:	None
Limitations:	None identified

7.1: Subject Property Observations

The subject property consists 0.39 acres of vacant land covered in groomed grass.

The following table summarizes the site observations. No affirmative responses were identified.

Category	Feature	Observed
Interior Equipment	Elevators	No
	Air Compressors	No
	Incinerators	No
	Waste Treatment Systems	No
	Presses/Stamping Equipment	No
	Press Pits and/or In-ground Pits	No
	Hydraulic Lifts or In-ground hoists	No
	Paint Booth	No
	Plating Tanks	No
	Parts Washers	No
	Lathes, Screw Machines, etc.	No
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs)	No
	Drums, Barrels and/or Containers > 5 gallons	No
	Chip Hoppers	No
	Hazardous or Petroleum Waste Streams	No
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground Storage Tanks	No
	Fuel Dispensers	No
	Sumps or Cisterns	No
	Dry Wells	No
	Oil/Water Separators	No
	Floor Drains, Trench Drains, etc.	No
Exterior Observations	Pipeline Markers	No
	Stressed Vegetation	No
	Stained Soil or Pavement	No
	Monitoring Wells	No
	Pad or Pole Mounted Transformers and/or Capacitors	No
	Soil Piles of Unknown Origin	No

Category	Feature	Observed
	Exterior Dumpsters with Staining	No
	Leachate or Other Waste Seeps	No
	Trash, Debris, and/or Other Waste Materials	No
	Uncontrolled Dumping or Disposal Areas	No
	Surface Water Discoloration, Sheen or Free Product	No
	Strong, Pungent or Noxious Odors	No
	Storm water retention or detention ponds	No
	Pits, Ponds, Lagoons	No

7.1.1: Current Operations

The subject property is currently unoccupied with no current business operations.

8.0 ADJOINING PROPERTIES

The following paragraphs provide information about the adjoining properties obtained during the site reconnaissance and through review of reasonably ascertainable information.

The adjoining properties are currently and have historically consisted of residential, vacant land, or a parking lot.

9.0 REGULATORY RECORDS REVIEW

PM retained EDR to provide current regulatory database information compiled by a variety of federal and state regulatory agencies. A copy of the complete database is included in Appendix D. The following information was obtained:

Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal	National Priority List (NPL) Sites	1 mile	0
Federal	Delisted National Priority List (DNPL) Sites	½ mile	0
Federal	Superfund Enterprise Management System (SEMS) (formerly CERCLIS – renamed in 2015) Sites	½ mile	0
Federal	SEMS-Archive Sites (formerly CERLIS-NFRAP – renamed 2015)	½ mile	0
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Sites	1 mile	0
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal Facilities (TSDF) Sites	½ mile	0
Federal	RCRA Large Quantity Generators (LQG) Sites	subject property and adjoining properties	0
Federal	RCRA Small Quantity Generators (SQG) Sites	subject property and adjoining properties	0
Federal	RCRA Conditionally Exempt Small Quantity Generators (CESQG) Sites	subject property and adjoining properties	0
Federal	RCRA Non-Generators (NON-GEN) Sites	subject property and adjoining properties	0
Federal	Institutional Control / Engineering Control Registries	subject property	0

Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal	Environmental Response and Notification System (ERNS)	subject property	0
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile	0
State & Tribal	Solid Waste Facilities/Landfill Sites (SWF/LF)	½ mile	0
State & Tribal	Leaking Underground Storage Tank (LUST) Sites	½ mile	8
State & Tribal	Registered Underground Storage Tank (UST) Sites	subject property and adjoining properties	0
State & Tribal	Institutional Control / Engineering Control Registries	subject property	0
State & Tribal	Brownfield Sites	½ mile	4
State & Tribal	Michigan Inventory of Facilities (Includes Part 201 Sites and Baseline Environmental Assessment {BEA} Sites)	½ mile	31
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent	1

9.1: Subject Property and Occupant Listings

The subject property or its known occupants are not identified in the referenced databases.

9.2: Adjoining and Nearby Sites

PM's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the regulatory database report present an environmental risk to the subject property, PM considered the following criteria:

- The type of database on which the site is identified.
- The topographic position of the identified site relative to the subject property.
- The direction and distance of the identified site from the subject property.
- Local soil conditions in the subject property area.
- The known or inferred groundwater flow direction in the subject property area.
- The status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. Using the referenced criteria and based upon a review of readily available information contained within the regulatory database report, PM did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the regulatory database report that were judged to present a potential environmental risk to the subject property.

10.0 FINDINGS, OPINIONS AND CONCLUSIONS

10.1: De Minimis Condition

A de minimis condition, as defined in the ASTM Standard, is a condition that generally does not present a threat to human health or the environment and 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 RECs or CRECs. No de minimis conditions were identified during this assessment.

10.2: Significant Data Gaps

A data gap, as defined in the ASTM Standard, is a lack of or inability to obtain information required by the ASTM Standard despite good faith efforts by the environmental professional to gather such information. The environmental professional must then determine whether these gaps are significant. PM did not identify or encounter any instances of significant data gaps during the course of this ESA.

10.3: Historical Recognized Environmental Conditions (HRECs)

An HREC, as defined in the ASTM Standard, is a past release of hazardous substances or petroleum products that has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the subject property to any required controls. PM has not identified any HRECs in association with the subject property.

10.4: Recognized Environmental Conditions (RECs)

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Vacant Land located at 1312 Seward Avenue, Detroit, Wayne County, Michigan, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the subject property.

10.5: Controlled Recognized Environmental Conditions (CRECs)

A CREC, as defined in the ASTM Standard, is a recognized environmental condition (REC) resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. PM has not identified any CRECs in association with the subject property.

10.6: Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Vacant Land located at 1312 Seward Avenue, Detroit, Wayne County, Michigan, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the property.

11.0 NON-ASTM SCOPE CONSIDERATIONS/BUSINESS ENVIRONMENTAL RISKS

PM has included a discussion of Non-ASTM Scope Considerations based upon industry standards and lender requirements. A Business Environmental Risk is defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Non-ASTM Item	Observations or Information
Potential Asbestos Containing Materials (ACMs)	The subject property is vacant land with no structures, and therefore these items are not applicable.
Lead Based Paint (LBP)	
Visual Mold or Significant Moisture Damage	
Potential Unsuitable Fill Material	The subject property was historically developed with residential dwellings, which likely contained basements. It is PM's experience that a common practice in Detroit during the timeframes of demolition for the former dwellings was to demolish the building into the basement and leave all building materials present. Building materials associated with former dwellings may have been pushed into basements during and/or after demolition and utilized as fill material. If construction debris and/or fill materials are encountered during redevelopment activities of the subject property parcels, further evaluation may be necessary.

12.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

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



Carey Kratz, EP
 Regional Manager – Due Diligence



Kevin M. Kruszewski, P.G.
 V.P. – Environmental Risk Management

13.0 REFERENCES

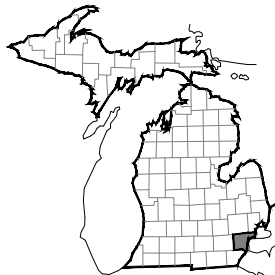
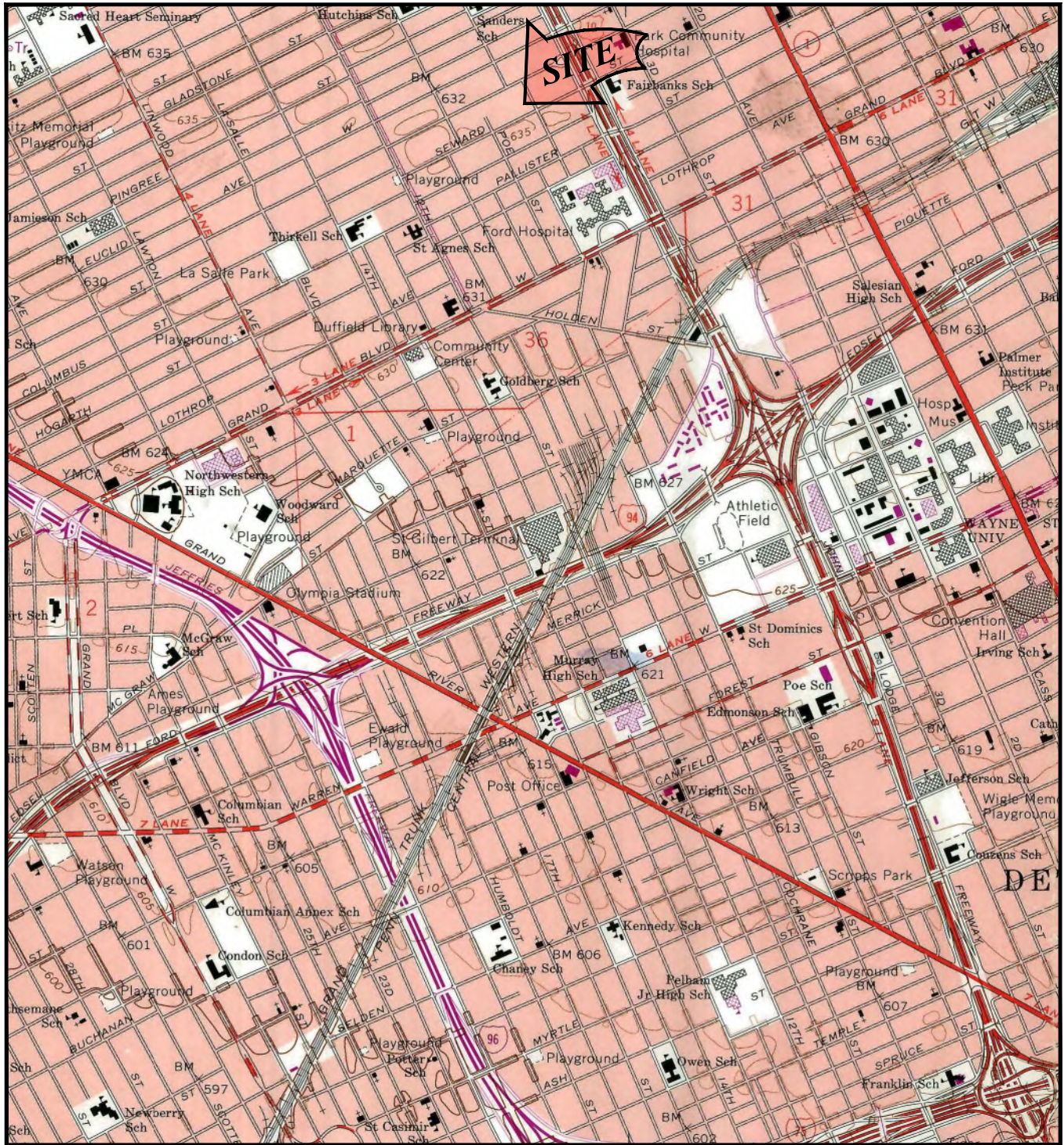
The following published sources were utilized during completion of this Phase I ESA:

- *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM, ASTM Designation E 1527-13, Published November 2013.
- EDR Digital Archive Directories, obtained from Environmental Data Resources, Inc. (EDR), Milford, Connecticut. City: Detroit. Years: 1992-2014.
- Bresser's Cross-Index City Directories, obtained from EDR, Inc., Milford Connecticut and obtained from Bresser's in Detroit, Michigan. City: Detroit. Years: 1946-2014.
- R.L. Polk's Directories, obtained from EDR, Inc., Milford, Connecticut and obtained from the State of Michigan Library in Lansing, Michigan. City: Detroit. Years: 1916-1941.
- United States Geological Survey Division (U.S.G.S.) 7.5 Minute Topographic Map Detroit, Michigan Quadrangle, 1968 (photo-revised 1973 and 1980).
- *Custom Soil Resource Report of Wayne County, Michigan*, U.S. Department of Agriculture, September 11, 2018.

In addition, PM reviewed the following previous site investigation:

Name of Report	Date of Report	Company that Prepared Report
Phase I ESA	6-20-2006	Triad Environmental Services (TES)

Figures



MICHIGAN QUADRANGLE LOCATION

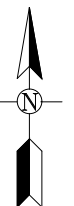
WAYNE COUNTY

FIGURE 1

PROPERTY VICINITY MAP

UNITED STATES GEOLOGICAL SURVEY, 7.5 MINUTE SERIES

DETROIT, MI QUADRANGLE, 1968. PHOTO REVISED 1973 AND 1980.



PROJ: VACANT LAND
1312 SEWARD AVENUE
DETROIT, MI

THIS IS NOT A LEGAL
SURVEY

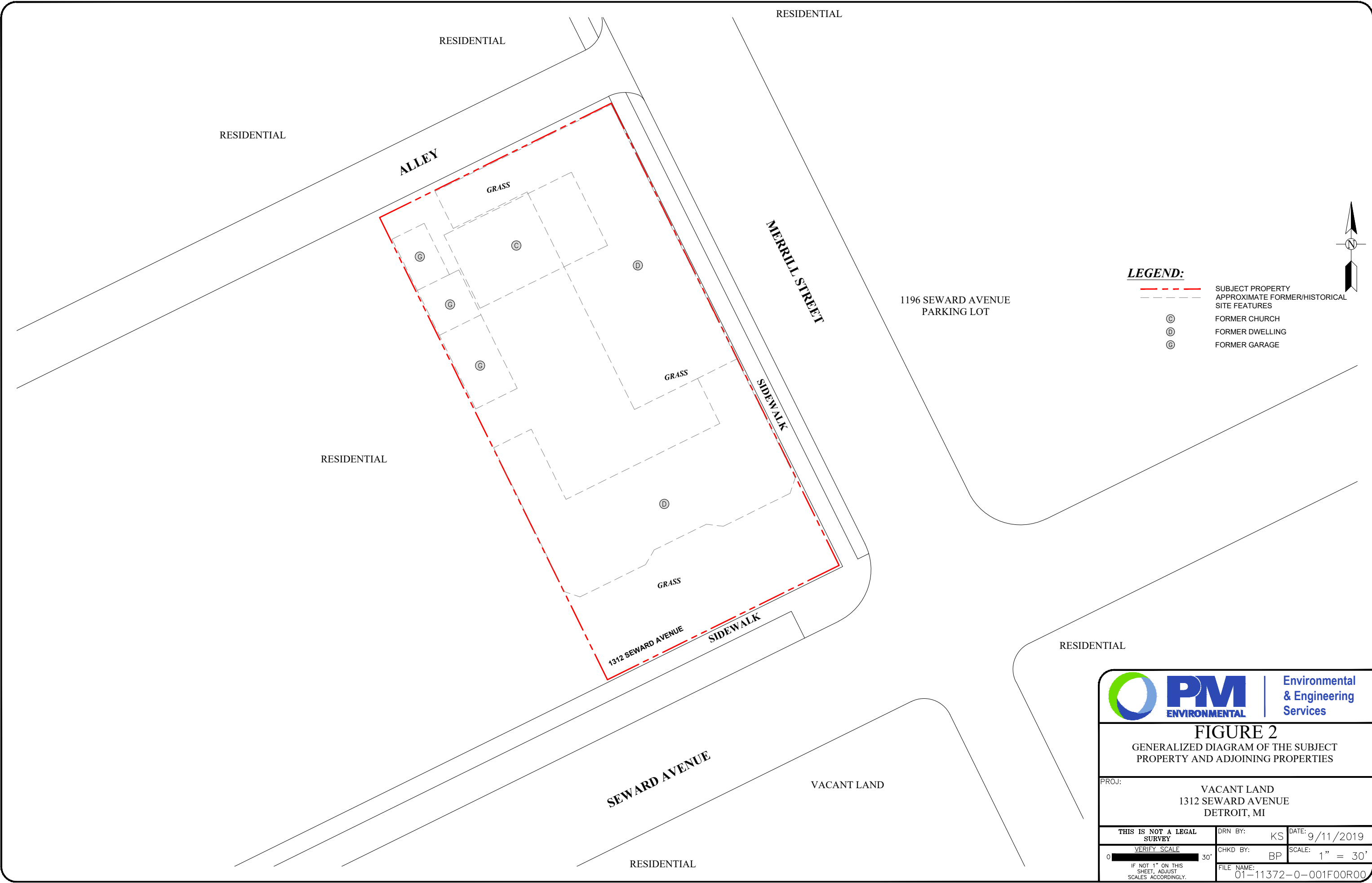
VERIFY SCALE
0 2,000'

IF NOT 1" ON THIS
SHEET, ADJUST
SCALES ACCORDINGLY.

DRN BY: KS DATE: 9/11/2019

CHKD BY: BP SCALE: 1" = 2,000'

FILE NAME:
01-11372-0-001F00R00



LEGEND:

- SUBJECT PROPERTY
- APPROXIMATE FORMER/HISTORICAL SITE FEATURES
- ⓐ FORMER CHURCH
- ⓓ FORMER DWELLING
- ⓖ FORMER GARAGE

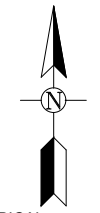


FIGURE 2
GENERALIZED DIAGRAM OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

PROJ: VACANT LAND
1312 SEWARD AVENUE
DETROIT, MI

THIS IS NOT A LEGAL SURVEY	DRN BY: KS	DATE: 9/11/2019
VERIFY SCALE	CHKD BY: BP	SCALE: 1" = 30'
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	FILE NAME: 01-11372-0-001F00R00	

0 30'

Appendix A



SITE PHOTOGRAPHS



Photographs From Site Reconnaissance
PM Project No. 01-11372-0-0001
Location: 1312 Seward Avenue, Detroit, Michigan

Photograph 1



View of the subject property facing north from Seward Avenue

Photograph 2



View of the subject property facing west from Merrill Street



Photographs From Site Reconnaissance
PM Project No. 01-11372-0-0001
Location: 1312 Seward Avenue, Detroit, Michigan

Photograph 3



View of the north adjoining property;
residential

Photograph 4



View of the northeast adjoining property;
residential



Photographs From Site Reconnaissance
PM Project No. 01-11372-0-0001
Location: 1312 Seward Avenue, Detroit, Michigan

Photograph 5



View of the east adjoining property;
parking lot

Photograph 6



View of the southeast adjoining property;
residential



Photographs From Site Reconnaissance
PM Project No. 01-11372-0-0001
Location: 1312 Seward Avenue, Detroit, Michigan

Photograph 7



View of the south adjoining properties;
vacant land

Photograph 8



View of the west adjoining property;
residential

Appendix B



USER QUESTIONNAIRE

Phase I ESA - ASTM User Questionnaire

Project Address: 1301, 1312, 1313, and 1323 Seward Street, Detroit, Michigan

The ASTM Standard defines a User as "the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") the **User** must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Please answer the following questions to the best of your knowledge and return to PM Environmental, Inc. (PM) with the signed copy of your proposal.

1. Environmental Clean-up liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? Yes No

If so, please describe the type of liens:

2. Activity and land use limitations that are in place on the site or that have been filed in a registry (40 CFR 312.26)

Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? Yes No

If yes, what type of AULs are you aware of?

3. Specialized knowledge or experience of the person seeking to qualify for a LLP (40 CFR 312.28)

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and the processes used by this type of business? Yes No

If yes, what type of business are you associated with?

What types of chemicals are used in your business?



Phase I ESA - ASTM User Questionnaire

Project Address: 1301, 1312, 1313, and 1323 Seward Street, Detroit, Michigan

4. Relationship to the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Yes No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes No

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example as a user: NO

a. Do you know of the past uses of the property? Yes No

If yes, please list what past uses you are aware of?

Multi-family dwellings

b. Do you know of specific chemicals that are present or once were present at the property? Yes No

If yes, please list what chemicals you are aware of?

c. Do you know of spills or other chemical releases that have taken place on the property? Yes No

d. Do you know of any environmental cleanups which have taken place on the property? Yes No

If yes, do you have copies of any of the reports documenting the work? Yes No

If you have any documentation of the previous environmental clean-up please provide copies to PM when you return this questionnaire.

DAJ

Phase I ESA - ASTM User Questionnaire

Project Address: 1301, 1312, 1313, and 1323 Seward Street, Detroit, Michigan

6. The degree of the obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40CFR 312.31)

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? Yes **No**

If yes, please comment on what those indicators are (i.e. lower purchase price, areas of staining,

poor housekeeping, etc):

User Name:

Merrill Development, LLC.

Company Name property is being purchased under:

Street Address:

18701 Grand River, suite 351

City, State, Zip code:

Detroit, MI 48223

User Phone Number:

(313) 694-9264

Signature of the User:

Farida Ahmed-Sun

Date Questionnaire was completed on:

8/8/19

SOIL SURVEY INFORMATION



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Wayne County, Michigan**



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

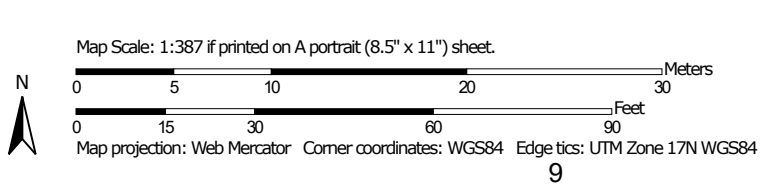
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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)


Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Wayne County, Michigan
 Survey Area Data: Version 4, Sep 11, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 31, 2014—Jun 15, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ShbubB	Shebeon-Urban land-Avoca complex, 0 to 4 percent slopes	0.4	100.0%
Totals for Area of Interest		0.4	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

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onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Wayne County, Michigan

ShhubB—Shebeon-Urban land-Avoca complex, 0 to 4 percent slopes

Map Unit Setting

National map unit symbol: 2v13q
Elevation: 570 to 670 feet
Mean annual precipitation: 28 to 38 inches
Mean annual air temperature: 45 to 52 degrees F
Frost-free period: 135 to 210 days
Farmland classification: Not prime farmland

Map Unit Composition

Shebeon, human transported surface, and similar soils: 40 percent
Urban land: 35 percent
Avoca, human transported surface, and similar soils: 15 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Shebeon, Human Transported Surface

Setting

Landform: Wave-worked till plains, water-lain moraines
Down-slope shape: Linear
Across-slope shape: Linear, convex
Parent material: Loamy human-transported material over loamy lodgment till

Typical profile

^Au - 0 to 9 inches: sandy loam
^Cu - 9 to 12 inches: loam
Bwb - 12 to 27 inches: loam
BC - 27 to 31 inches: clay loam
C - 31 to 55 inches: clay loam
Cd - 55 to 80 inches: loam

Properties and qualities

Slope: 0 to 4 percent
Depth to restrictive feature: 51 to 65 inches to densic material
Natural drainage class: Somewhat poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: About 33 to 47 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 30 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline (0.1 to 1.5 mmhos/cm)
Available water storage in profile: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydrologic Soil Group: C
Hydric soil rating: No

Description of Urban Land

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: 0 inches to manufactured layer

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: D

Hydric soil rating: No

Description of Avoca, Human Transported Surface

Setting

Landform: Water-lain moraines, wave-worked till plains

Down-slope shape: Linear

Across-slope shape: Convex, linear

Parent material: Sandy and loamy human-transported material over sandy glaciolacustrine deposits over loamy lodgment till

Typical profile

^Au - 0 to 9 inches: sandy loam

^Cu - 9 to 12 inches: sandy loam

Ab - 12 to 18 inches: sand

Bwb - 18 to 31 inches: sand

2Cg - 31 to 49 inches: clay loam

2Cd - 49 to 80 inches: loam

Properties and qualities

Slope: 0 to 4 percent

Depth to restrictive feature: 37 to 64 inches to densic material

Natural drainage class: Somewhat poorly drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)

Depth to water table: About 19 to 46 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 30 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline (0.1 to 1.5 mmhos/cm)

Available water storage in profile: Low (about 5.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: C

Hydric soil rating: No

Minor Components

Parkhill, human transported surface

Percent of map unit: 5 percent

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Landform: Wave-worked till plains, water-lain moraines

Microfeatures of landform position: Open depressions

Down-slope shape: Linear, concave

Across-slope shape: Linear, convex

Hydric soil rating: No

Midtown

Percent of map unit: 3 percent

Landform: Wave-worked till plains, water-lain moraines

Down-slope shape: Linear

Across-slope shape: Linear, convex

Hydric soil rating: No

Belleville, human transported surface

Percent of map unit: 2 percent

Landform: Water-lain moraines, wave-worked till plains

Microfeatures of landform position: Open depressions

Down-slope shape: Linear, concave

Across-slope shape: Linear, convex

Hydric soil rating: No

Soil Information for All Uses

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Soil Qualities and Features

This folder contains tabular reports that present various soil qualities and features. The reports (tables) include all selected map units and components for each map unit. Soil qualities are behavior and performance attributes that are not directly measured, but are inferred from observations of dynamic conditions and from soil properties. Example soil qualities include natural drainage, and frost action. Soil features are attributes that are not directly part of the soil. Example soil features include slope and depth to restrictive layer. These features can greatly impact the use and management of the soil.

Soil Features

This table gives estimates of various soil features. The estimates are used in land use planning that involves engineering considerations.

A *restrictive layer* is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers. The table indicates the hardness and thickness of the restrictive layer, both of which significantly affect the ease of excavation. *Depth to top* is the vertical distance from the soil surface to the upper boundary of the restrictive layer.

Subsidence is the settlement of organic soils or of saturated mineral soils of very low density. Subsidence generally results from either desiccation and shrinkage, or oxidation of organic material, or both, following drainage. Subsidence takes place gradually, usually over a period of several years. The table shows the expected

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initial subsidence, which usually is a result of drainage, and total subsidence, which results from a combination of factors.

Potential for frost action is the likelihood of upward or lateral expansion of the soil caused by the formation of segregated ice lenses (frost heave) and the subsequent collapse of the soil and loss of strength on thawing. Frost action occurs when moisture moves into the freezing zone of the soil. Temperature, texture, density, saturated hydraulic conductivity (Ksat), content of organic matter, and depth to the water table are the most important factors considered in evaluating the potential for frost action. It is assumed that the soil is not insulated by vegetation or snow and is not artificially drained. Silty and highly structured, clayey soils that have a high water table in winter are the most susceptible to frost action. Well drained, very gravelly, or very sandy soils are the least susceptible. Frost heave and low soil strength during thawing cause damage to pavements and other rigid structures.

Risk of corrosion pertains to potential soil-induced electrochemical or chemical action that corrodes or weakens uncoated steel or concrete. The rate of corrosion of uncoated steel is related to such factors as soil moisture, particle-size distribution, acidity, and electrical conductivity of the soil. The rate of corrosion of concrete is based mainly on the sulfate and sodium content, texture, moisture content, and acidity of the soil. Special site examination and design may be needed if the combination of factors results in a severe hazard of corrosion. The steel or concrete in installations that intersect soil boundaries or soil layers is more susceptible to corrosion than the steel or concrete in installations that are entirely within one kind of soil or within one soil layer.

For uncoated steel, the risk of corrosion, expressed as *low*, *moderate*, or *high*, is based on soil drainage class, total acidity, electrical resistivity near field capacity, and electrical conductivity of the saturation extract.

For concrete, the risk of corrosion also is expressed as *low*, *moderate*, or *high*. It is based on soil texture, acidity, and amount of sulfates in the saturation extract.

Custom Soil Resource Report

Soil Features—Wayne County, Michigan									
Map symbol and soil name	Restrictive Layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		<i>Low-RV-High</i>	<i>Range</i>		<i>Low-High</i>	<i>Low-High</i>			
		<i>In</i>	<i>In</i>		<i>In</i>	<i>In</i>			
ShbubB—Shebeon-Urban land-Avoca complex, 0 to 4 percent slopes									
Shebeon, human transported surface	Densic material	51-55-65	15-29	Noncemented	0	0	Moderate	High	Low
Urban land	Manufactured layer	0	3-16	Very strongly cemented	—	—			
Avoca, human transported surface	Densic material	37-49-64	16-43	Noncemented	0	0	Low	High	Low
Parkhill, human transported surface	Densic material	44-50-56	24-36	Noncemented	0	0	High	High	Low
Midtown	Densic material	38-55-79	1-42	Noncemented	0	0	Moderate	High	Low
Belleville, human transported surface	Densic material	51-65-69	11-29	Noncemented	0	0	Moderate	High	Low

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AERIAL PHOTOGRAPHS



Subject Property

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YEAR: 1937

— = 500'





Subject Property

INQUIRY #: 5750859.8

YEAR: 1949

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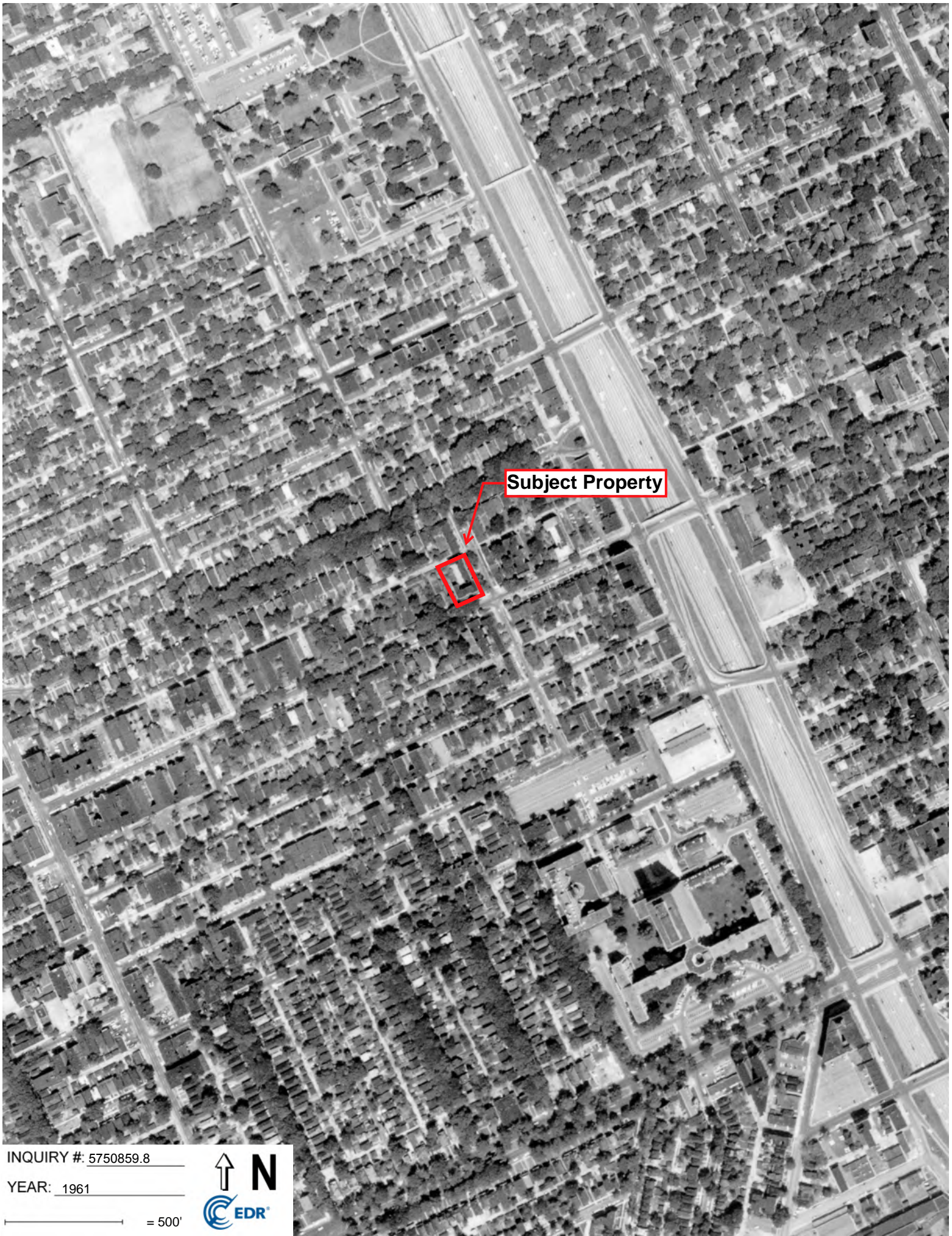
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Subject Property

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Subject Property

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Subject Property

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Subject Property

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Subject Property

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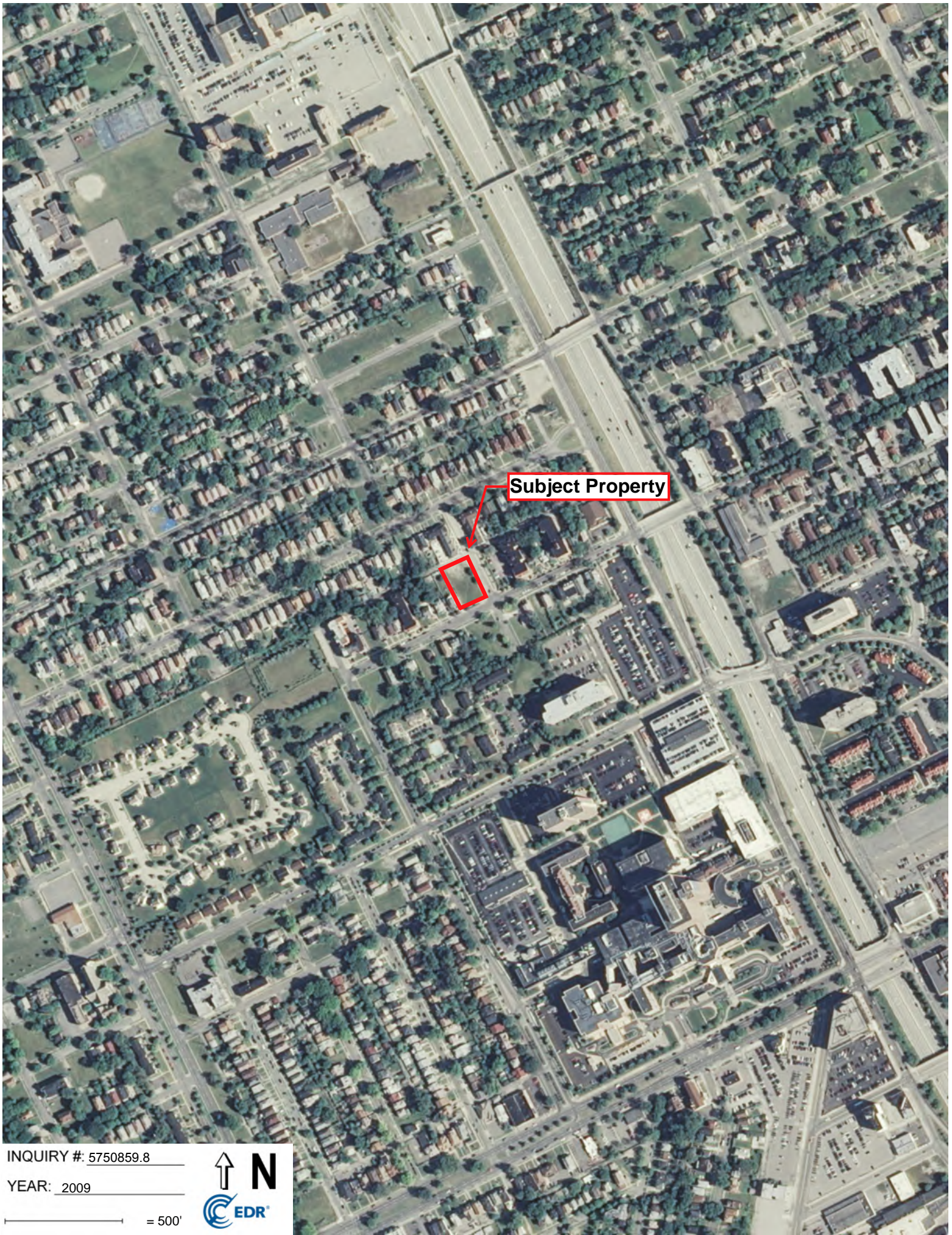


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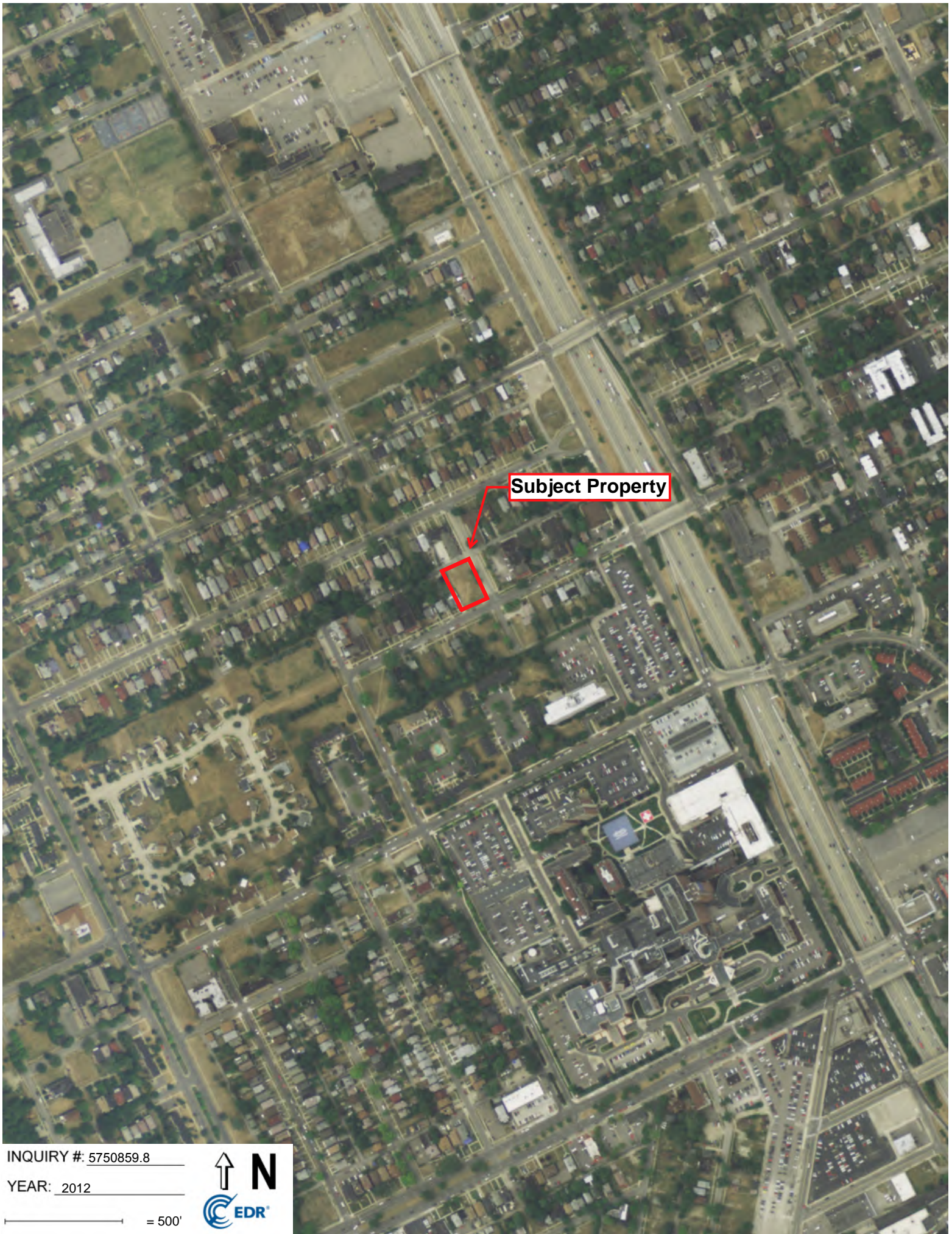
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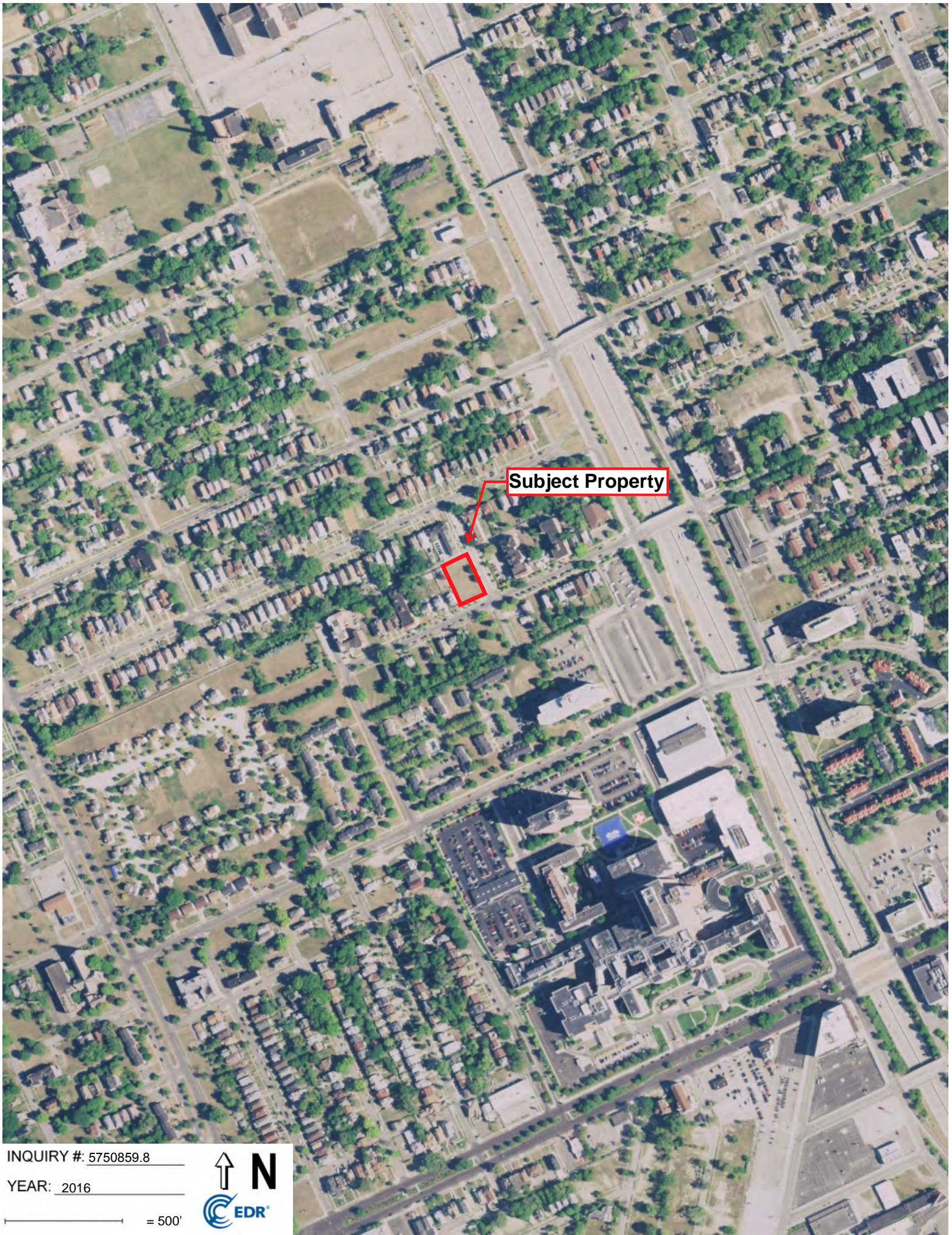
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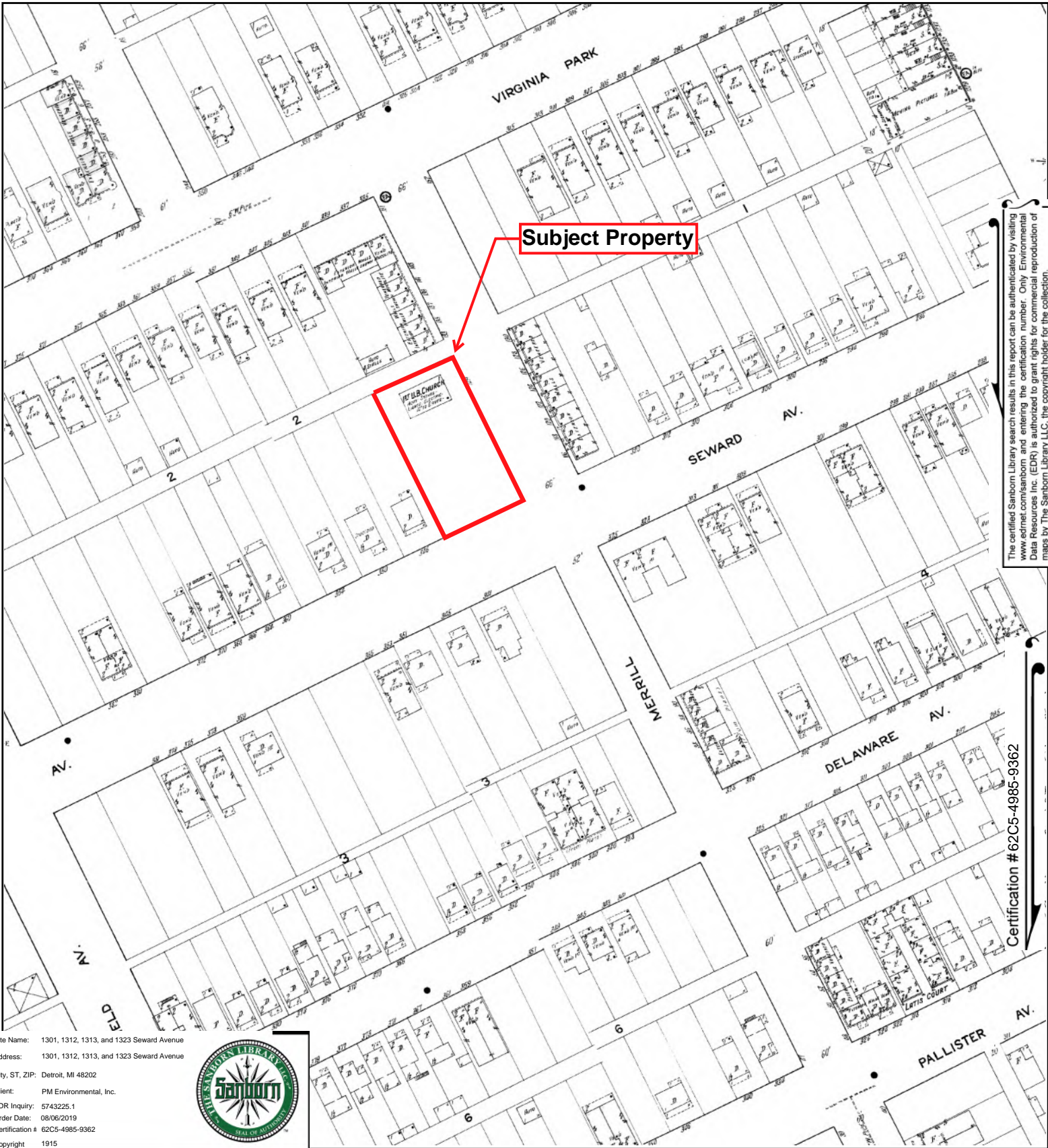
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YEAR: 2016

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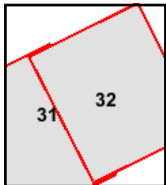
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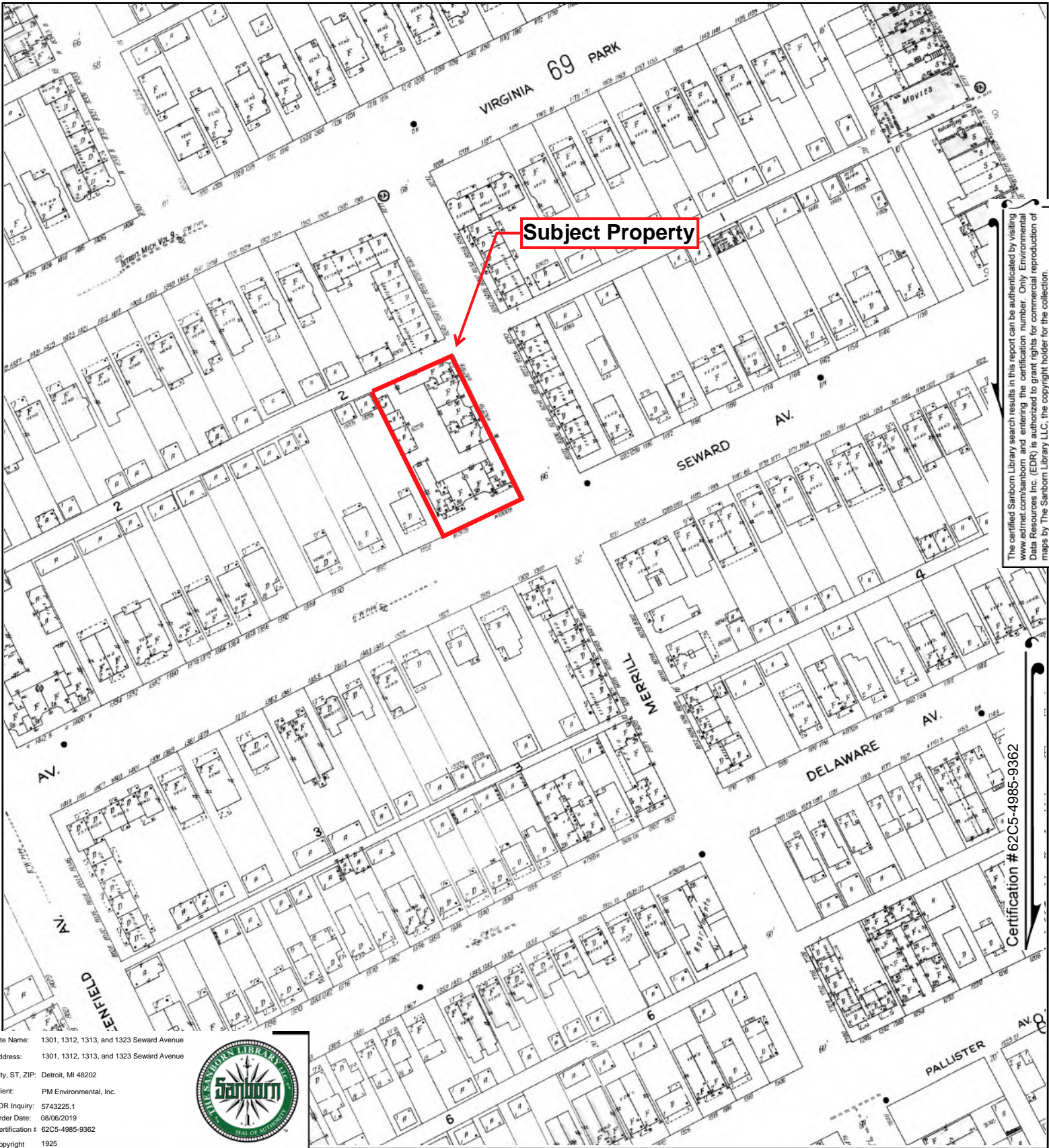


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Volume 9, Sheet 32
 Volume 9, Sheet 31





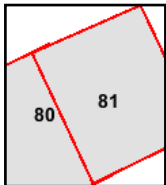
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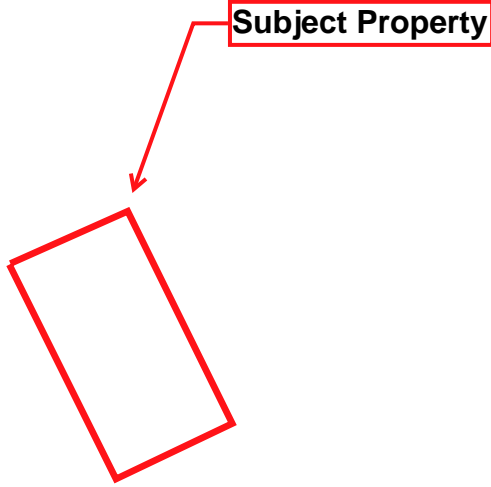


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 Volume 9, Sheet 80





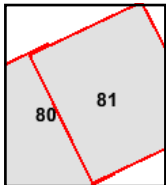
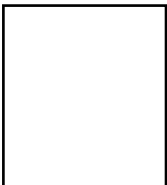
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 Order Date: 08/06/2019
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 Copyright 1950

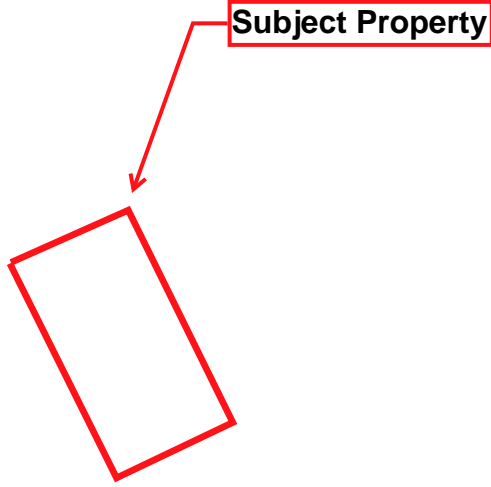


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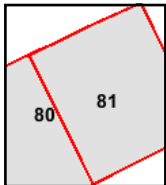
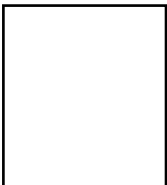
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 Copyright 1957

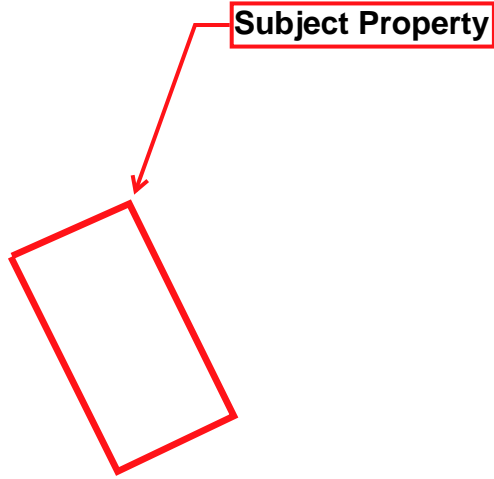


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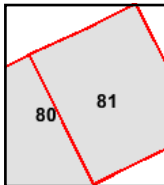
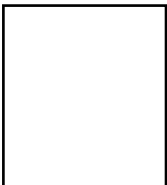
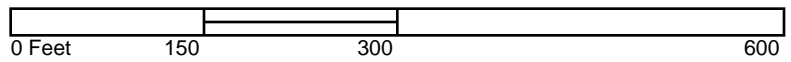
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 Certification # 62C5-4985-9362
 Copyright 1977

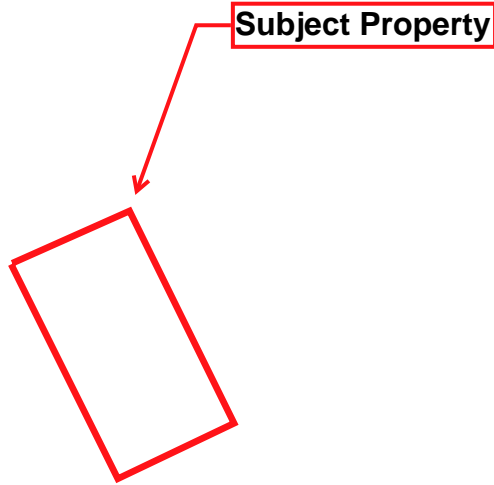


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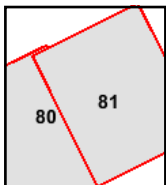
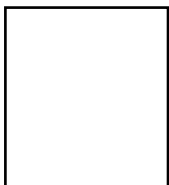
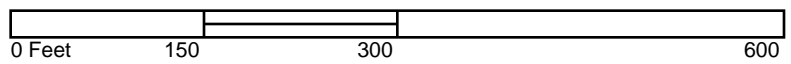
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 Client: PM Environmental, Inc.
 EDR Inquiry: 5743225.1
 Order Date: 08/06/2019
 Certification # 62C5-4985-9362
 Copyright 1989

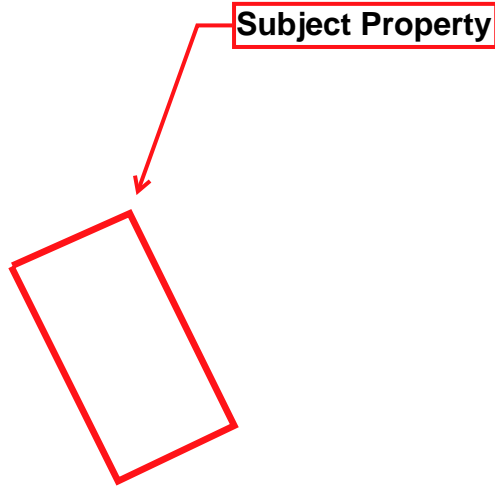


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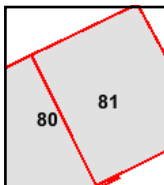
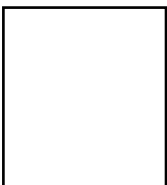
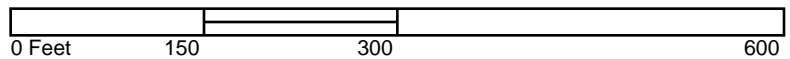
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 Copyright 1991

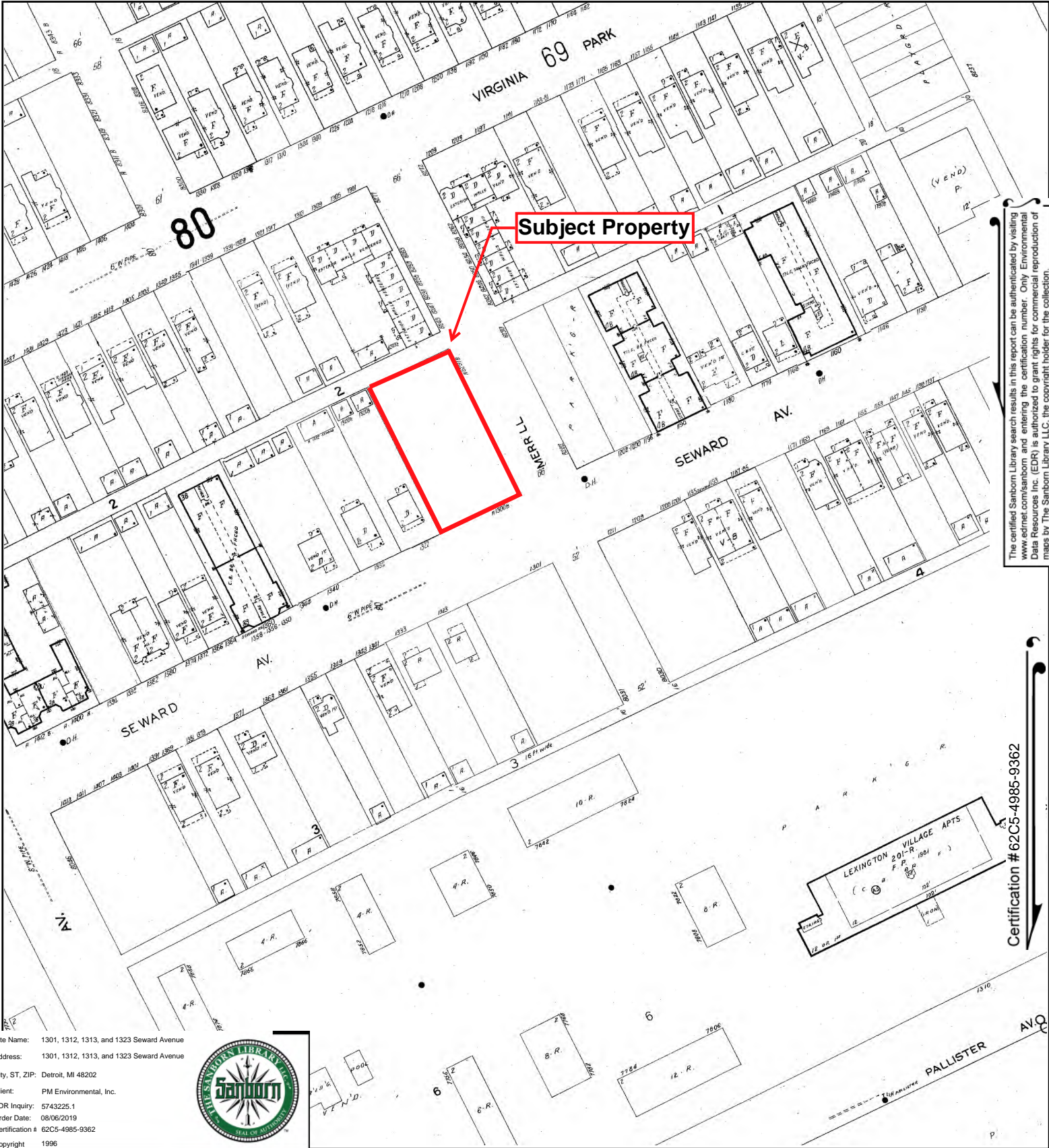


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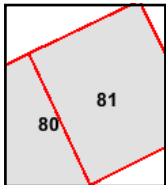
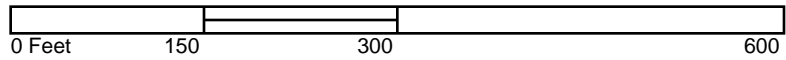
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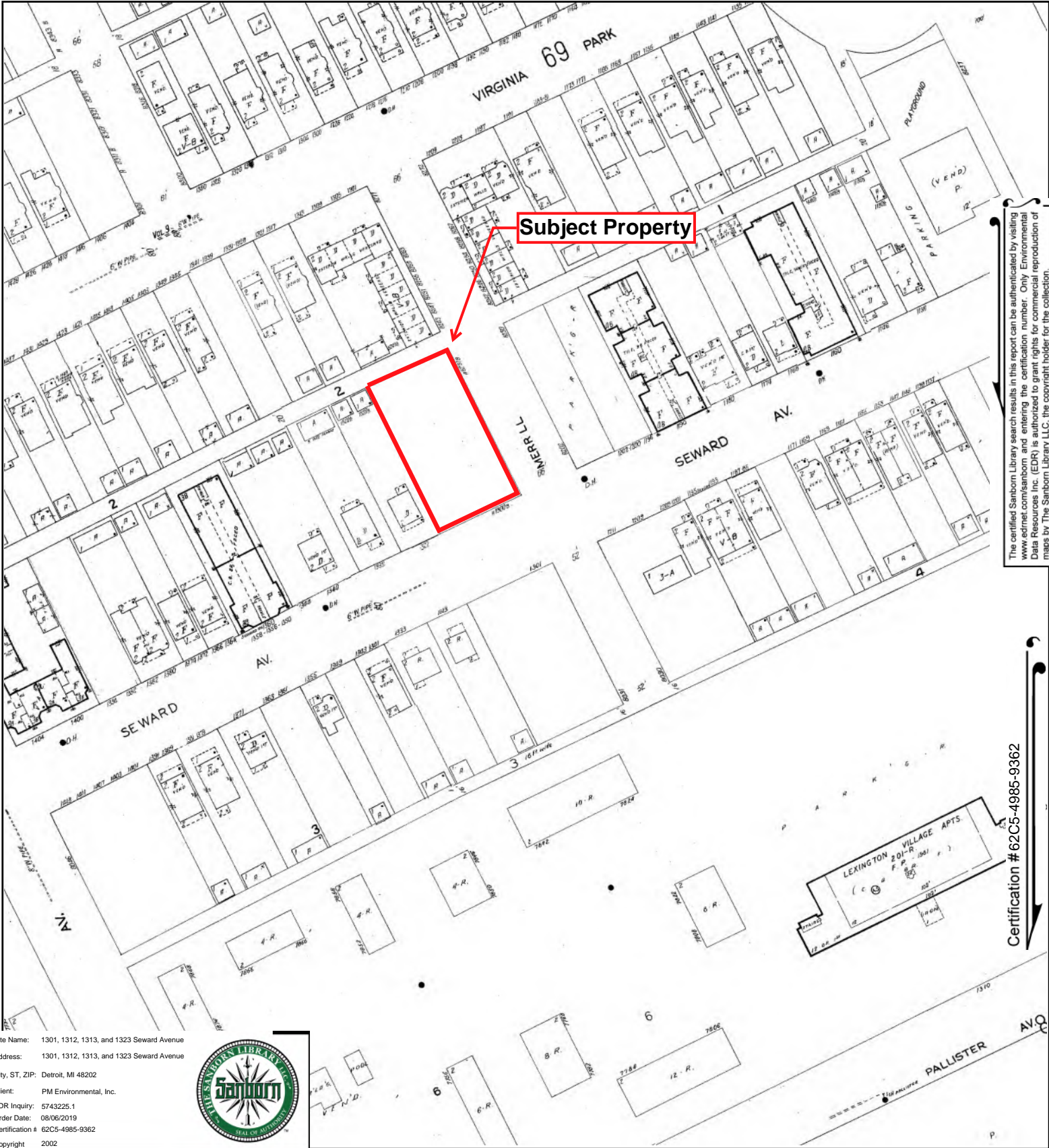


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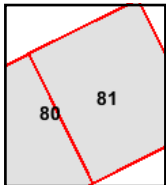
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 Client: PM Environmental, Inc.
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 Certification # 62C5-4985-9362
 Copyright 2002



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ASSESSING DEPARTMENT RECORDS

1312 SEWARD 48206 (Property Address)

Parcel Number: 06001746.



Item 1 of 1

[1 Image / 0 Sketches](#)**Property Owner:** MERRILL DEVELOPMENT LLC**Summary Information**

> Assessed Value: \$8,500 | Taxable Value: \$8,500

> Property Tax information found

Owner and Taxpayer Information

Owner	MERRILL DEVELOPMENT LLC 18701 GRAND RIVER AVENUE SUITE 351 DETROIT, MI 48223	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2019

Property Class	402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT PUBLIC SCHOOLS	Assessed Value	\$8,500
WARD#	06	Taxable Value	\$8,500
DISTRICT	6	State Equalized Value	\$8,500
ASMT CODE	<i>Not Available</i>	Date of Last Name Change	06/20/2019
RELATED #	<i>Not Available</i>	Notes	<i>Not Available</i>
Historical District	<i>Not Available</i>	Census Block Group	<i>Not Available</i>
COUNCIL #	<i>Not Available</i>	Exemption	<i>No Data to Display</i>

Principal Residence Exemption Information**Homestead Date** *No Data to Display*

Principal Residence Exemption	June 1st	Final
2019	0.0000 %	0.0000 %

Land Information

Zoning Code	R3	Total Acres	0.390
Land Value	\$17,000	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	<i>No Data to Display</i>
ECF Neighborhood	<i>Not Available</i>	Mortgage Code	<i>No Data to Display</i>
Lot Dimensions/Comments	<i>Not Available</i>	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	97.00 ft	175.00 ft
Total Frontage: 97.00 ft		Average Depth: 175.00 ft

Legal Description

N SEWARD E 3 FT 3 2-1 BLK 13 BECKS SUB L4 P59 PLATS, W C R 6/109 96.50 X 175.22

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
03/29/2019	\$1.00	CD	S & S DEVELOPMENT GROUP	MERRILL DEVELOPMENT LLC	MULTI PARCEL REF	2019150091
05/31/2018	\$18,622.00	QCD	CITY OF DETROIT-P&DD	S & S DEVELOPMENT GROUP	MULTI PARCEL SALE	2018187633
04/01/1969	\$65,500.00	WD			VALID ARMS LENGTH	00005:08820

BUILDING DESCRIPTION	AMOUNT
FOUNDATION POET C B BR CONC SLAB	
BASEMENT: NO FULL PART X	
ROOF ASPH COMP WD OTHER	
FIREPLACE NO NAT DOUBLE	
HEAT LOVD FL FURN WALL FURN GAS FINA STRAM H W ARCOLA RAD ELEC	
BURNER: NO GAS OIL STOKER	
BATH FLOOR WALL	
X BATH FLOOR WALL	
X BATH FLOOR WALL	
LAV LOCATION FL W	
X LAV LOCATION FL W	
SHALL SHOWER	
INTERIOR FINISH	
ROOMS IN ATTIC	
KITCHEN	
REC ROOM	
MISC	
AIR COND YES NO TONNAGE	
PORCH TERRACE ETC	
DESCRIPTION SQ FEET RATE	
TRANSFER TO APPRAISAL REPORT FORM TOTAL	
GARAGE AGE	
DESCRIPTION SQ FT SIZE RATE AMOUNT	
GAR.	
DRIVE	
DOORS	
MISC	
TRANSFER TO APPRAISAL REPORT FORM TOTAL	
SUPERVISOR'S APPROVAL	

USE _____ STY. HT. _____ EXT. WALLS _____ AGE _____ AREA _____ CLASS _____

RESIDENTIAL BUILDING APPRAISAL REPORT FORM

ACCM. NO	AGE	ASSN STATUS	STORY HEIGHT	STRU CODE	AREA	YEAR BUILT	DEP.	RATE	TONN	FUNCT.	COUN	
15-18	19-21	22-24	25-27	PR-29	30-33	40-42	43-44	45-52	53-56	57-59	60-62	73

SKETCH

AREA COMPUTATIONS

Bldg off when 18000 sq ft
then compute 1021/9
or

PORCH COMPUTATIONS

MISC. STRUCTURES

CITY OF DETROIT BOARD OF ASSESSORS
RESIDENTIAL APPRAISAL RECORD

BETWEEN MERRILL
AND P.O.E.
L.V.M. 27
ZONING _____
STREET _____ ALLEY _____
WIDTH _____
PAVED _____
UNPAVED _____

LAND DIMENSIONS	
FRONT	DEEP

Hand 6 Item 1746
House No. 1312
W. Seward 1, 2, + E 3' of 3.
6/109 *96.5 X 175.22*

3910 LAND APPRAISAL REPORT FORM

ASSEM. NO.	LAND USE	ASSEM. STATUS	L.V.M.	ZONING	FRONT	DEPTH	RATE	OBSOL. #1	OBSOL. #2	OBSOL. #3
15-18	19-21	22-24	25-27	28-29	30-39	40-44	45-52	53-56	57-59	60-62

GENERAL NOTATIONS

Transferred from 10-81
BLDG OFF PER
FIELD CHECK
10/29/81
FBI

SALES AND RENTAL DATA

DATE	TYPE OF SALE	PRICE	RENTAL INFORMATION

BUILDING PERMITS

DATE	PERMIT NO.	TYPE OF IMPROVEMENT	SIZE	COST

BUILDING IMP. SINGLE INCOME 2-3-4-5-6-7 FLAT OTHER _____ STY. HT. 1 1½ 2 2½ GAR. YES NO
BSMT.: NO PART FULL EXT WALLS FR. ASB. ASPH. ALUM. FACE 4 FACE FRT. H.B. COM. OTHER _____

DATE	1981	1982	1983	1984	1985	1986	1987	1988
APPR. BY	<i>11/10</i>							
D. P. FORM								
ASSES. REV.								
S. OF R.								
S. T. C.								

NOTES

FIELD SURVEY _____ TRANS. BY _____ CHECKED _____ D. P. FORM _____

BUILDING DESCRIPTION	AMOUNT	USE	STY.	HT.	EXT. WALLS	AGE	AREA	CLASS
FOUNDATION POST C.B. BR. CONC SLAB								
BASEMENT NO FULL PART X								
ROOF ASPH. COMP. WD. OTHER								
FIREPLACE NO. NAT DOUBLE								
HEAT STOVE FL. PURN. WALL PURN. HANG FHA STRAM H.W. ARCOLA RAD. ELEC								
BURNER: NO GAS OIL STOKER								
BATH FLOOR WALL								
X BATH FLOOR WALL								
X BATH FLOOR WALL								
LAV. LOCATION FL. W.								
X LAV LOCATION FL. W.								
STALL SHOWER								
INTERIOR FINISH								
ROOMS IN ATTIC								
KITCHEN								
REC. ROOM								
MISC.								
AIR COND YES NO TONNAGE								

RESIDENTIAL BUILDING APPRAISAL REPORT FORM													
AREA NO	USE	ANR/STATUS	STORY HEIGHT	STRU CODE	AREA	YEAR BUILT	DEF.	RATE	COND	FUNCT	ECON.	PT	
15-18		19-21	22-24	25-27	28-29	30-33	40-42	43-44	45-52	53-56	57-59	60-62	73

SKETCH													
*	*	*	*	*	*	*	*	*	*	*	*	*	*

PORCH, TERRACE ETC			
DESCRIPTION	SQ. FEET	RATE	AMOUNT
TRANSFER TO APPRAISAL REPORT FORM	TOTAL		

GARAGE			
DESCRIPTION	SQ. FT./SIZE	RATE	AMOUNT
GAR.			
DRIVE			
DOORS			
MISC.			
TRANSFER TO APPRAISAL REPORT FORM	TOTAL		

SUPERVISOR'S APPROVAL _____

AREA COMPUTATIONS
 *BLDG OFF WHEN TRANSFERRED
 FROM Commercial
 10/29/81
 SH

PORCH COMPUTATIONS
 MISC. STRUCTURES

CITY OF DETROIT BOARD OF ASSESSORS
RESIDENTIAL APPRAISAL RECORD

BETWEEN MERRILL
AND POE
L.V.M. 27
ZONING _____
STREET _____ ALLEY _____
WIDTH _____
PAVED _____
UNPAVED _____

LAND DIMENSIONS	
FRONT	DEEP

Hard 6 Item 1746
House No. 1312
W. Seward 1, 2, + E 3' of 3.

6/109

96.5 X 175.22

3910 LAND APPRAISAL REPORT FORM

ASSN. NO.	LAND USE	ASSM. STATUS	L.V.M.	ZONING	FRONT	DEPTH	RATE	OBSOL. #1	OBSOL. #2	OBSOL. #3
15-18	19-21	22-24	25-27	28-29	30-39	40-44	45-52	53-56	57-59	60-62

GENERAL NOTATIONS

Transferred from Cym 10-81
BLDG OFF PER
FIELD CHECK
10/29/81
FI

SALES AND RENTAL DATA

DATE	TYPE OF SALE	PRICE	RENTAL INFORMATION

BUILDING PERMITS

DATE	PERMIT NO.	TYPE OF IMPROVEMENT	SIZE	COST

BUILDING IMP. SINGLE INCOME 2-3-4-5-6-7 FLAT OTHER _____ STY. HT. 1 1½ 2 2½ GAR. YES NO
BSMT.: NO PART FULL EXT. WALLS FR. ASB. ASPH. ALUM. FACE 4 FACE FRT. H.B. COM. OTHER _____

DATE	1981	1982	1983	1984	1985	1986	1987
APPR. BY	<i>FI</i>						
D. P. FORM							
ASSES. REV.							
S. OF R.							
S. I. C.							

NOTES

FIELD SURVEY _____ TRANS. BY _____ CHECKED _____ D. P. FORM _____

Appendix C



PREVIOUS SITE INVESTIGATION

**PHASE I ENVIRONMENTAL
ASSESSMENT
FOR THE PROPERTY
LOCATED AT
1312 SEWARD
DETROIT, MICHIGAN**

Prepared for

Ms. Sauda Shakoor-Ahmad of
S & S Development Group, LLC

By

Mr. Roger F. Redlien
Geological Engineer

Triad Environmental Services
6923 48th Avenue
6924 Hudsonville, MI 49426

June 20, 2006

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- 1) FIGURE #1 – SITE LOCATION MAP
- 2) FIGURE #2 – TOPOGRAPHICAL MAP
- 3) FIGURE #3 – NEARBY CONTAMINATION
- 4) TABLE #1 – CERCLIS (ACTIVE & ARCHIVED)
- 5) TABLE #2 – NATIONAL PRIORITY LISTING
- 6) TABLE #3 – NATIONAL RESPONSE CENTER (ERNS)
- 7) TABLE #4 – GENERATORS (LARGE & SMALL)
- 8) TABLE #5 – SOLID WASTE LANDFILLS IN MICHIGAN
- 9) TABLE #6 – TREATMENT, STORAGE AND DISPOSAL FACILITIES FOR HAZARDOUS WASTE
- 10) TABLE #7 – UNDERGROUND STORAGE TANKS
- 11) TABLE #8 – DEPARTMENT OF ENVIRONMENTAL QUALITY – 201 SITES
- 12) TABLE #9 – LEAKING UNDERGROUND STORAGE TANKS

PICTURES

PICTURE A – APARTMENTS TO NORTH

PICTURE B – HOUSE TO WEST

PICTURE C – VACANT LOT TO SOUTH

PICTURE D – APARTMENTS TO EAST



**PHASE I ENVIRONMENTAL
ASSESSMENT
FOR THE PROPERTY
LOCATED AT
1312 SEWARD STREET
DETROIT, MICHIGAN**

INTRODUCTION AND PURPOSE

Triad Environmental Services (TES) of Hudsonville, Michigan has been requested by Ms. Sauda Shakoor-Ahmad of S & S Development Group, LLC to conduct a Phase I Environmental Assessment for the property located at 1312 Seward Street, Detroit, Wayne County, Michigan. For the purposes of this report this property will be referred to as the "subject site". This study was prompted by a potential real estate loan. Although blatant disregards for the environment appear to be minimal at the subject site, federal legislation enforced by the United States Environmental Protection Agency (USEPA) can allow a state to hold responsible any contamination or environmental degradation detected at a site to that of the present owner and/or mortgagor. To aid in her "Due Diligence" obligations, Ms. Shakoor-Ahmad has requested TES to produce a confidential Phase I Environmental Assessment. This assessment will provide valid environmental information including 1) a thorough review of pertinent background information pertaining to the subject site's environment and 2) a detailed field reconnaissance investigation of the subject site. All database research, fieldwork and interviewing for this environmental assessment was conducted by TES representative, Mr. Roger Redlien.

TES has prepared this report for the benefit of Ms. Sauda Shakoor-Ahmad, S & S Development Group, LLC and ShoreBank Development Corporation and should not be relied upon by any other person or entity without written authorization of TES.

BACKGROUND SITE INFORMATION

The primary purpose for reviewing the available subject site information during an environmental assessment is to identify past operations or incidents, occurring either on-site or at nearby sites, that might possibly impact the subject site's present environmental conditions. For this reason the TES research investigator initiated performance of the environmental assessment conducted for the properties, which are located at 1312 Seward Street, Detroit by gathering and reviewing several state and federal databases and conducting an on-site

investigation. Database information was collected from the federal United States Environmental Protection Agency (USEPA) CERCLIS database, Michigan Department of Environmental Quality (MDEQ) Leaking Underground Storage Tank (LUST) list, MDEQ Environmental Response (ERD) - Part 201 list, MDEQ Underground Storage Tank (UST) list, Solid Waste Division's list and the Treatment, Storage or Disposal Facilities list. Historical background information was obtained from Ms. Sauda Shakoor-Ahmad, the prospective owner of the property and Mr. Cox, an adjacent property owner for the past 23 years. Finally, Federal Storm Water Criteria were also reviewed. The following sections describe the background information found pertinent in performing the environmental assessment conducted at the referenced site.

SITE LOCATION AND DESCRIPTION

The Site, which is located at 1312 Seward Street, Detroit, Michigan, has a parcel number of 06001746 and is located on the northwestern corner of the intersection of Seward Street and Merrill Street. Geologically, it appears to be located in Northeast Quarter (NE ¼) of Section 36, Town 1 South, Range 11 East, City of Detroit, Wayne County, Michigan. Its legal description as provided by the City of Detroit Property database is as follows:

“North Seward East 3 feet 3 2-1 Block 13 Becks Subdivision, Liber 4 page 59 of Plats, W C R 6/109 96.50 X 175.22.”

This vacant rectangular-shaped property consists of level grassy vegetation, concrete sidewalks on its southern and eastern sides and piles of construction materials located on its northern border. These piles are associated with the renovations that are taking place on the property to the north along Merrill Street.

Access to the property is only from Merrill Street to the east. While no utilities are currently used at the site, utilities available to it are: electricity, telephone, natural gas and municipal water and sewer.

The subject site is surrounded by Merrill Street followed by apartments to the east, by an alley followed by apartments to the north and by residential properties to the west and by Seward Street followed by a vacant lot to the south. Please see Figure #1 – Site Location Map.

IMPROVEMENT AND USAGE HISTORY

According to Ms. Sauda Shakoor-Ahmad, the prospective owner of the property and confirmed by Mr. Cox, an adjacent property owner for the past 23 years, the property has lain vacant for approximately 25 years. Prior to that there were apartment complexes on the property.

NEARBY CONTAMINATED SITES

By checking various databases supplied by the state and/or the federal government, several sites with either known or potential contamination were found and listed in the tables below. Each table will provide: 1) what database was utilized, 2) what radius of interest was used, and 3) the name and address of each site within the radius of interest.

TABLE #1

CERCLIS – Both Active and Archived
(0.5 Mile)

NO FACILITIES WERE FOUND WITHIN A HALF-MILE RADIUS OF THE SITE.

TABLE #2

National Priority Listings
(1.0 Mile)

NO FACILITIES WERE FOUND WITHIN A ONE-MILE RADIUS OF THE SITE.

TABLE #3

National Response Center (formerly ERNS)
(The Site Itself)

NO SPILLS WERE NOTED AT THIS SITE.

TABLE #4

Generators (Large & Small)
(The Site Itself & Adjacent Properties)

NO GENERATORS OF HAZARDOUS WASTER WERE LISTED AT THE SITE OR ON
ADJACENT PROPERTIES.

TABLE #5

Solid Waste Landfills in Michigan
(1 Mile)

NO FACILITIES WERE FOUND WITHIN A ONE-MILE RADIUS OF THE SITE.

TABLE #6

Treatment, Storage and Disposal Facilities for Hazardous Waste
(1 Mile)

NO FACILITIES WERE FOUND WITHIN A ONE-MILE RADIUS OF THE SITE.

TABLE #7

Underground Storage Tank
(Subject site and adjacent properties)

NO UNDERGROUND STORAGE TANKS HAVE BEEN REGISTERED AT THE SITE OR
ON ADJACENT PROPERTIES.

TABLE #8

Department of Environmental Quality - 201 Division
(1 Mile)

NO FACILITIES WERE FOUND WITHIN A ONE-MILE RADIUS OF THE SITE.

TABLE #9

Leaking Underground Storage Tank
 (1 Mile)
 (Open List)

1)	Baltimore Cass Parking	0.8 Mile ESE	31 W. Baltimore St.
2)	Detroit Medical Center	0.7 Mile NE	8282 Woodward Ave.
3)	Former Chevrolet Creative Ser.	0.9 Mile SE	440 Burroughs
4)	Former Concord Super Service	0.5 Mile SSE	1100 Baltimore
5)	Former Shell Station	0.8 Mile NE	8901 Woodward Ave.
6)	Next Energy Center	0.9 Mile SE	6000 Second Ave.
7)	Rej Oil Co	0.8 Mile NNE	613 Clairmount
8)	Supreme Mini Mart Inc	0.9 Mile NE	9101 Woodward Ave.
9)	City of Detroit	1.0 Mile W	8850 Linwood St.
10)	H & M Citgo	0.9 Mile W	8406 Linwood St.
11)	Dht Transportation	0.65 Mile S	6150 Rosa Park Blvd.
12)	Freemans Gas	1.0 Mile SW	6471 Linwood St.
13)	Linwood Gas & Food Inc	1.0 Mile SW	6571 Linwood St.
14)	Stinson Funeral Home	0.4 Mile S	1540 W. Grand Blvd

Site topography as indicated on both the Detroit Topographical Quadrangle and the site visit show that the site is situated on a slight southeastern slope draining towards the Detroit River, which is approximately 3.5 miles away. See Figure #2 for a Topographic Map of the area. Without conducting hydro-geologic studies, it is assumed that the groundwater will behave similar to the surface water and be directed to the southeast. Thus only sites located northwest of the subject site have the capacity of adversely affecting it if groundwater flow from those sites does not intersect the man-made lake.

From the database results listed above, there are no sites with known contamination that meet this criterion.

CLEAN WATER ACT - STORM WATER RUNOFF COMPLIANCE

Since this property has been residential housing and is currently vacant property, it is not regulated under the federal storm water regulations at 40 CFR 122.26(b)(14).

FIELD INVESTIGATION

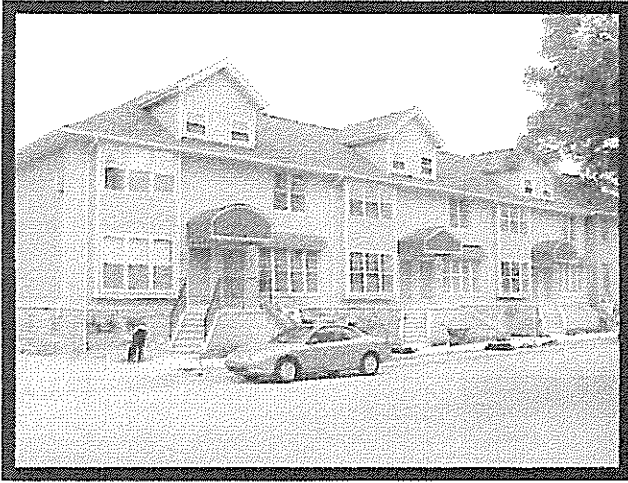
On Wednesday, June 18, 2008, TES field staff representative, Roger Redlien, conducted a field reconnaissance inspection of the subject site. The field inspection included noting all visible signs of possible environmental impaction and contamination.

Weather conditions during the inspection were warm (60's ° F), slight breezes (wind speeds ranging from 0-5 mph) and cloudy.

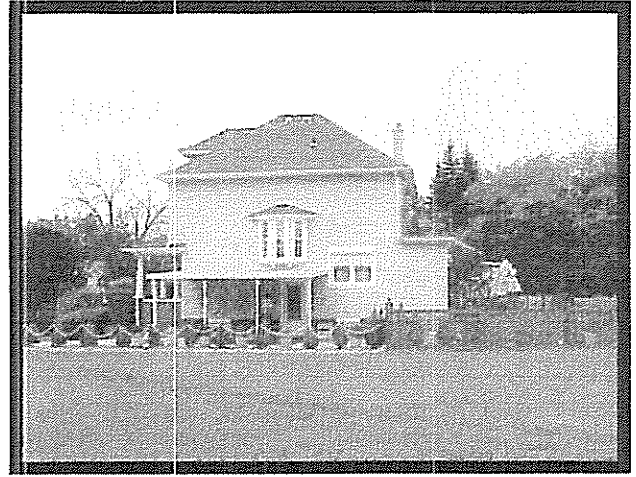
The visual inspection encompassed the subject site as a whole, checking for both sources and pathways that contamination could emanate from the property and adversely affect the health and welfare of the general public. The following observations were noted:

- The site is situated in a residential area with newly renovated apartments to the north (Picture A), a single family home to the west (Picture B), Seward Street followed by a vacant lot to the south (Picture C) and Merrill Street followed by parking and an apartment building to the east (Picture D). All pictures may be seen on the next page.
- The subject site is currently vacant land with sidewalks along its southern and eastern sides and piles of construction materials along its northern border. See the picture at the beginning of this report.

- No containers that contain hazardous waste or petroleum-based products were found any where on the property.
- No evidence of electrical transformers, underground storage tanks or aboveground storage tanks was found on this property.



PICTURE A – APARTMENTS TO NORTH



PICTURE B – HOUSE TO WEST



PICTURE C – VACANT LOT TO SOUTH



PICTURE D – APARTMENT TO EAST

CONCLUSIONS AND RECOMMENDATIONS

The current available information suggests that the following conclusions and recommendations should be made. These are:

- 1) Current available data suggests that there are no off-site sources of known contamination that meet the directional criteria of having the capability of adversely impacting the subject site. No additional investigation is warranted at this time for this concern.
- 2) No evidence of any underground storage tanks, aboveground storage tanks or transformers was observed on this site. No additional investigation is warranted at this time for this concern.
- 3) There are no containers observed anywhere on the property that might hold hazardous waste or petroleum-based products. No additional investigation is warranted at this time for this concern.
- 4) This property was once the site of an apartment complex that no longer exists. The building has been demolished and the resulting excavation backfilled with unknown materials.

In summary, current available information suggests that this property should not be adversely affected by any off-site sources, past operations or current activities and therefore is environmentally sound. Prior to excavating the property for construction, you may want to know if there any metal tanks or barrels left in the former excavation. TES can conduct an Electro-Magnetic study to find these tanks or barrels if they exist. The cost would be \$500. This is only being suggested, not recommended.

LIMITATIONS AND EXCEPTIONS

The scope of work for the Phase I Environmental Assessment does not include sampling and/or testing for possible asbestos containing material (ACM), radon and lead in drinking water. A subsurface investigation is beyond the scope of a Phase I Assessment. A land survey of the property was not conducted as part of this study.

The information contained in this report was obtained through a combination of visual observations, review of public sources, and interviews with individuals. Triad Environmental Services (TES) makes no expressed or implied warranty regarding the accuracy or completeness of any secondary information contained in this report. Except where referenced elsewhere in this report, the specific dates mentioned were not verified by TES during this Phase I Environmental Assessment.

Contaminants may be hidden in subsurface materials through acts of nature or man. The presence of environmental conditions is not always obvious or found in predictable locations. TES, to the best of our knowledge and the information obtained, conducted a logical assessment program to reduce the risk of later discovering unknown contamination. Without conducting a subsurface investigation, TES cannot guarantee, certify, or warrant that the property is free of contamination. The more extensive the investigation, the greater the probability of finding potential or existing sources of contamination. However, even with very extensive exploration, it is not possible to say with total certainty that contaminants are not present at a particular site.

The information presented in this report, the conclusions presented herein, is based upon information gathered by TES representatives. Any limitations inherent in the scope of this investigation preclude TES from supplying any warrant beyond its commitment to provide a standard of care ordinarily practiced by environmental professionals, at this time, and under similar conditions.

While the program implemented in this study cannot guarantee that all on-site environmental contamination will be discovered, it does provide a broad scan and a cost-effective means for evaluating gross contaminant problems that might exist at the property site.

No limitations were encountered during the site inspection.

REFERENCES

Michigan Department of Environmental Quality, Environmental Response Division (201), Michigan Sites of Environmental Contamination Database. Database searched June 19, 2008.

Michigan Department of Environmental Quality, Storage Tank Division, Michigan Sites of Environmental Contamination - Leaking Underground Storage Tanks Database. Database searched June 19, 2008.

Michigan Department of Environmental Quality, Storage Tank Division, Michigan Underground Storage Tank Directory. Database searched June 19, 2008.

Michigan Department of Environmental Quality, Solid Waste Landfills in Michigan Database. Database searched June 19, 2008.

National Response Center, United States Coast Guard, Spills Database. Database searched June 19, 2008.

Resource Conservation and Recovery Act (RCRA), Treatment, Storage and Disposal Facilities of Hazardous Materials Database. Database searched June 19, 2008.

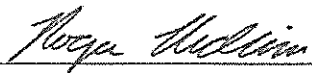
Resource Conservation and Recovery Act (RCRA), Large and Small Generator of Hazardous Wastes Database. Database searched June 19, 2008.

United States Environmental Protection Agency, CERCLIS and Archived Databases. Database searched June 19, 2008.

United States Environmental Protection Agency, NPL Databases. Database searched June 19, 2008.

SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. Site reconnaissance of the property was conducted on June 18, 2008.



Roger Redlien
Environmental Geologist
Triad Environmental Services

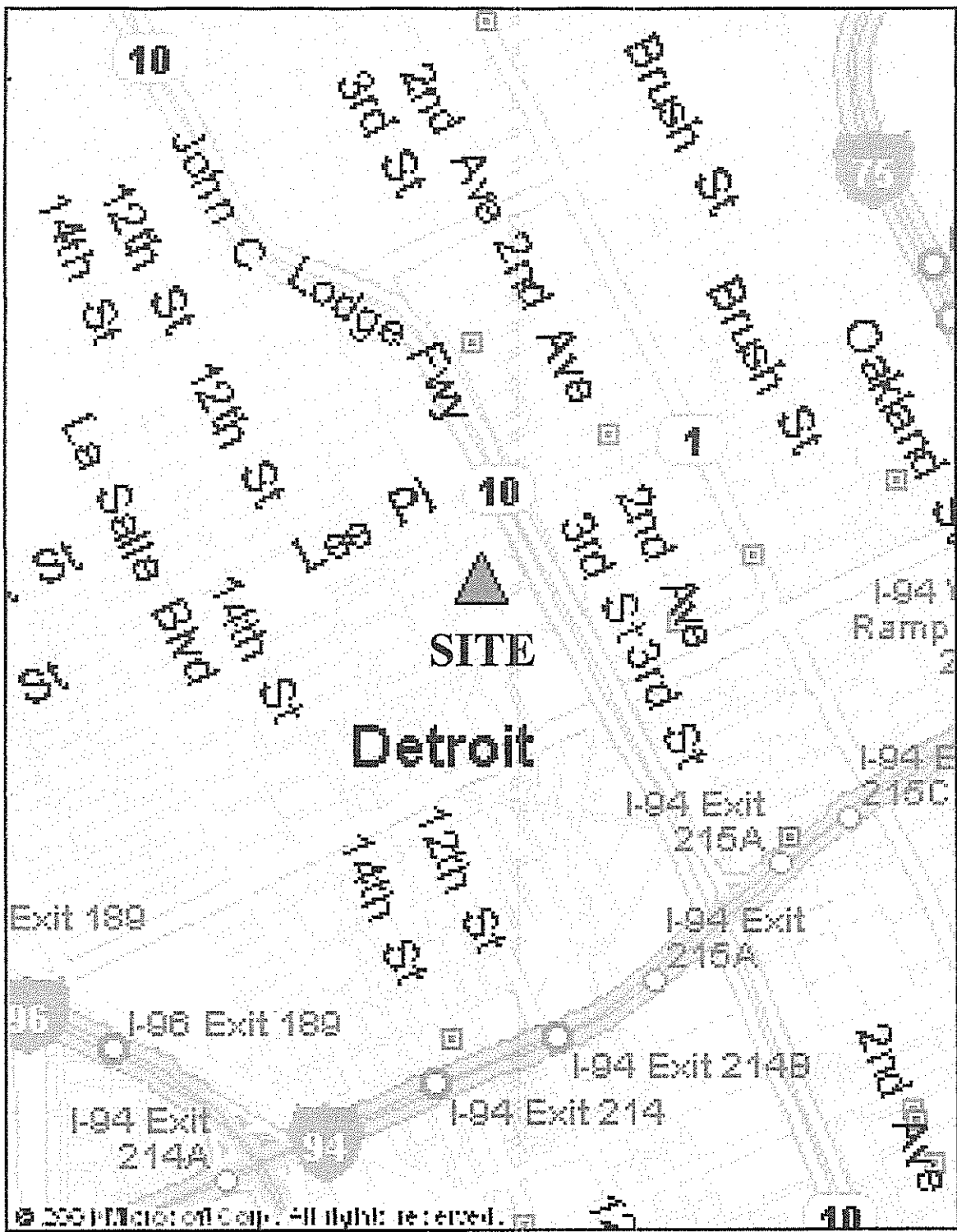
6-20-08

Date

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

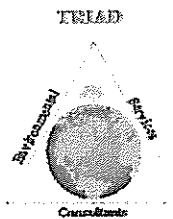
This report was researched and written by Triad Environmental Services' environmental professional, Roger F. Redlien. His educational degrees include: a BS in Applied Mathematics from Stetson University, a BS in Geological Engineering from the Colorado School of Mines and a Masters of Business Administration from Western Michigan University. He has been working as an Environmental Professional for the past 17 years both in Michigan, Florida, Texas, New York and the Mid-West.

FIGURES



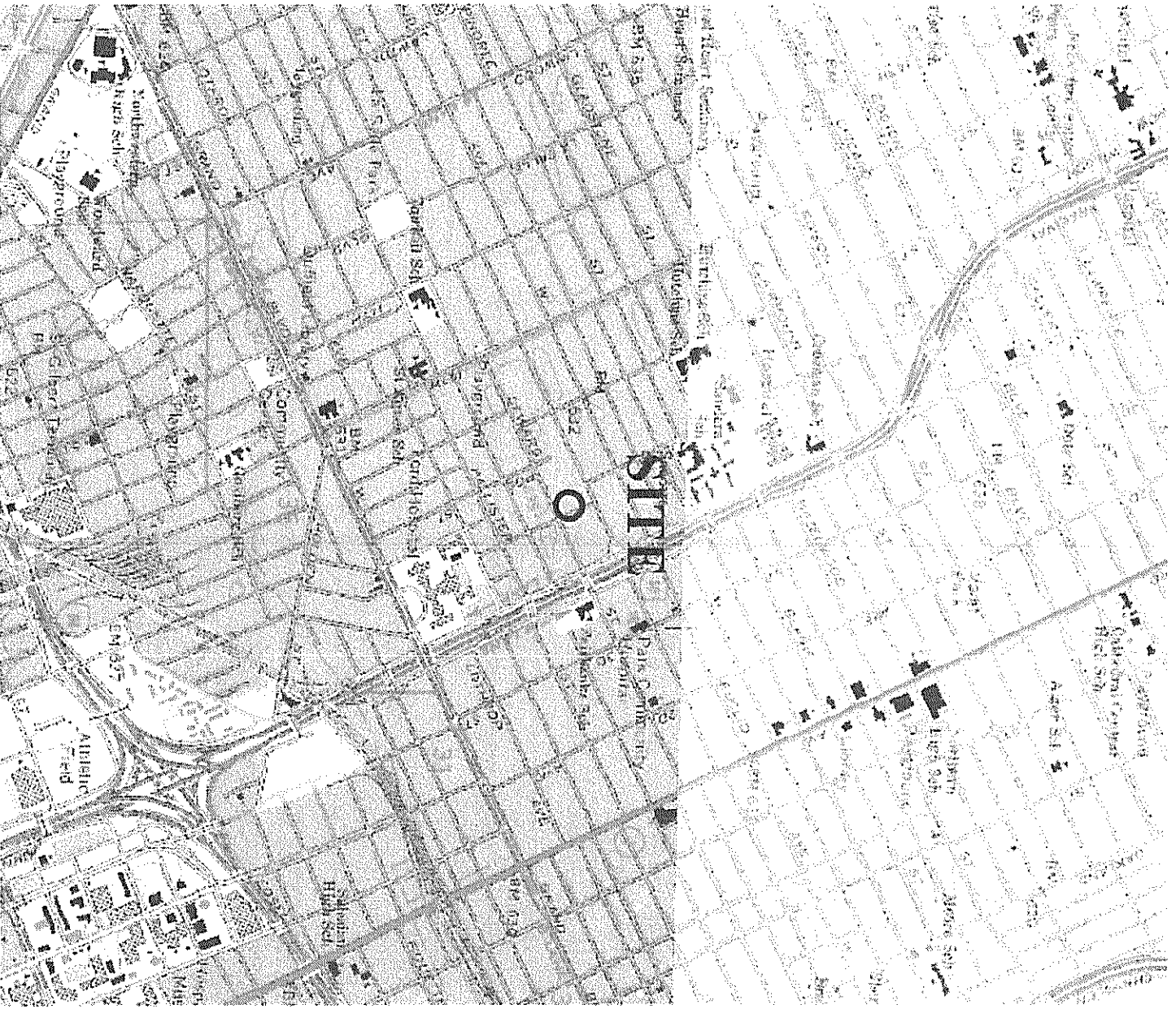
SITE LOCATION MAP
 1312 SEWARD
 DETROIT
 MICHIGAN

FIGURE #1 - SITE LOCATION MAP



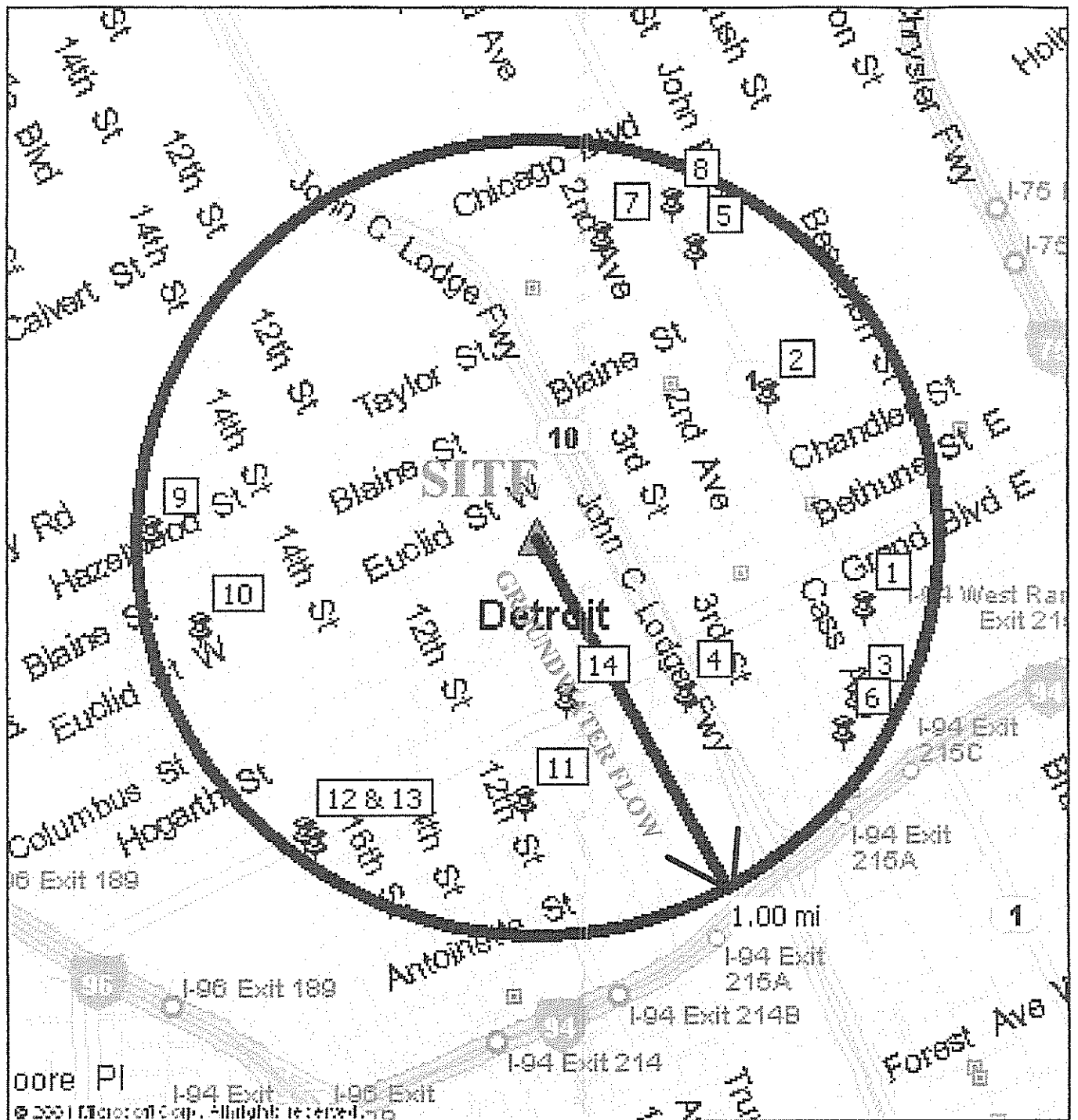
TRIAD Environmental Services
 6923 48th Avenue
 Hudsonville, MI 49426
 (616) 669-9885
 Fax: (616) 669-4029

Site Name: 1312 Seward
 Detroit, MI
 Drawn by: RFR
 Date: 06/19/08



TOPOGRAPHIC MAP
 1312 SEWARD
 DETROIT
 MICHIGAN

FIGURE #2 - TOPOGRAPHIC MAP	
	TRIAD TRIAD Environmental Services 6923 48th Avenue Hudsonville, MI 49426 (616) 669-9885 Fax: (616) 669-4029
Site Name: 1312 Seward Drawn by: RFR Date: 06/19/08	Allstate Field



NEARBY CONTAMINATION
 1312 SEWARD
 DETROIT
 MICHIGAN

FIGURE #3 - NEARBY CONTAMINATION

	TRIAD Environmental Services 6923 48th Avenue Hudsonville, MI 49426 (616) 669-9885 Fax: (616) 669-4029
	Site Name: 1312 Seward Detroit, MI Drawn by: RFR Date: 06/19/08

Appendix D



ENVIRONMENTAL DATABASE SEARCH

1301, 1312, 1313, 1323 Seward Ave
1301, 1312, 1313, 1323 Seward Ave
Detroit, MI 48202

Inquiry Number: 05750859.2r
August 13, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1301, 1312, 1313, 1323 SEWARD AVE
DETROIT, MI 48202

COORDINATES

Latitude (North): 42.3706970 - 42° 22' 14.50"
Longitude (West): 83.0878480 - 83° 5' 16.25"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 328088.2
UTM Y (Meters): 4692833.0
Elevation: 634 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6066264 DETROIT, MI
Version Date: 2014

North Map: 6067814 HIGHLAND PARK, MI
Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140628
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
1301, 1312, 1313, 1323 SEWARD AVE
DETROIT, MI 48202

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOI SHOON	1117 SEWARD AVE	EDR Hist Cleaner	Lower	495, 0.094, ENE
A2	HAMILTON BOULEVARD C	8051 JOHN C LODGE FW	EDR Hist Cleaner	Lower	609, 0.115, NE
B3	HALL CLEANERS	8215 JOHN C LODGE FW	EDR Hist Cleaner	Lower	612, 0.116, NE
B4	S T C AMY S CLEANERS	8263 JOHN C LODGE FW	EDR Hist Cleaner	Lower	615, 0.116, NE
C5	1500 E. EUCLID AVENU	1500 E. EUCLID AVENU	MI INVENTORY	Lower	898, 0.170, WNW
C6	DTE ENERGY	1500 EAST EUCLID AVE	MI INVENTORY	Lower	898, 0.170, WNW
7	MI DEPT/TRANSPORTATI	M 10 UNDER SEWARD AV	RCRA-CESQG	Lower	980, 0.186, ENE
D8	FAIRBANK ELEM SCHOOL	8000 JOHN C LODGE FW	RCRA NonGen / NLR, FINDS, ECHO	Lower	1002, 0.190, ENE
D9	HENRY FORD HEALTH SY	8000 JOHN C LODGE	MI BEA, MI WDS	Lower	1002, 0.190, ENE
10	VILLAGE CENTER	901 PALLISTER ST	MI UST	Lower	1191, 0.226, East
11	SANDERS SCHOOL	8700 BYRON ST	MI INVENTORY, MI WDS	Lower	1439, 0.273, NNW
12	DETROIT HOPE HOSPITA	801 VIRGINIA PARK ST	MI LUST, MI UST, MI WDS	Lower	1441, 0.273, NE
E13	HENRY FORD HOSPITAL	2799 W GRAND BLVD	RCRA-LQG, MI LUST, MI UST, ICIS, MLTS, US AIRS,...	Lower	1690, 0.320, SSE
14	FORMER GAS STATION	803 PHILADELPHIA	MI LUST, MI INVENTORY	Lower	1784, 0.338, NNE
E15	HENRY FORD HEALTH SY	2764 WEST GRAND BOUL	MI INVENTORY, MI BEA	Lower	1893, 0.359, SSE
16	2740 WEST GRAND BOUL	2740 WEST GRAND BOUL	MI INVENTORY	Lower	1915, 0.363, SSE
E17	GASPERS SUNOCO STATI	2790 WEST GRAND BOUL	MI INVENTORY	Lower	1927, 0.365, SSE
E18	HFHS - CANCER CENTER	2790 WEST GRAND BOUL	MI INVENTORY	Lower	1927, 0.365, SSE
E19	GASPERS SUNOCO	2790 W GRAND BLVD	MI LUST, MI UST, MI INVENTORY, MI NPDES, MI WDS	Lower	1927, 0.365, SSE
E20	GASPER'S SUNOCO (FOR	2790 WEST GRAND BOUL	MI BEA	Lower	1927, 0.365, SSE
E21	FORMER DON'S SUNOCO	2790 WEST GRAND BOUL	US BROWNFIELDS, FINDS	Lower	1927, 0.365, SSE
F22	FORMER GAS STATION	7541 12TH STREET (PA	MI LUST, MI INVENTORY	Lower	1971, 0.373, SW
23	HFHS SOUTH CAMPUS	2800 WEST GRAND BOUL	US BROWNFIELDS	Lower	1980, 0.375, SE
F24	LEXINGTON VILLAGE AP	7507-7549 ROSA PARKS	MI BEA	Lower	2039, 0.386, SW
F25	LEXINGTON VILLAGE AP	7507-7549 ROSA PARKS	MI INVENTORY	Lower	2039, 0.386, SW
F26	7507-7549 ROSA PARKS	7507-7549 ROSA PARKS	MI INVENTORY	Lower	2051, 0.388, SW
G27	THIRD & GRAND LLC	2905-2921 WEST GRAND	MI INVENTORY	Lower	2097, 0.397, ESE
G28	2905-2921 W GRAND BL	2905-2921 W GRAND BL	MI INVENTORY	Lower	2097, 0.397, ESE
H29	HUTCHINS INTERMEDIAT	1501 HAZELWOOD STREE	MI INVENTORY	Lower	2273, 0.430, NW
H30	1501 HAZELWOOD STREE	1501 HAZELWOOD STREE	MI INVENTORY	Lower	2273, 0.430, NW
G31	KENNETHS BEAUTY SALO	2922 W GRAND BLVD	MI LUST, MI UST	Lower	2301, 0.436, ESE
32	FORMER GAS STATION	2940 WEST GRAND BLVD	MI BROWNFIELDS	Lower	2395, 0.454, ESE
33	YESRE REALTY, LLC	7441 SECOND AVENUE	MI INVENTORY	Lower	2490, 0.472, East
I34	HERMAN KIEFER HEALTH	1151 TAYLOR ST	MI LUST, MI UST, MI WDS	Higher	2539, 0.481, NNW
I35	1151 TAYLOR STREET A	1151 TAYLOR STREET A	MI INVENTORY	Higher	2539, 0.481, NNW
J36	VACANT APARTMENT BUI	6420 STERLING STREET	MI INVENTORY, MI BEA	Lower	2542, 0.481, SSE
37		W. GRAND BLVD. AND R	MI BEA	Lower	2543, 0.482, SSW
K38	FORMER CONCORD SUPER	1100 W BALTIMORE ST	MI LUST, MI UST, MI BROWNFIELDS, MI INVENTORY	Lower	2549, 0.483, SE
K39	CONCORD SUPER SERVIC	1100 WEST BALTIMORE	MI BEA	Lower	2549, 0.483, SE

MAPPED SITES SUMMARY

Target Property Address:
 1301, 1312, 1313, 1323 SEWARD AVE
 DETROIT, MI 48202

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	CONCORD SUPER SERVIC	1100 W BALTIMORE ST	MI INVENTORY, MI WDS	Lower	2549, 0.483, SE
J41	HENRY FORD HEALTH SY	1494 HOLDEN STREET	MI BEA	Lower	2602, 0.493, SSE
J42	COMMERCIAL PROPERTY	1494 HOLDEN STREET (MI INVENTORY	Lower	2602, 0.493, SSE
43	VACANT LOT KNOWN AS	64312 2ND AVENUE VAC	MI INVENTORY	Lower	2634, 0.499, NE
44	BETHUNE AND WOODWARD	50,60,70,80,100 BETH	MI DEL PART 201	Higher	3902, 0.739, East
45	65 PIQUETTE PROPERTY	65 PIQUETTE ST	MI BROWNFIELDS, MI PART 201, MI INVENTORY, MI BEA,...	Lower	4936, 0.935, ESE
46	STUDEBAKER CORPORATI	6230 JOHN R. ROAD	MI BROWNFIELDS, MI PART 201, MI INVENTORY	Higher	5111, 0.968, East

EXECUTIVE SUMMARY

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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

MI SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

MI AST..... Aboveground Tanks

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

State and tribal institutional control / engineering control registries

MI AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

MI HIST LF..... Inactive Solid Waste Facilities

MI SWRCY..... Recycling Facilities

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

MI CDL..... Clandestine Drug Lab Listing

US CDL..... National Clandestine Laboratory Register

Local Land Records

MI LIENS..... Lien List

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

MI SPILLS..... Pollution Emergency Alerting System

EXECUTIVE SUMMARY

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
MI AIRS.....	Permit and Emissions Inventory Data
MI COAL ASH.....	Coal Ash Disposal Sites
MI DRYCLEANERS.....	Drycleaning Establishments
MI LEAD.....	Lead Safe Housing Registry
MI UIC.....	Underground Injection Wells Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MI RGA PART 201.....	Recovered Government Archive State Hazardous Waste Facilities List
----------------------	--

EXECUTIVE SUMMARY

MI RGA LF..... Recovered Government Archive Solid Waste Facilities List
 MI RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MI DEPT/TRANSPORTATI EPA ID:: MIR000015065	M 10 UNDER SEWARD AV	ENE 1/8 - 1/4 (0.186 mi.)	7	9

State and tribal leaking storage tank lists

MI 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 MI LUST list, as provided by EDR, and dated 05/03/2019 has revealed that there are 8 MI LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HERMAN KIEFER HEALTH</i> Release Status: Closed Substance Release: Gasoline Facility Id: 00019063	<i>1151 TAYLOR ST</i>	<i>NNW 1/4 - 1/2 (0.481 mi.)</i>	<i>I34</i>	<i>79</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DETROIT HOPE HOSPITA</i>	<i>801 VIRGINIA PARK ST</i>	<i>NE 1/4 - 1/2 (0.273 mi.)</i>	<i>12</i>	<i>15</i>

EXECUTIVE SUMMARY

Release Status: Closed
 Substance Release: Diesel
 Facility Id: 00012921

HENRY FORD HOSPITAL Release Status: Closed Substance Release: Gasoline Substance Release: Diesel Facility Id: 00003932	2799 W GRAND BLVD	SSE 1/4 - 1/2 (0.320 mi.)	E13	17
FORMER GAS STATION Release Status: Open Substance Release: Unknown Facility Id: 50005722	803 PHILADELPHIA	NNE 1/4 - 1/2 (0.338 mi.)	14	59
GASPERS SUNOCO Release Status: Open Substance Release: Gasoline,Used Oil Substance Release: Unknown Facility Id: 00035414	2790 W GRAND BLVD	SSE 1/4 - 1/2 (0.365 mi.)	E19	61
FORMER GAS STATION Release Status: Open Substance Release: Unknown Facility Id: 50005519	7541 12TH STREET (PA	SW 1/4 - 1/2 (0.373 mi.)	F22	72
KENNETHS BEAUTY SALO Release Status: Closed Substance Release: Gasoline Facility Id: 00037747	2922 W GRAND BLVD	ESE 1/4 - 1/2 (0.436 mi.)	G31	77
FORMER CONCORD SUPER Release Status: Open Substance Release: Gasoline,Gasoline,Gasoline,Gasoline Facility Id: 00018372	1100 W BALTIMORE ST	SE 1/4 - 1/2 (0.483 mi.)	K38	82

State and tribal registered storage tank lists

MI 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 MI UST list, as provided by EDR, has revealed that there is 1 MI UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VILLAGE CENTER Database: UST, Date of Government Version: 02/06/2019 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00039829	901 PALLISTER ST	E 1/8 - 1/4 (0.226 mi.)	10	13

EXECUTIVE SUMMARY

State and tribal Brownfields sites

MI BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the MI BROWNFIELDS list, as provided by EDR, has revealed that there are 2 MI BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER GAS STATION Database: BROWNFIELDS, Date of Government Version: 01/15/2016 Facility Id: 00002289	2940 WEST GRAND BLVD	ESE 1/4 - 1/2 (0.454 mi.)	32	78
FORMER CONCORD SUPER Database: BROWNFIELDS, Date of Government Version: 01/15/2016 Facility Id: 00018372 Ernie Id Number: 82001811	1100 W BALTIMORE ST	SE 1/4 - 1/2 (0.483 mi.)	K38	82

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER DON'S SUNOCO ACRES property ID: 106385	2790 WEST GRAND BOUL	SSE 1/4 - 1/2 (0.365 mi.)	E21	67
HFHS SOUTH CAMPUS ACRES property ID: 210382	2800 WEST GRAND BOUL	SE 1/4 - 1/2 (0.375 mi.)	23	73

Local Lists of Hazardous waste / Contaminated Sites

MI PART 201: A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

A review of the MI PART 201 list, as provided by EDR, and dated 10/01/2013 has revealed that there are 2 MI PART 201 sites within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STUDEBAKER CORPORATI Facility Status: Inactive - no actions taken to address contamination Facility ID: 82001585	6230 JOHN R. ROAD	E 1/2 - 1 (0.968 mi.)	46	91

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
65 PIQUETTE PROPERTY Facility Status: Interim Response conducted - No further activities anticipated Facility ID: 82001639	65 PIQUETTE ST	ESE 1/2 - 1 (0.935 mi.)	45	88

MI INVENTORY: The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the MI INVENTORY list, as provided by EDR, and dated 04/23/2019 has revealed that there are 23 MI INVENTORY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1151 TAYLOR STREET A	1151 TAYLOR STREET A	NNW 1/4 - 1/2 (0.481 mi.)	I35	81
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1500 E. EUCLID AVENU Facility ID: 82002747	1500 E. EUCLID AVENU	WNW 1/8 - 1/4 (0.170 mi.)	C5	9
DTE ENERGY Facility ID: 82002747	1500 EAST EUCLID AVE	WNW 1/8 - 1/4 (0.170 mi.)	C6	9
SANDERS SCHOOL FORMER GAS STATION Facility ID: 50005722	8700 BYRON ST 803 PHILADELPHIA	NNW 1/4 - 1/2 (0.273 mi.) NNE 1/4 - 1/2 (0.338 mi.)	11 14	14 59
HENRY FORD HEALTH SY 2740 WEST GRAND BOUL GASPERS SUNOCO STATI Facility ID: 82003213	2764 WEST GRAND BOUL 2740 WEST GRAND BOUL 2790 WEST GRAND BOUL	SSE 1/4 - 1/2 (0.359 mi.) SSE 1/4 - 1/2 (0.363 mi.) SSE 1/4 - 1/2 (0.365 mi.)	E15 16 E17	59 60 60
HFHS - CANCER CENTER Facility ID: 82003213	2790 WEST GRAND BOUL	SSE 1/4 - 1/2 (0.365 mi.)	E18	61
GASPERS SUNOCO	2790 W GRAND BLVD	SSE 1/4 - 1/2 (0.365 mi.)	E19	61

EXECUTIVE SUMMARY

Facility ID: 82003213 Facility ID: 00035414				
FORMER GAS STATION Facility ID: 50005519	7541 12TH STREET (PA	SW 1/4 - 1/2 (0.373 mi.)	F22	72
LEXINGTON VILLAGE AP Facility ID: 82002989	7507-7549 ROSA PARKS	SW 1/4 - 1/2 (0.386 mi.)	F25	76
7507-7549 ROSA PARKS Facility ID: 82002989	7507-7549 ROSA PARKS	SW 1/4 - 1/2 (0.388 mi.)	F26	76
THIRD & GRAND LLC Facility ID: 82003197	2905-2921 WEST GRAND	ESE 1/4 - 1/2 (0.397 mi.)	G27	76
2905-2921 W GRAND BL Facility ID: 82003197	2905-2921 W GRAND BL	ESE 1/4 - 1/2 (0.397 mi.)	G28	76
HUTCHINS INTERMEDIAT 1501 HAZELWOOD STREE	1501 HAZELWOOD STREE	NW 1/4 - 1/2 (0.430 mi.)	H29	77
YESRE REALTY, LLC	7441 SECOND AVENUE	E 1/4 - 1/2 (0.472 mi.)	33	79
VACANT APARTMENT BUI	6420 STERLING STREET	SSE 1/4 - 1/2 (0.481 mi.)	J36	81
FORMER CONCORD SUPER Facility ID: 00018372	1100 W BALTIMORE ST	SE 1/4 - 1/2 (0.483 mi.)	K38	82
CONCORD SUPER SERVIC	1100 W BALTIMORE ST	SE 1/4 - 1/2 (0.483 mi.)	K40	86
COMMERCIAL PROPERTY	1494 HOLDEN STREET (SSE 1/4 - 1/2 (0.493 mi.)	J42	87
VACANT LOT KNOWN AS Facility ID: 82006869	64312 2ND AVENUE VAC	NE 1/4 - 1/2 (0.499 mi.)	43	88

MI DEL PART 201: A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

A review of the MI DEL PART 201 list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 MI DEL PART 201 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BETHUNE AND WOODWARD Facility Id: 82001722	50,60,70,80,100 BETH	E 1/2 - 1 (0.739 mi.)	44	88

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRBANK ELEM SCHOOL EPA ID:: MID985601327	8000 JOHN C LODGE FW	ENE 1/8 - 1/4 (0.190 mi.)	D8	11

MI BEA: A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the MI BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there are 8 MI BEA sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HENRY FORD HEALTH SY	8000 JOHN C LODGE	ENE 1/8 - 1/4 (0.190 mi.)	D9	13
HENRY FORD HEALTH SY	2764 WEST GRAND BOUL	SSE 1/4 - 1/2 (0.359 mi.)	E15	59
GASPER'S SUNOCO (FOR	2790 WEST GRAND BOUL	SSE 1/4 - 1/2 (0.365 mi.)	E20	66
LEXINGTON VILLAGE AP	7507-7549 ROSA PARKS	SW 1/4 - 1/2 (0.386 mi.)	F24	75
VACANT APARTMENT BUI	6420 STERLING STREET	SSE 1/4 - 1/2 (0.481 mi.)	J36	81
Not reported	W. GRAND BLVD. AND R	SSW 1/4 - 1/2 (0.482 mi.)	37	82
CONCORD SUPER SERVIC	1100 WEST BALTIMORE	SE 1/4 - 1/2 (0.483 mi.)	K39	86
HENRY FORD HEALTH SY	1494 HOLDEN STREET	SSE 1/4 - 1/2 (0.493 mi.)	J41	87

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 4 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

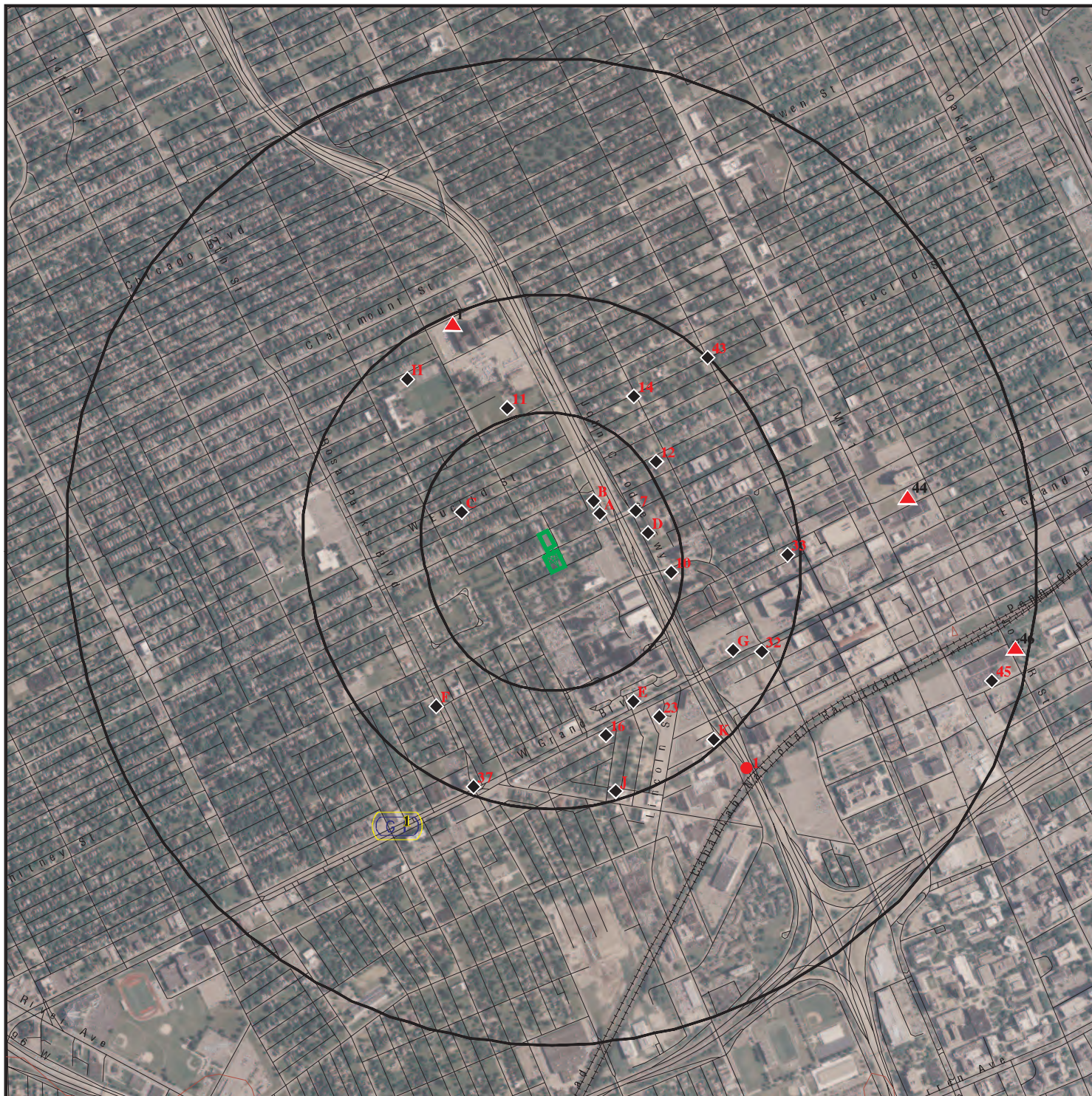
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOI SHOON	1117 SEWARD AVE	ENE 0 - 1/8 (0.094 mi.)	A1	8
HAMILTON BOULEVARD C	8051 JOHN C LODGE FW	NE 0 - 1/8 (0.115 mi.)	A2	8
HALL CLEANERS	8215 JOHN C LODGE FW	NE 0 - 1/8 (0.116 mi.)	B3	8
S T C AMY S CLEANERS	8263 JOHN C LODGE FW	NE 0 - 1/8 (0.116 mi.)	B4	8







EXECUTIVE SUMMARY




Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

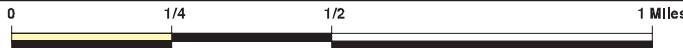
<u>Site Name</u>	<u>Database(s)</u>
EUCLID STREET DETROIT WINDSHIELD S	SEMS

OVERVIEW MAP - 05750859.2R



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

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone










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




SITE NAME: 1301, 1312, 1313, 1323 Seward Ave
 ADDRESS: 1301, 1312, 1313, 1323 Seward Ave
 Detroit MI 48202
 LAT/LONG: 42.370697 / 83.087848

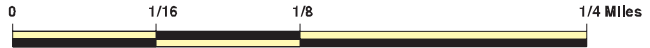
CLIENT: PM Environmental, Inc.
 CONTACT: Mary Margaret Miller
 INQUIRY #: 05750859.2r
 DATE: August 13, 2019 12:30 pm

DETAIL MAP - 05750859.2R



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

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone



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

<p>SITE NAME: 1301, 1312, 1313, 1323 Seward Ave ADDRESS: 1301, 1312, 1313, 1323 Seward Ave Detroit MI 48202 LAT/LONG: 42.370697 / 83.087848</p>	<p>CLIENT: PM Environmental, Inc. CONTACT: Mary Margaret Miller INQUIRY #: 05750859.2r DATE: August 13, 2019 12:33 pm</p>
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MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MI UST	0.250		0	1	NR	NR	NR	1
MI AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MI AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MI BROWNFIELDS	0.500		0	0	2	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	2	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
MI HIST LF	0.500		0	0	0	NR	NR	0
MI SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
MI PART 201	1.000		0	0	0	2	NR	2
MI INVENTORY	0.500		0	2	21	NR	NR	23
MI CDL	TP		NR	NR	NR	NR	NR	0
MI DEL PART 201	1.000		0	0	0	1	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
MI LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MI SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
MI AIRS	TP		NR	NR	NR	NR	NR	0
MI ASBESTOS	TP		NR	NR	NR	NR	NR	0
MI BEA	0.500		0	1	7	NR	NR	8
MI COAL ASH	0.500		0	0	0	NR	NR	0
MI DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MI Financial Assurance	TP		NR	NR	NR	NR	NR	0
MI LEAD	TP		NR	NR	NR	NR	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
MI NPDES	TP		NR	NR	NR	NR	NR	0
MI UIC	TP		NR	NR	NR	NR	NR	0
MI WDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		4	NR	NR	NR	NR	4
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
MI RGA PART 201	TP		NR	NR	NR	NR	NR	0
MI RGA LF	TP		NR	NR	NR	NR	NR	0
MI RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	4	6	40	3	0	53

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 Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 ENE < 1/8 0.094 mi. 495 ft.	LOI SHOON 1117 SEWARD AVE DETROIT, MI Site 1 of 2 in cluster A	EDR Hist Cleaner	1009475740 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 630 ft.	Year: Name: 1931 LOI SHOON 1935 WAH YEE 1940 WAH YEE LAUNDRY	Type: LAUNDRIES-CHINESE LAUNDRIES-CHINESE LAUNDRIES-CHINESE	
A2 NE < 1/8 0.115 mi. 609 ft.	HAMILTON BOULEVARD CLEANERS C LAUNDRY 8051 JOHN C LODGE FWY DETROIT, MI Site 2 of 2 in cluster A	EDR Hist Cleaner	1009483036 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 629 ft.	Year: Name: 1970 HAMILTON BOULEVARD CLEANERS C L	Type: CLEANERS AND DYERS	
B3 NE < 1/8 0.116 mi. 612 ft.	HALL CLEANERS 8215 JOHN C LODGE FWY DETROIT, MI Site 1 of 2 in cluster B	EDR Hist Cleaner	1009483158 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 630 ft.	Year: Name: 1970 HALL CLEANERS	Type: CLEANERS AND DYERS	
B4 NE < 1/8 0.116 mi. 615 ft.	S T C AMY S CLEANERS 8263 JOHN C LODGE FWY DETROIT, MI Site 2 of 2 in cluster B	EDR Hist Cleaner	1009483203 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 629 ft.	Year: Name: 1970 S T C AMY S CLEANERS	Type: CLEANERS AND DYERS	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C5 WNW 1/8-1/4 0.170 mi. 898 ft.	1500 E. EUCLID AVENUE PROPERTY 1500 E. EUCLID AVENUE DETROIT, MI Site 1 of 2 in cluster C	MI INVENTORY	S114031717 N/A
Relative: Lower Actual: 633 ft.	INVENTORY: Bea Number: Not reported Township: Detroit District: Southeast MI Data Source: Part 201 Latitude: 42.38241 Longitude: -83.06366		

C6 WNW 1/8-1/4 0.170 mi. 898 ft.	DTE ENERGY 1500 EAST EUCLID AVENUE WAYNE (County), MI 48226 Site 2 of 2 in cluster C	MI INVENTORY	S117731856 N/A
Relative: Lower Actual: 633 ft.	INVENTORY: Bea Number: 201506390LV Township: Detroit District: Southeast MI Data Source: BEA Latitude: 42.38241 Longitude: -83.06366		

7 ENE 1/8-1/4 0.186 mi. 980 ft.	MI DEPT/TRANSPORTATION M 10 UNDER SEWARD AVE DETROIT, MI 48202	RCRA-CESQG	1001112672 MIR000015065
Relative: Lower Actual: 630 ft.	RCRA-CESQG: Date form received by agency: 05/07/2018 Facility name: MI DEPT/TRANSPORTATION Facility address: M 10 UNDER SEWARD AVE DETROIT, MI 48202 EPA ID: MIR000015065 Mailing address: PO BOX 30050 LANSING, MI 48909 Contact: RON HAFNER Contact address: Not reported Not reported Contact country: Not reported Contact telephone: 517-335-1923 Contact email: Not reported EPA Region: 05 Classification: Conditionally Exempt Small Quantity Generator Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MI DEPT/TRANSPORTATION (Continued)

1001112672

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: MICH DEPT OF TRANSPORTATION
Owner/operator address: PO BOX 30050
LANSING, MI 48909
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: MICH DEPT OF TRANSPORTATION
Owner/operator address: PO BOX 30050
LANSING, MI 48909
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/13/1996
Site name: MI DEPT/TRANSPORTATION
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MI DEPT/TRANSPORTATION (Continued)

1001112672

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

D8
ENE
1/8-1/4
0.190 mi.
1002 ft.

FAIRBANK ELEM SCHOOL
8000 JOHN C LODGE FWY
DETROIT, MI 48202

Site 1 of 2 in cluster D

RCRA NonGen / NLR
FINDS
ECHO

1000465494
MID985601327

Relative:
Lower

RCRA NonGen / NLR:

Actual:
630 ft.

Date form received by agency: 09/17/1998
Facility name: FAIRBANK ELEM SCHOOL
Facility address: 8000 JOHN C LODGE FWY
DETROIT, MI 48202
EPA ID: MID985601327
Mailing address: 5057 WOODWARD AVE
DETROIT, MI 48202
Contact: JUANITA CHAMBERS
Contact address: 8000 JOHN C LODGE FWY
DETROIT, MI 48202
Contact country: US
Contact telephone: 313-494-1613
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DETROIT PUBLIC SCHOOLS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DETROIT PUBLIC SCHOOLS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRBANK ELEM SCHOOL (Continued)

1000465494

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 12/18/1990
Site name: FAIRBANK ELEM SCHOOL
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE WASTE
Violation Status: No violations found

FINDS:

Registry ID: 110003649561

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000465494
Registry ID: 110003649561
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003649561>

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D9
ENE
1/8-1/4
0.190 mi.
1002 ft.

HENRY FORD HEALTH SYSTEM
8000 JOHN C LODGE
DETROIT, MI 48208

MI BEA S111939128
MI WDS N/A

Site 2 of 2 in cluster D

Relative:
Lower
Actual:
630 ft.

BEA:
 Secondary Address: Not reported
 BEA Number: 5554
 District: Southeast MI
 Date Received: 04/22/2013
 Submitter Name: The Sha Realty Corporation
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Not reported
 Determination 20107A: No Request
 Reviewer: schlaufj
 Division Assigned: RRD

Secondary Address: Not reported
 BEA Number: 5555
 District: Southeast MI
 Date Received: 04/22/2013
 Submitter Name: Henry Ford Health System
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Not reported
 Determination 20107A: No Request
 Reviewer: schlaufj
 Division Assigned: RRD

WDS:
 Site Id: MID985601327
 WMD Id: 404107
 Site Specific Name: FAIRBANK ELEM SCHOOL
 Mailing Address: 5057 WOODWARD AVE
 Mailing City/State/Zip: 48202
 Mailing County: WAYNE

10
East
1/8-1/4
0.226 mi.
1191 ft.

VILLAGE CENTER
901 PALLISTER ST
DETROIT, MI 48202

MI UST U003426407
N/A

Relative:
Lower
Actual:
630 ft.

UST:
 Facility Type: CLOSED
 Facility ID: 00039829
 Facility Region: 1
 Owner Name: FOREST CITY RESIDENTIAL
 Owner Address: 1200 TERMINAL TOWER 50 PUBLIC SQUARE
 Owner City: CLEVELAND
 Owner State: OH
 Owner Zip: 44113
 Owner Contact: Not reported
 Owner Phone: 2124163121
 Contact: JUDITH TOSOIAN
 Contact Phone: (734) 542-0582
 Date of Collection: 01/11/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE CENTER (Continued)

U003426407

Accuracy: 100
 Horizontal Datum: NAD83
 Accuracy Value Unit: FEET
 Source: STATE OF MICHIGAN
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)
 Method of Collection: Address Matching-House Number
 District: Region 1 - SE Michigan District Office
 Tank ID: 1
 Capacity: 300
 Tank Status: Removed from Ground
 Substance: Diesel
 Install Date: 01/01/1982
 Remove Date: 12/22/1998
 Tank Number: UTK-038817-15
 Tank Details Compartments: Not reported
 Tank Release Detection: Not reported
 Pipe Release Detection: Not reported
 Piping Material: Copper
 Piping Type: Suction: No Valve at Tank
 Tank Construction: Description of Other Construction,Other,Unknown
 Impressed Device: Not reported
 Latitude: 42.37058
 Longitude: -83.08213

11
NNW
1/4-1/2
0.273 mi.
1439 ft.

SANDERS SCHOOL
8700 BYRON ST
DETROIT, MI 48202

MI INVENTORY S111139722
MI WDS N/A

Relative:
Lower
Actual:
629 ft.

INVENTORY:
 Bea Number: 201506496LV
 Township: Detroit
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

WDS:
 Site Id: MID985601483
 WMD Id: 404123
 Site Specific Name: SANDERS ELEM SCHOOL
 Mailing Address: 1425 E WARREN AVE
 Mailing City/State/Zip: 48207
 Mailing County: WAYNE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

12
NE
1/4-1/2
0.273 mi.
1441 ft.

DETROIT HOPE HOSPITAL
801 VIRGINIA PARK ST
DETROIT, MI 48202

MI LUST **U003322594**
MI UST **N/A**
MI WDS

Relative:
Lower
Actual:
629 ft.

LUST:
Facility ID: 00012921
Source: STATE OF MICHIGAN
Owner Name: Detroit Land Bank Authority
Owner Address: 65 Cadillac Square Suite 3900
Owner City,St,Zip: Detroit, MI 48226
Owner Contact: Not reported
Owner Phone: (313) 224-4011
Country: USA
District: Southeast MI
Site Name: Renaissance Hospital
Latitude: 42.37386
Longitude: -83.08355
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0510-00
Release Date: 06/06/2000
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 04/18/2005

UST:
Facility Type: CLOSED
Facility ID: 00012921
Facility Region: 1
Owner Name: DETROIT LAND BANK AUTHORITY
Owner Address: 65 CADILLAC SQUARE SUITE 3900
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Contact: Not reported
Owner Phone: 3132244011
Contact: Gerald Borders
Contact Phone: (313) 224-4011
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 1000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 06/06/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT HOPE HOSPITAL (Continued)

U003322594

Remove Date: 01/01/2008
Tank Number: UTK-120724-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Line Tightness Testing,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic,Other
Impressed Device: Not reported
Latitude: 42.37386
Longitude: -83.08355

Facility Type: CLOSED
Facility ID: 00012921
Facility Region: 1
Owner Name: DETROIT LAND BANK AUTHORITY
Owner Address: 65 CADILLAC SQUARE SUITE 3900
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Contact: Not reported
Owner Phone: 3132244011
Contact: Gerald Boarders
Contact Phone: (313) 224-4011
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 10000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 04/02/1979
Remove Date: 06/06/2000
Tank Number: UTK-005326-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Galvanized Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel,Other
Impressed Device: Not reported
Latitude: 42.37386
Longitude: -83.08355

WDS:

Site Id: MIG000060327
WMD Id: 423320
Site Specific Name: RENAISSANCE MEDICAL
Mailing Address: 801 VIRGINIA PARK ST
Mailing City/State/Zip: 48202

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT HOPE HOSPITAL (Continued)

U003322594

Mailing County: WAYNE

E13
SSE
1/4-1/2
0.320 mi.
1690 ft.
Relative:
Lower
Actual:
631 ft.

HENRY FORD HOSPITAL
2799 W GRAND BLVD
DETROIT, MI 48202
 Site 1 of 7 in cluster E

RCRA-LQG 1000372249
MI LUST MID073134603
MI UST
ICIS
MLTS
US AIRS
FINDS
ECHO
MI ASBESTOS
MI Financial Assurance
NY MANIFEST
WI MANIFEST

RCRA-LQG:

Date form received by agency: 04/13/2018
 Facility name: HENRY FORD HOSPITAL
 Facility address: 2799 W GRAND BLVD
 DETROIT, MI 48202
 EPA ID: MID073134603
 Mailing address: W GRAND BLVD
 DETROIT, MI 48202
 Contact: DANIEL MURAKAMI
 Contact address: W GRAND BLVD
 DETROIT, MI 48202
 Contact country: US
 Contact telephone: 313-916-2022
 Contact email: DMURAKA1@HFHS.ORG
 EPA Region: 05
 Land type: Private
 Classification: Large Quantity Generator
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: HENRY FORD HEALTH CARE CORP
 Owner/operator address: W GRAND BLVD
 DETROIT, MI 48202
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 05/02/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Owner/Op end date: Not reported

Owner/operator name: HENRY FORD HEALTH CARE CORP
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/02/1986
Owner/Op end date: Not reported

Owner/operator name: HENRY FORD HEALTH CARE CORP
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1986
Owner/Op end date: Not reported

Owner/operator name: HENRY FORD HEALTH CARE CORP
Owner/operator address: W GRAND BLVD
DETROIT, MI 48202

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/02/1986
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Universal Waste Summary:

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

Waste type: CONSUMER ELECTRONICS
Accumulated waste on-site: Yes
Generated waste on-site: Yes

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

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

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: Yes
Generated waste on-site: Yes

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

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 04/14/2017
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 03/11/2016
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 06/18/2015
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 07/29/2014
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 02/28/2014
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 03/14/2012
Site name: HENRY FORD HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 04/13/2011
Site name: HENRY FORD HOSPITAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Classification: Large Quantity Generator

Date form received by agency: 02/23/2010

Site name: HENRY FORD HOSPITAL

Classification: Large Quantity Generator

Date form received by agency: 05/05/2008

Site name: HENRY FORD HOSPITAL

Classification: Large Quantity Generator

Date form received by agency: 09/11/2007

Site name: HENRY FORD HOSPITAL

Classification: Small Quantity Generator

Date form received by agency: 04/20/2006

Site name: HENRY FORD HOSPITAL

Classification: Small Quantity Generator

Date form received by agency: 03/01/2006

Site name: HENRY FORD HOSPITAL

Classification: Small Quantity Generator

Date form received by agency: 09/02/2005

Site name: HENRY FORD HOSPITAL

Classification: Large Quantity Generator

Date form received by agency: 02/11/2000

Site name: HENRY FORD HOSPITAL

Classification: Large Quantity Generator

Date form received by agency: 11/23/1993

Site name: HENRY FORD HOSPITAL

Classification: Small Quantity Generator

Date form received by agency: 05/02/1986

Site name: HENRY FORD HOSPITAL

Classification: Small Quantity Generator

Hazardous Waste Summary:

- . Waste code: 070U
- . Waste name: Hydroquinone (Chemical Abstract Services Number 123-31-9)

- . Waste code: 077U
- . Waste name: Lithium and compounds (Chemical Abstract Services Number Class-02-0)

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D004
- . Waste name: ARSENIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D022
- . Waste name: CHLOROFORM

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

- . Waste code: F004

MAP FINDINGS

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HENRY FORD HOSPITAL (Continued)

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- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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

- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P003
- . Waste name: 2-PROPENAL (OR) ACROLEIN

- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

- . Waste code: P087
- . Waste name: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

- . Waste code: P098
- . Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

- . Waste code: P105
- . Waste name: SODIUM AZIDE

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U003
- . Waste name: ACETONITRILE (I,T)

- . Waste code: U007
- . Waste name: 2-PROPENAMIDE (OR) ACRYLAMIDE

- . Waste code: U012
- . Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

- . Waste code: U019
- . Waste name: BENZENE (I,T)

- . Waste code: U031
- . Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Map ID
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HENRY FORD HOSPITAL (Continued)

1000372249

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U046
. Waste name: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U093
. Waste name: BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U136
. Waste name: ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U165

Map ID
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MAP FINDINGS

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HENRY FORD HOSPITAL (Continued)

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- . Waste name: NAPHTHALENE
- . Waste code: U188
- . Waste name: PHENOL
- . Waste code: U190
- . Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE
- . Waste code: U194
- . Waste name: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)
- . Waste code: U201
- . Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL
- . Waste code: U213
- . Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U235
- . Waste name: 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
- . Waste code: U236
- . Waste name: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO-4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
- . Waste code: U246
- . Waste name: CYANOGEN BROMIDE (CN)BR
- . Waste code: U280
- . Waste name: BARBAN (OR) CARBAMIC ACID, (3-CHLOROPHENYL)-, 4-CHLORO-2-BUTYNYL ESTER
- . Waste code: U404
- . Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D001
- Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- Amount (Lbs): 45448
- Waste code: D002
- Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

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HENRY FORD HOSPITAL (Continued)

1000372249

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs):

544

Waste code:

D004

Waste name:

ARSENIC

Amount (Lbs):

617

Waste code:

D006

Waste name:

CADMIUM

Amount (Lbs):

316

Waste code:

D007

Waste name:

CHROMIUM

Amount (Lbs):

2962

Waste code:

D008

Waste name:

LEAD

Amount (Lbs):

333

Waste code:

D009

Waste name:

MERCURY

Amount (Lbs):

1

Waste code:

D011

Waste name:

SILVER

Amount (Lbs):

2914

Waste code:

D018

Waste name:

BENZENE

Amount (Lbs):

20

Waste code:

D022

Waste name:

CHLOROFORM

Amount (Lbs):

267

Waste code:

D035

Waste name:

METHYL ETHYL KETONE

Amount (Lbs):

232

Waste code:

F003

Waste name:

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

Amount (Lbs):

44865

Map ID
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MAP FINDINGS

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HENRY FORD HOSPITAL (Continued)

1000372249

Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	37049
Waste code:	P087
Waste name:	OSMIUM OXIDE OSO4, (T-4)-
Amount (Lbs):	20
Waste code:	P105
Waste name:	SODIUM AZIDE
Amount (Lbs):	3
Waste code:	U007
Waste name:	ACRYLAMIDE
Amount (Lbs):	17
Waste code:	U031
Waste name:	1-BUTANOL (I)
Amount (Lbs):	267
Waste code:	U080
Waste name:	METHANE, DICHLORO-
Amount (Lbs):	21
Waste code:	U117
Waste name:	ETHANE, 1,1'-OXYBIS-(I)
Amount (Lbs):	4
Waste code:	U122
Waste name:	FORMALDEHYDE
Amount (Lbs):	264
Waste code:	U123
Waste name:	FORMIC ACID (C,T)
Amount (Lbs):	60
Waste code:	U154
Waste name:	METHANOL (I)
Amount (Lbs):	37224
Waste code:	U162
Waste name:	METHYL METHACRYLATE (I,T)
Amount (Lbs):	36726
Waste code:	U188
Waste name:	PHENOL
Amount (Lbs):	57
Waste code:	U213
Waste name:	FURAN, TETRAHYDRO-(I)
Amount (Lbs):	376

Map ID
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EDR ID Number
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HENRY FORD HOSPITAL (Continued)

1000372249

Waste code: U220
Waste name: BENZENE, METHYL-
Amount (Lbs): 36933

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)
Amount (Lbs): 36637

Waste code: U246
Waste name: CYANOGEN BROMIDE (CN)BR
Amount (Lbs): 1

Waste code: U404
Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE
Amount (Lbs): 36350

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported

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HENRY FORD HOSPITAL (Continued)

1000372249

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

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/20/2010
Date achieved compliance: 10/13/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/30/2008
Date achieved compliance: 04/02/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/11/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

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HENRY FORD HOSPITAL (Continued)

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Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/30/2008
Date achieved compliance: 04/02/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/11/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

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HENRY FORD HOSPITAL (Continued)

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Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 06/06/2007
Date achieved compliance: 07/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/13/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/05/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

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HENRY FORD HOSPITAL (Continued)

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Area of violation: TSD - General Facility Standards
Date violation determined: 08/05/2002
Date achieved compliance: 02/05/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards

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HENRY FORD HOSPITAL (Continued)

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Date violation determined: 08/05/2002
Date achieved compliance: 02/05/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/05/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/05/2002

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HENRY FORD HOSPITAL (Continued)

1000372249

Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/05/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/05/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/05/2002
Date achieved compliance: 07/10/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/15/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/29/1993
Date achieved compliance: 12/16/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 10/29/1993
Date achieved compliance: 12/16/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General Facility Standards
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Evaluation date: 05/20/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/13/2010
Evaluation lead agency: EPA

Evaluation date: 06/04/2008
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/30/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/02/2008
Evaluation lead agency: State

Evaluation date: 01/30/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/02/2008
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 06/06/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 07/23/2007
Evaluation lead agency: State

Evaluation date: 08/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 07/10/2003
Evaluation lead agency: State

Evaluation date: 08/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/10/2003
Evaluation lead agency: State

Evaluation date: 08/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/10/2003
Evaluation lead agency: State

Evaluation date: 08/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/10/2003
Evaluation lead agency: State

Evaluation date: 08/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/05/2003
Evaluation lead agency: State

Evaluation date: 10/29/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 12/16/1993
Evaluation lead agency: State

Evaluation date: 10/29/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/16/1993
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

LUST:

Facility ID: 00003932
Source: STATE OF MICHIGAN
Owner Name: Henry Ford Hospital
Owner Address: 2799 W Grand Blvd
Owner City,St,Zip: Detroit, MI 48202
Owner Contact: Dan Murakami
Owner Phone: (313) 916-2202
Country: USA
District: Southeast MI
Site Name: Henry Ford Hospital
Latitude: 42.36592
Longitude: -83.08502
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0316-99
Release Date: 01/12/1999
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 08/16/1999

Leak Number: C-0338-99
Release Date: 04/09/1999
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 08/17/1999

Leak Number: C-0479-99
Release Date: 05/21/1999
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 08/17/1999

UST:

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 9
Capacity: 10000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 04/05/1999
Remove Date: Not reported
Tank Number: UTK-119147-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Composite (Steel With Fiberglass),Double Walled,Fiberglass Reinforced Plastic,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502
Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan Murakami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 8
Capacity: 15000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 02/28/1999
Remove Date: Not reported
Tank Number: UTK-008914-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Suction: No Valve at Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Tank Construction: Double Walled,Fiberglass Reinforced Plastic,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 7
Capacity: 500
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 01/01/1966
Remove Date: 12/21/1998
Tank Number: UTK-108885-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 6
Capacity: 15000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 01/01/1966
Remove Date: 12/21/1998
Tank Number: UTK-108879-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 5
Capacity: 2000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 11/24/1975
Remove Date: 02/23/1996
Tank Number: UTK-108875-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Tank Construction: Fiberglass Reinforced Plastic,Lined Interior
Impressed Device: Not reported
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 4
Capacity: 2000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 11/24/1975
Remove Date: 01/01/1973
Tank Number: UTK-108872-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic,Lined Interior
Impressed Device: Not reported
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 10000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 11/24/1967
Remove Date: 03/31/1999
Tank Number: UTK-108866-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic,Lined Interior
Impressed Device: Not reported
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 10000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 11/24/1977
Remove Date: Not reported
Tank Number: UTK-011901-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Suction: No Valve at Tank

Map ID
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Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Tank Construction: Fiberglass Reinforced Plastic,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 11
Capacity: 30000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 02/18/2008
Remove Date: Not reported
Tank Number: UTK-123885-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Line Tightness Testing,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Suction:Valve at Tank
Tank Construction: Double Walled,Fiberglass Reinforced Plastic,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 10
Capacity: 30000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 02/18/2008
Remove Date: Not reported
Tank Number: UTK-123884-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Line Tightness Testing,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Double Walled,Fiberglass Reinforced Plastic,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502

[Click this hyperlink](#) while viewing on your computer to access 1 additional MI_UST: record(s) in the EDR Site Report.

Facility Type: ACTIVE
Facility ID: 00003932
Facility Region: 1
Owner Name: HENRY FORD HOSPITAL
Owner Address: 2799 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3139162202
Contact: Dan MuraKami
Contact Phone: (313) 916-2202
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 30000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 11/24/1982

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Remove Date: Not reported
Tank Number: UTK-018291-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Suction: No Valve at Tank
Tank Construction: Cathodically Protected Steel,Other
Impressed Device: No
Latitude: 42.36592
Longitude: -83.08502

ICIS:

Enforcement Action ID: MI000A0000261630131300018
FRS ID: 110001848494
Action Name: HENRY FORD HOSPITAL 261630131300018
Facility Name: HENRY FORD HOSPITAL
Facility Address: 2799 W GRAND BLVD
DETROIT, MI 48202
Enforcement Action Type: Notice of Violation
Facility County: WAYNE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.3679
Longitude in Decimal Degrees: -83.0847
Permit Type Desc: Not reported
Program System Acronym: MI000000000000K1271
Facility NAICS Code: 622110
Tribal Land Code: Not reported

Enforcement Action ID: MI000A0000261630131300010
FRS ID: 110001848494
Action Name: HENRY FORD HOSPITAL 261630131300010
Facility Name: HENRY FORD HOSPITAL
Facility Address: 2799 W GRAND BLVD
DETROIT, MI 48202
Enforcement Action Type: Administrative Order
Facility County: WAYNE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAO
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.3679
Longitude in Decimal Degrees: -83.0847
Permit Type Desc: Not reported
Program System Acronym: MI000000000000K1271
Facility NAICS Code: 622110
Tribal Land Code: Not reported

Enforcement Action ID: 05-200038706
FRS ID: 110001848494
Action Name: Henry Ford Hospital
Facility Name: HENRY FORD HOSPITAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Facility Address: 2799 W GRAND BLVD
DETROIT, MI 48202
Enforcement Action Type: Notice of Violation
Facility County: WAYNE
Program System Acronym: RCRAINFO
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.36616
Longitude in Decimal Degrees: -83.08455
Permit Type Desc: Not reported
Program System Acronym: MID073134603
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

MLTS:

Contact Name: DONALD PECK
Contact Phone: 313/876-7042
Dock Number: 3000274
License Number: 21-04109-08
Lic. Expiration Date: 2003-11-30 00:00:00
Licensee: HENRY FORD HOSPITAL
Licensee Line 2: Not reported
License Contact Street 1: 2799 W. GRAND BOULEVARD
License Contact Street 2: Not reported
License Contact City: DETROIT
License Contact State: MI
License Contact Zip: 482022689
Department/Bldg: Not reported
License Date: 2000-07-25 00:00:00
First License Date: 1957-08-02 00:00:00
Status: Retired
Agency Code: NRC

US AIRS (AFS):

Envid: 1000372249
Region Code: 05
County Code: MI163
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
D and B Number: Not reported
Facility Site Name: HENRY FORD HOSPITAL
Primary SIC Code: Not reported
NAICS Code: 622110
Default Air Classification Code: MAJ
Facility Type of Ownership Code: Not reported
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-09-15 13:00:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-09-08 14:59:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-10-07 11:06:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: Not reported
Activity Status Date: 1999-01-12 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: Not reported
Activity Status Date: 2000-01-04 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 05
Programmatic ID: AIR MI00000000000K1271

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-09-15 13:00:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-09-08 14:59:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-10-07 11:06:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 1998-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 1999-08-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Performance Standards
Activity Date: 1999-07-27 00:00:00
Activity Status Date: 1999-07-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-09-15 13:00:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-09-08 14:59:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-10-07 11:06:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2010-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2013-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: New Source Review Permit Requirements
Activity Date: 2013-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-09-15 13:00:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-09-08 14:59:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-10-07 11:06:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-13 00:00:00
Activity Status Date: 2007-09-13 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-02-25 00:00:00
Activity Status Date: 2015-09-15 13:00:10
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-03-13 00:00:00
Activity Status Date: 2015-09-15 13:00:33
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-03-11 00:00:00
Activity Status Date: 2016-04-12 11:31:37
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-09-08 14:59:31
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-08-04 00:00:00
Activity Status Date: 2016-10-07 11:06:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-09-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000K1271
Facility Registry ID: 110001848494
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-03-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110001848494

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

CRITERIA AIR POLLUTANT MAJOR

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.

HAZARDOUS WASTE BIENNIAL REPORTER

AIR MAJOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000372249
Registry ID: 110001848494
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001848494>

ASBESTOS:

Notification ID: 124428
Contractor Name: Next Generation Environmental, Inc.
Project Number: N17067
Notification Type and Date: Regular 04/13/2017
Start Date: 04/27/2017
End Date: 05/03/2017
Linear Feet: Not reported
Square Feet: 900

Notification ID: 141175
Contractor Name: Next Generation Environmental, Inc.
Project Number: N19073
Notification Type and Date: Regular 04/22/2019
Start Date: 05/06/2019
End Date: 05/10/2019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Linear Feet: 150
Square Feet: Not reported

Notification ID: 125013
Contractor Name: Next Generation Environmental, Inc.
Project Number: N17093
Notification Type and Date: Emergency 05/16/2017
Start Date: 05/16/2017
End Date: 05/19/2017
Linear Feet: 20
Square Feet: Not reported

NY MANIFEST:

Name: HENRY FORD HOSPITAL
Address: 2799 W GRAND BLVD
City,State,Zip: DETROIT, MI 48202
Country: USA
EPA ID: MID073134603
Facility Status: Not reported
Location Address 1: 2799 W GRAND BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: DETROIT
Location State: MI
Location Zip: 48202
Location Zip 4: Not reported

NY MANIFEST:

EPAID: MID073134603
Mailing Name: HENRY FORD HOSPITAL
Mailing Contact: HENRY FORD HOSPITAL
Mailing Address 1: 2799 W GRAND BLVD
Mailing Address 2: Not reported
Mailing City: DETROIT
Mailing State: MI
Mailing Zip: 48202
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 3139230080

NY MANIFEST:

Document ID: NYB7203888
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: 99450UNY
Trans2 State ID: Not reported
Generator Ship Date: 08/06/1996
Trans1 Recv Date: 08/06/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 08/12/1996
Part A Recv Date: / /
Part B Recv Date: 09/04/1996
Generator EPA ID: MID073134603
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

TSDf ID 1: NYD057770109
TSDf ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00008
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00008
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: P105 - SODIUM AZIDE
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00149
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00036
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HOSPITAL (Continued)

1000372249

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

WI MANIFEST:

Year: 2007
EPA ID: MID073134603
FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202
ACT Name: HW Generator - Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: 0
Contact Telephone: 0
Contact EMail Address: Not reported

Year: 2006
EPA ID: MID073134603
FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202
ACT Name: HW Generator - Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Year: 2004
EPA ID: MID073134603
FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202
ACT Name: HW Generator - Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

14
NNE
1/4-1/2
0.338 mi.
1784 ft.

FORMER GAS STATION
803 PHILADELPHIA
DETROIT, MI 48202

MI LUST S109416861
MI INVENTORY N/A

Relative:
Lower
Actual:
624 ft.

LUST:
Facility ID: 50005722
Source: STATE OF MICHIGAN
Owner Name: City of Detroit (GSD)
Owner Address: 65 Cadillac Sq Ste #3900
Owner City,St,Zip: Detroit, MI 48226
Owner Contact: Brad Dick (Deputy Director)
Owner Phone: (313) 628-0900
Country: USA
District: Southeast MI
Site Name: Former Gas Station
Latitude: 42.37547
Longitude: -83.08460
Date of Collection: 03/20/2014
Method of Collection: Interpolation-Photo
Accuracy: 10
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0006-09
Release Date: 07/02/2005
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

INVENTORY:
Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.37547
Longitude: -83.08461

E15
SSE
1/4-1/2
0.359 mi.
1893 ft.

HENRY FORD HEALTH SYSTEM
2764 WEST GRAND BOULEVARD
DETROIT, MI 48208

MI INVENTORY S111832677
MI BEA N/A

Site 2 of 7 in cluster E

Relative:
Lower
Actual:
630 ft.

INVENTORY:
Bea Number: 201205126LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

Bea Number: 201205127LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENRY FORD HEALTH SYSTEM (Continued)

S111832677

Longitude: Not reported

BEA:

Secondary Address: Not reported
BEA Number: 5126
District: Southeast MI
Date Received: 03/21/2012
Submitter Name: Henry Ford Health System
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: RD

Secondary Address: Not reported
BEA Number: 5127
District: Southeast MI
Date Received: 03/21/2012
Submitter Name: The Sha Realty Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: RD

16
SSE
1/4-1/2
0.363 mi.
1915 ft.

2740 WEST GRAND BOULEVARD
2740 WEST GRAND BOULEVARD
WAYNE (County), MI 48208

MI INVENTORY S120851896
N/A

Relative:
Lower
Actual:
631 ft.

INVENTORY:
Bea Number: 201707678LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

E17
SSE
1/4-1/2
0.365 mi.
1927 ft.

GASPERS SUNOCO STATION
2790 WEST GRAND BOULEVARD
WAYNE (County), MI 48208

MI INVENTORY S121186617
N/A

Site 3 of 7 in cluster E

Relative:
Lower
Actual:
631 ft.

INVENTORY:
Bea Number: 201707700LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: 42.36578
Longitude: -83.08405

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E18 **HFHS - CANCER CENTER**
SSE **2790 WEST GRAND BOULEVARD**
1/4-1/2 **DETROIT, MI**

MI INVENTORY **S121186618**
N/A

0.365 mi.
1927 ft. **Site 4 of 7 in cluster E**

Relative: **INVENTORY:**
Lower Bea Number: Not reported
 Township: Detroit
Actual: District: Southeast MI
631 ft. Data Source: Part 201
 Latitude: 42.36578
 Longitude: -83.08405

E19 **GASPERS SUNOCO**
SSE **2790 W GRAND BLVD**
1/4-1/2 **DETROIT, MI 48202**

MI LUST **U003325626**
MI UST **N/A**
MI INVENTORY
MI NPDES
MI WDS

0.365 mi.
1927 ft. **Site 5 of 7 in cluster E**

Relative: **LUST:**
Lower Facility ID: 00035414
Actual: Source: STATE OF MICHIGAN
631 ft. Owner Name: Don Ogle
 Owner Address: 7591 Locklin
 Owner City,St,Zip: West Bloomfield, MI 48324-3834
 Owner Contact: Not reported
 Owner Phone: (313) 363-8844
 Country: USA
 District: Southeast MI
 Site Name: Gaspers Sunoco
 Latitude: 42.36593
 Longitude: -83.08415
 Date of Collection: 01/11/2001
 Method of Collection: Address Matching-House Number
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)

Leak Number: C-0304-17
Release Date: 11/08/2017
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1075-92
Release Date: 07/14/1992
Substance Released: Gasoline,Used Oil
Release Status: Open
Release Closed Date: Not reported

UST:
Facility Type: CLOSED
Facility ID: 00035414
Facility Region: 1
Owner Name: Not reported
Owner Address: 1 FORD PLACE, 4A
Owner City: DETROIT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASPERS SUNOCO (Continued)

U003325626

Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3138747469
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 6
Capacity: 500
Tank Status: Removed from Ground
Substance: Unknown
Install Date: Not reported
Remove Date: 11/17/2017
Tank Number: UTK-000325-17
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Facility Type: CLOSED
Facility ID: 00035414
Facility Region: 1
Owner Name: Not reported
Owner Address: 1 FORD PLACE, 4A
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3138747469
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 5
Capacity: 220
Tank Status: Removed from Ground
Substance: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASPERS SUNOCO (Continued)

U003325626

Install Date:	Not reported
Remove Date:	11/02/2017
Tank Number:	UTK-000324-17
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Facility Type:	CLOSED
Facility ID:	00035414
Facility Region:	1
Owner Name:	Not reported
Owner Address:	1 FORD PLACE, 4A
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48202
Owner Contact:	Not reported
Owner Phone:	3138747469
Contact:	DONALD OGLE
Contact Phone:	(313) 363-8844
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	4
Capacity:	500
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	01/01/1976
Remove Date:	07/06/1993
Tank Number:	UTK-088497-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel
Impressed Device:	Not reported
Latitude:	42.36593
Longitude:	-83.08415
Facility Type:	CLOSED
Facility ID:	00035414
Facility Region:	1
Owner Name:	Not reported
Owner Address:	1 FORD PLACE, 4A
Owner City:	DETROIT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASPERS SUNOCO (Continued)

U003325626

Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3138747469
Contact: DONALD OGLE
Contact Phone: (313) 363-8844
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 10000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 01/01/1976
Remove Date: 07/06/1993
Tank Number: UTK-001665-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36593
Longitude: -83.08415

Facility Type: CLOSED
Facility ID: 00035414
Facility Region: 1
Owner Name: Not reported
Owner Address: 1 FORD PLACE, 4A
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3138747469
Contact: DONALD OGLE
Contact Phone: (313) 363-8844
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 10000
Tank Status: Removed from Ground
Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASPERS SUNOCO (Continued)

U003325626

Install Date: 01/01/1976
Remove Date: 07/06/1993
Tank Number: UTK-018942-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36593
Longitude: -83.08415

Facility Type: CLOSED
Facility ID: 00035414
Facility Region: 1
Owner Name: Not reported
Owner Address: 1 FORD PLACE, 4A
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202
Owner Contact: Not reported
Owner Phone: 3138747469
Contact: DONALD OGLE
Contact Phone: (313) 363-8844
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 10000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 01/01/1976
Remove Date: 07/06/1993
Tank Number: UTK-028373-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36593
Longitude: -83.08415

INVENTORY:

Bea Number: 201004348LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: 42.36578

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASPERS SUNOCO (Continued)

U003325626

Longitude: -83.08405

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.36593
Longitude: -83.08416

MI NPDES:

Permit Number: MIR115064
Permittee PO Box: Not reported
Permittee Email: Not reported
Issue Date: 05/21/2018
Effective Date: 05/21/2018
Expiration Date: 05/11/2020
Permittee Name: William Mazzara, Henry Ford Health System
Permittee Address: One Ford Place
Permittee Addr2: Suite 4A
Permittee City,St,Zip: Detroit, MI 48202
Permit Type: NPDES Construction Storm Water Notice of Coverage (NOC)
Facility Name 2: Not reported
Facility Name 3: Not reported
Facility Name 4: Not reported
Designed Name: Not reported
Latitude: 42.365791
Lat Direction: Not reported
Lat Type Code: Not reported
Longitude: -83.084013
Lon Direction: Not reported
Lon Type Code: Not reported
Hydrologic Unit Code: Not reported
Permit Status: In Effect
COC Permit Category: Not reported
DEQ District Email: Southeast Michigan
DEQ Permit Compliance Manager: Cheryl Petroski-Wilson
DEQ Permit Compliance Manager Email: petroskic@michigan.gov

WDS:

Site Id: MIG000045777
WMD Id: 440483
Site Specific Name: CELLULAR ONE
Mailing Address: 2790 W GRAND BLVD
Mailing City/State/Zip: 48202
Mailing County: WAYNE

E20
SSE
1/4-1/2
0.365 mi.
1927 ft.

GASPER'S SUNOCO (FORMER)
2790 WEST GRAND BOULEVARD
DETROIT, MI 48202
Site 6 of 7 in cluster E

MI BEA S110142569
N/A

Relative:
Lower
Actual:
631 ft.

BEA:
Secondary Address: Not reported
BEA Number: 4348
District: Southeast MI
Date Received: 01/13/2010

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GASPER'S SUNOCO (FORMER) (Continued)

S110142569

Submitter Name: Neighborhood Development, LLC
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: schlaufj
 Division Assigned: Storage Tank Division

E21
SSE
1/4-1/2
0.365 mi.
1927 ft.
Relative:
Lower
Actual:
631 ft.

FORMER DON'S SUNOCO
2790 WEST GRAND BOULEVARD
DETROIT, MI 48202

US BROWNFIELDS **1016357170**
FINDS **N/A**

Site 7 of 7 in cluster E

US BROWNFIELDS:
 Property Name: FORMER DON'S SUNOCO
 Recipient Name: Detroit/Wayne County Port Authority
 Grant Type: Assessment
 Property Number: Not reported
 Parcel size: .68
 Latitude: 42.36628
 Longitude: -83.08427
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: World Geodetic System of 1984
 Acres Property ID: 106385
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 2890
 Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA
 Cleanup Funding Entity: Not reported
 Grant Type: Petroleum
 Accomplishment Type: Supplemental Assessment
 Accomplishment Count: 0
 Cooperative Agreement Number: 96550501
 Start Date: 02/17/2010 00:00:00
 Ownership Entity: Private
 Completion Date: 05/18/2010 00:00:00
 Current Owner: Not reported
 Did Owner Change: N
 Cleanup Required: U
 Video Available: N
 Photo Available: Y
 Institutional Controls Required: U
 IC Category Proprietary Controls: Not reported
 IC Cat. Info. Devices: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER DON'S SUNOCO (Continued)

1016357170

IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER DON'S SUNOCO (Continued)

1016357170

mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of unimproved land from at least 1910 until 1919, when it was improved with a gasoline filling station. A car wash and hoist were identified on the parcel in the 1970s. The gasoline filling station occupied the parcel until at least 1991. Currently, the subject property is occupied by a Subway restaurant and a check cashing business.
Below Poverty Number:	2243
Below Poverty Percent:	54.6%
Meidan Income:	3175
Meidan Income Number:	2875
Meidan Income Percent:	69.9%
Vacant Housing Number:	747
Vacant Housing Percent:	26.5%
Unemployed Number:	327
Unemployed Percent:	8.0%
Property Name:	FORMER DON'S SUNOCO
Recipient Name:	Detroit/Wayne County Port Authority
Grant Type:	Assessment
Property Number:	Not reported
Parcel size:	.68
Latitude:	42.36628
Longitude:	-83.08427
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	106385
IC Data Access:	Not reported
Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER DON'S SUNOCO (Continued)

1016357170

Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	5500
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Cleanup Planning
Accomplishment Count:	1
Cooperative Agreement Number:	96550501
Start Date:	10/09/2009 00:00:00
Ownership Entity:	Private
Completion Date:	01/11/2010 00:00:00
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER DON'S SUNOCO (Continued)

1016357170

PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of unimproved land from at least 1910 until 1919, when it was improved with a gasoline filling station. A car wash and hoist were identified on the parcel in the 1970s. The

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER DON'S SUNOCO (Continued)

1016357170

gasoline filling station occupied the parcel until at least 1991. Currently, the subject property is occupied by a Subway restaurant and a check cashing business.

Below Poverty Number: 2243
 Below Poverty Percent: 54.6%
 Meidan Income: 3175
 Meidan Income Number: 2875
 Meidan Income Percent: 69.9%
 Vacant Housing Number: 747
 Vacant Housing Percent: 26.5%
 Unemployed Number: 327
 Unemployed Percent: 8.0%

FINDS:

Registry ID: 110043082017

Environmental Interest/Information System
 US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
 is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

F22
SW
1/4-1/2
0.373 mi.
1971 ft.

FORMER GAS STATION
7541 12TH STREET (PART OF 7507 ROSA PARK BLVD)
DETROIT, MI 48238

MI LUST S108084535
MI INVENTORY N/A

Site 1 of 4 in cluster F

Relative:
Lower
Actual:
632 ft.

LUST:
 Facility ID: 50005519
 Source: STATE OF MICHIGAN
 Owner Name: Unknown
 Owner Address: Unknown
 Owner City,St,Zip: Unknown, MI 99999
 Owner Contact: Not reported
 Owner Phone: Not reported
 Country: USA
 District: Southeast MI
 Site Name: Former Gas Station
 Latitude: 42.36555
 Longitude: -83.09250
 Date of Collection: 01/23/2007
 Method of Collection: Interpolation-Map
 Accuracy: 40
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Not reported

 Leak Number: C-0139-06
 Release Date: 06/03/2004
 Substance Released: Unknown
 Release Status: Open

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER GAS STATION (Continued)

S108084535

Release Closed Date: Not reported

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.36555
Longitude: -83.0925

23
SE
1/4-1/2
0.375 mi.
1980 ft.

**HFHS SOUTH CAMPUS
2800 WEST GRAND BOULEVARD
DETROIT, MI 48202**

**US BROWNFIELDS 1018273228
N/A**

**Relative:
Lower
Actual:
630 ft.**

US BROWNFIELDS:
Property Name: HFHS SOUTH CAMPUS
Recipient Name: Wayne County Brownfield Redevelopment Authority
Grant Type: Assessment
Property Number: 06001613
Parcel size: 4.17
Latitude: 42.365889
Longitude: -83.083492
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 210382
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 31000
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Petroleum
Accomplishment Type: Phase II Environmental Assessment
Accomplishment Count: 1
Cooperative Agreement Number: 00E01241
Start Date: 09/01/2015 00:00:00
Ownership Entity: Private
Completion Date: 12/31/2015 00:00:00
Current Owner: Not reported
Did Owner Change: N
Cleanup Required: U
Video Available: N
Photo Available: Y
Institutional Controls Required: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HFHS SOUTH CAMPUS (Continued)

1018273228

IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	4.17
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	4.17
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HFHS SOUTH CAMPUS (Continued)

1018273228

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Y
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Y
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Y
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The parcels have a multitude of past uses that include residential dwellings, automotive stations, and commercial uses.
Below Poverty Number:	2248
Below Poverty Percent:	52.4%
Meidan Income:	3175
Meidan Income Number:	2934
Meidan Income Percent:	68.4%
Vacant Housing Number:	826
Vacant Housing Percent:	27.4%
Unemployed Number:	314
Unemployed Percent:	7.3%

F24
SW
1/4-1/2
0.386 mi.
2039 ft.

LEXINGTON VILLAGE APTS. BUILDING 18
7507-7549 ROSA PARKS BLVD
DETROIT, MI 48206
Site 2 of 4 in cluster F

MI BEA S107812362
N/A

Relative:
Lower
Actual:
632 ft.

BEA:
 Secondary Address: Not reported
 BEA Number: 3117
 District: Southeast MI
 Date Received: 04/19/2006
 Submitter Name: Lexington Village 2004 Limited Dividend
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Affirmed
 Reviewer: williakt
 Division Assigned: Environmental Response Division

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F25 SW 1/4-1/2 0.386 mi. 2039 ft.	LEXINGTON VILLAGE APTS. BUILDING 18 7507-7549 ROSA PARKS BLVD WAYNE (County), MI 48206 Site 3 of 4 in cluster F	MI INVENTORY	S114036316 N/A
Relative: Lower Actual: 632 ft.	INVENTORY: Bea Number: 200603117LV Township: Detroit District: Southeast MI Data Source: BEA Latitude: 42.366 Longitude: -83.09281		
F26 SW 1/4-1/2 0.388 mi. 2051 ft.	7507-7549 ROSA PARKS 7507-7549 ROSA PARKS DETROIT, MI Site 4 of 4 in cluster F	MI INVENTORY	S118622124 N/A
Relative: Lower Actual: 632 ft.	INVENTORY: Bea Number: Not reported Township: Detroit District: Southeast MI Data Source: Part 201 Latitude: 42.366 Longitude: -83.09281		
G27 ESE 1/4-1/2 0.397 mi. 2097 ft.	THIRD & GRAND LLC 2905-2921 WEST GRAND BOULEVARD WAYNE (County), MI 48202 Site 1 of 3 in cluster G	MI INVENTORY	S119009683 N/A
Relative: Lower Actual: 631 ft.	INVENTORY: Bea Number: 201607215LV Township: Detroit District: Southeast MI Data Source: BEA Latitude: 42.36822 Longitude: -83.08022		
G28 ESE 1/4-1/2 0.397 mi. 2097 ft.	2905-2921 W GRAND BLVD 2905-2921 W GRAND BLVD DETROIT, MI Site 2 of 3 in cluster G	MI INVENTORY	S119009534 N/A
Relative: Lower Actual: 631 ft.	INVENTORY: Bea Number: Not reported Township: Detroit District: Southeast MI Data Source: Part 201 Latitude: 42.36822 Longitude: -83.08022		

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H29 **HUTCHINS INTERMEDIATE SCHOOL CROSSMAN II** **MI INVENTORY** **S117977759**
NW **1501 HAZELWOOD STREET** **N/A**
1/4-1/2 **WAYNE (County), MI 48206**
0.430 mi.
2273 ft. **Site 1 of 2 in cluster H**

Relative: **INVENTORY:**
Lower Bea Number: 201506471LV
 Township: Detroit
Actual: District: Southeast MI
633 ft. Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

H30 **1501 HAZELWOOD STREET** **MI INVENTORY** **S120851754**
NW **1501 HAZELWOOD STREET** **N/A**
1/4-1/2 **WAYNE (County), MI 48202**
0.430 mi.
2273 ft. **Site 2 of 2 in cluster H**

Relative: **INVENTORY:**
Lower Bea Number: 201707614LV
 Township: Detroit
Actual: District: Southeast MI
633 ft. Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

G31 **KENNETHS BEAUTY SALON** **MI LUST** **U002303659**
ESE **2922 W GRAND BLVD** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48202**
0.436 mi.
2301 ft. **Site 3 of 3 in cluster G**

Relative: **LUST:**
Lower Facility ID: 00037747
Actual: Source: STATE OF MICHIGAN
632 ft. Owner Name: Gregory Karris
 Owner Address: 2896 W Grand Blvd
 Owner City,St,Zip: Detroit, MI 48202-2612
 Owner Contact: Not reported
 Owner Phone: (313) 871-2828
 Country: USA
 District: Southeast MI
 Site Name: Kenneth's Beauty Shop
 Latitude: 42.36768
 Longitude: -83.07933
 Date of Collection: 01/11/2001
 Method of Collection: Address Matching-House Number
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)

Leak Number: C-1526-93
 Release Date: 12/08/1993
 Substance Released: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KENNETHS BEAUTY SALON (Continued)

U002303659

Release Status: Closed
Release Closed Date: 06/07/1994

UST:

Facility Type: CLOSED
Facility ID: 00037747
Facility Region: 1
Owner Name: GREGORY KARRIS
Owner Address: 2896 W GRAND BLVD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48202-2612
Owner Contact: Not reported
Owner Phone: 3138712828
Contact: GREGORY KARRIS
Contact Phone: (313) 871-2828
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 12/08/1993
Tank Number: UTK-094852-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.36768
Longitude: -83.07933

32
ESE
1/4-1/2
0.454 mi.
2395 ft.

**FORMER GAS STATION
2940 WEST GRAND BLVD.
DETROIT, MI**

**MI BROWNFIELDS S107135669
N/A**

Relative:
Lower
Actual:
632 ft.

BROWNFIELDS:
Facility ID: 00002289
Region: 1
Status: Not reported
Property Use: Not reported
BEA: Not reported
Ernie Id Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33
East
1/4-1/2
0.472 mi.
2490 ft.

YESRE REALTY, LLC
7441 SECOND AVENUE
WAYNE (County), MI 48202

MI INVENTORY **S117731977**
N/A

Relative:
Lower
Actual:
633 ft.

INVENTORY:
Bea Number: 201506335LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

134
NNW
1/4-1/2
0.481 mi.
2539 ft.

HERMAN KIEFER HEALTH COMPLEX
1151 TAYLOR ST
DETROIT, MI 48202

MI LUST **U000266743**
MI UST **N/A**
MI WDS

Site 1 of 2 in cluster I

Relative:
Higher
Actual:
634 ft.

LUST:
Facility ID: 00019063
Source: STATE OF MICHIGAN
Owner Name: GSD Administration - City of Detroit
Owner Address: 18100 Meyers Rd
Owner City,St,Zip: Detroit, MI 48235
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Southeast MI
Site Name: Herman Kiefer Health Complex
Latitude: 42.37832
Longitude: -83.09074
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1452-92
Release Date: 08/26/1992
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 05/04/1993

UST:

Facility Type: ACTIVE
Facility ID: 00019063
Facility Region: 1
Owner Name: GSD ADMINISTRATION - IRENE TUCKER
Owner Address: 18100 MEYERS RD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48235
Owner Contact: Not reported
Owner Phone: Not reported
Contact: Dwight Smith
Contact Phone: (313) 224-3932

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERMAN KIEFER HEALTH COMPLEX (Continued)

U000266743

Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 6000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 08/03/1992
Remove Date: Not reported
Tank Number: UTK-010976-15
Tank Details Compartments: Not reported
Tank Release Detection: Interstitial Monitoring Double Walled Tank/Piping
Pipe Release Detection: Not reported
Piping Material: Double Walled,Fiberglass Reinforced Plastic
Piping Type: Suction: No Valve at Tank
Tank Construction: Double Walled,Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.37832
Longitude: -83.09074

Facility Type: ACTIVE
Facility ID: 00019063
Facility Region: 1
Owner Name: GSD ADMINISTRATION - IRENE TUCKER
Owner Address: 18100 MEYERS RD
Owner City: DETROIT
Owner State: MI
Owner Zip: 48235
Owner Contact: Not reported
Owner Phone: Not reported
Contact: Dwight Smith
Contact Phone: (313) 224-3932
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 5000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 03/19/1968
Remove Date: 08/26/1992
Tank Number: UTK-088201-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HERMAN KIEFER HEALTH COMPLEX (Continued)

U000266743

Piping Material: Fiberglass Reinforced Plastic,Galvanized Steel
Piping Type: Suction: No Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.37832
Longitude: -83.09074

WDS:

Site Id: MID123931768
WMD Id: 398529
Site Specific Name: DETROIT HEALTH DEPARTMENT
Mailing Address: 1151 TAYLOR ST
Mailing City/State/Zip: 48202
Mailing County: WAYNE

**I35
NNW
1/4-1/2
0.481 mi.
2539 ft.**

**1151 TAYLOR STREET AND 8700 BYRON STREET
1151 TAYLOR STREET AND 8700 BYRON STREET
WAYNE (County), MI 48202**

**MI INVENTORY S120851685
 N/A**

Site 2 of 2 in cluster I

**Relative:
Higher
Actual:
634 ft.**

INVENTORY:
Bea Number: 201707616LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

**J36
SSE
1/4-1/2
0.481 mi.
2542 ft.**

**VACANT APARTMENT BUILDING
6420 STERLING STREET
DETROIT, MI 48202**

**MI INVENTORY S110996874
 MI BEA N/A**

Site 1 of 3 in cluster J

**Relative:
Lower
Actual:
630 ft.**

INVENTORY:
Bea Number: 201104799LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

Bea Number: 201105020LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

BEA:

Secondary Address: Not reported
BEA Number: 5020
District: Southeast MI
Date Received: 12/16/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VACANT APARTMENT BUILDING (Continued)

S110996874

Submitter Name: Henry Ford Health System
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: RD

Secondary Address: Not reported
BEA Number: 4799
District: Southeast MI
Date Received: 05/16/2011
Submitter Name: The Sha Realty Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: thorn top
Division Assigned: RRD

37
SSW
1/4-1/2
0.482 mi.
2543 ft.

**W. GRAND BLVD. AND ROSA PARKS
DETROIT, MI**

**MI BEA S105768172
N/A**

Relative:
Lower
Actual:
630 ft.

BEA:
Secondary Address: southwest corner
BEA Number: 1589
District: Southeast MI
Date Received: 12/26/2001
Submitter Name: SCP 2001A-CSF-31 LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: willia kt
Division Assigned: Environmental Response Division

K38
SE
1/4-1/2
0.483 mi.
2549 ft.

**FORMER CONCORD SUPER SERVICE
1100 W BALTIMORE ST
DETROIT, MI 48202**

**MI LUST U003324105
MI UST N/A
MI BROWNFIELDS
MI INVENTORY**

Site 1 of 3 in cluster K

Relative:
Lower
Actual:
627 ft.

LUST:
Facility ID: 00018372
Source: STATE OF MICHIGAN
Owner Name: Mr Oguneyink Oguneye
Owner Address: 12305 Chelsea
Owner City,St,Zip: Detroit, MI 48213
Owner Contact: Not reported
Owner Phone: (313) 565-1224
Country: USA
District: Southeast MI
Site Name: Former Concord Super Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CONCORD SUPER SERVICE (Continued)

U003324105

Latitude: 42.36510
Longitude: -83.08106
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0307-05
Release Date: 11/02/2005
Substance Released: Gasoline,Gasoline,Gasoline,Gasoline
Release Status: Open
Release Closed Date: Not reported

UST:

Facility Type: CLOSED
Facility ID: 00018372
Facility Region: 1
Owner Name: MR OGUNEYINK OGUNELEYE
Owner Address: 12305 CHELSEA
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213
Owner Contact: Not reported
Owner Phone: 3135651224
Contact: Lance Stokes
Contact Phone: (248) 360-4063
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 4
Capacity: 12000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 05/08/1980
Remove Date: 10/25/2005
Tank Number: UTK-051012-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Other
Impressed Device: Not reported
Latitude: 42.36510
Longitude: -83.08106

Facility Type: CLOSED
Facility ID: 00018372
Facility Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CONCORD SUPER SERVICE (Continued)

U003324105

Owner Name: MR OGUNEYINK OGUNELEYE
Owner Address: 12305 CHELSEA
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213
Owner Contact: Not reported
Owner Phone: 3135651224
Contact: Lance Stokes
Contact Phone: (248) 360-4063
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 8000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 05/08/1984
Remove Date: 10/25/2005
Tank Number: UTK-051009-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic,Other
Impressed Device: Not reported
Latitude: 42.36510
Longitude: -83.08106

Facility Type: CLOSED
Facility ID: 00018372
Facility Region: 1
Owner Name: MR OGUNEYINK OGUNELEYE
Owner Address: 12305 CHELSEA
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213
Owner Contact: Not reported
Owner Phone: 3135651224
Contact: Lance Stokes
Contact Phone: (248) 360-4063
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CONCORD SUPER SERVICE (Continued)

U003324105

Capacity: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 05/08/1984
Remove Date: 10/24/2005
Tank Number: UTK-018544-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic,Other
Impressed Device: Not reported
Latitude: 42.36510
Longitude: -83.08106

Facility Type: CLOSED
Facility ID: 00018372
Facility Region: 1
Owner Name: MR OGUNEYINK OGUNELEYE
Owner Address: 12305 CHELSEA
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213
Owner Contact: Not reported
Owner Phone: 3135651224
Contact: Lance Stokes
Contact Phone: (248) 360-4063
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 05/08/1984
Remove Date: 10/24/2005
Tank Number: UTK-051005-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Other
Impressed Device: Not reported
Latitude: 42.36510
Longitude: -83.08106

BROWNFIELDS:

Facility ID: 00018372
Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER CONCORD SUPER SERVICE (Continued)

U003324105

Status: Not reported
Property Use: Not reported
BEA: Not reported
Ernie Id Number: 82001811

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.3651
Longitude: -83.08107

K39
SE
1/4-1/2
0.483 mi.
2549 ft.

CONCORD SUPER SERVICE (FORMER)
1100 WEST BALTIMORE STREET
DETROIT, MI 48202

MI BEA S109345277
N/A

Site 2 of 3 in cluster K

Relative:
Lower
Actual:
627 ft.

BEA:
Secondary Address: Not reported
BEA Number: 4005
District: Southeast MI
Date Received: 09/30/2008
Submitter Name: 1100 West Baltimore, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: Storage Tank Division

K40
SE
1/4-1/2
0.483 mi.
2549 ft.

CONCORD SUPER SERVICE
1100 W BALTIMORE ST
DETROIT, MI 48202

MI INVENTORY S111977632
MI WDS N/A

Site 3 of 3 in cluster K

Relative:
Lower
Actual:
627 ft.

INVENTORY:
Bea Number: 200804005LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

WDS:

Site Id: MIK696987775
WMD Id: 479908
Site Specific Name: FORMER CONCORD SUPER SERVICE
Mailing Address: 12305 CHELSEA ST
Mailing City/State/Zip: 48213
Mailing County: WAYNE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

J41
SSE
1/4-1/2
0.493 mi.
2602 ft.

HENRY FORD HEALTH SYSTEM
1494 HOLDEN STREET
DETROIT, MI 48208

MI BEA **S113717198**
N/A

Site 2 of 3 in cluster J

Relative:
Lower
Actual:
630 ft.

BEA:

Secondary Address: Not reported
BEA Number: 5552
District: Southeast MI
Date Received: 04/22/2013
Submitter Name: The Sha Realty Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: RRD

Secondary Address: Not reported
BEA Number: 5553
District: Southeast MI
Date Received: 04/22/2013
Submitter Name: Henry Ford Health System
Petition Determination: No Request
Petition Disclosure: 0
Category: Not reported
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: RRD

J42
SSE
1/4-1/2
0.493 mi.
2602 ft.

COMMERCIAL PROPERTY - FORMER DRY CLEANER
1494 HOLDEN STREET (1494-1512 EVEN)
WAYNE (County), MI 48208

MI INVENTORY **S114033553**
N/A

Site 3 of 3 in cluster J

Relative:
Lower
Actual:
630 ft.

INVENTORY:

Bea Number: 201305552LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

Bea Number: 201305553LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

43 NE 1/4-1/2 0.499 mi. 2634 ft.	VACANT LOT KNOWN AS FOX PARK 64312 2ND AVENUE VACANT LOT KNOWN AS FOX PARK DETROIT, MI	MI INVENTORY	S123340594 N/A
---	---	---------------------	---------------------------------

Relative:	INVENTORY:	
Lower	Bea Number:	Not reported
	Township:	Not reported
Actual:	District:	Southeast MI
626 ft.	Data Source:	Part 201
	Latitude:	42.37687
	Longitude:	-83.08145

44 East 1/2-1 0.739 mi. 3902 ft.	BETHUNE AND WOODWARD 50,60,70,80,100 BETHUNE DETROIT, MI 48202	MI DEL PART 201	S108633163 N/A
---	---	------------------------	---------------------------------

Relative:	DEL_PART201:	
Higher	Facility ID:	82001722
Actual:	Status:	Delisted - no longer meets criteria specified in rules
634 ft.		

45 ESE 1/2-1 0.935 mi. 4936 ft.	65 PIQUETTE PROPERTY 65 PIQUETTE ST DETROIT, MI 48202	MI BROWNFIELDS MI PART 201 MI INVENTORY MI BEA MI WDS	S106096546 N/A
--	--	--	---------------------------------

Relative:	BROWNFIELDS:	
Lower	Facility ID:	Not reported
	Region:	1
Actual:	Status:	Not reported
633 ft.	Property Use:	Not reported
	BEA:	No
	Ernie Id Number:	82001639

BROWNFIELDS 2:	
Site ID Number:	1000081
Region:	2
Property Name:	Piquette Site
Sale/Lease:	For Sale
Total Price:	Not reported
Price/Square Feet:	\$0.00
Zoning:	LIGHT INDUSTRIAL
Tax Id Number:	Ward 1 Item 1788-91
State Designation:	Not reported
Business Park:	No
Crossroads:	Woodward Avenue
Building Type:	Not reported
Subdivide:	No
Lot Size:	0.74
Explandable:	Not reported
Year Built:	Not reported
Stories:	Not reported
Grade:	Not reported
Wet Lab:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

65 PIQUETTE PROPERTY (Continued)

S106096546

Total Size:	Not reported
Available Stores:	Not reported
Wetlands:	No
Clean Room:	Not reported
Available:	Not reported
Ceiling Min/Mas:	Not reported
Multiple Tenants:	Not reported
Truck Docks:	Not reported
Minimum:	Not reported
Sprinklers:	Not reported
Parking:	Not reported
Truck Doors:	Not reported
Office:	Not reported
Column Spacing:	Not reported
Crane:	Not reported
Occupancy:	Not reported
Lease Type:	Not reported
Sub Leases:	Not reported
Features:	Not reported
Construction:	Not reported
Electric:	DTE Energy
Water:	Municipal
Gas:	Michigan Consolidated
Telecom:	Other
Sewer:	Municipal
Local Interstate:	I-75
Local Interstate Miles:	1
Major Airport:	Detroit Metropolitan
Major Airport Miles:	Not reported
Local Highway:	Not reported
Local Highway Miles:	Not reported
Water Port:	Not reported
Water Port Miles:	Not reported
Local Airport:	Detroit City
Local Airport Miles:	4.5
Rail:	No
Rail Miles:	Not reported
Trade Zone:	Flint
Contact Office:	Clean Michigan Initiative
Contact Phone:	(517) 373-4805
Contact Address:	Not reported
Contact City:	Not reported
Contact Phone:	Not reported
Contact:	Ron Smedley
Contact Email:	Not reported
Contact Email:	Not reported
Website:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Contact Email:	Not reported
Economic Dev Contact:	Michigan Economic Dev Corp
Edo Contact Name:	Carol Brito
Edo Contact Phone:	(517) 241-0213
Edo Contact Address:	300 N. Washington Square MEDC
Edo Contact Name:	Jeff Bickert
Edo Contact Phone:	(517) 335-2107
Edo Contact State:	Lansing MI 48913

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

65 PIQUETTE PROPERTY (Continued)

S106096546

Edo Contact Email: britoc@michigan.org
Edo Website: www.medc.michigan.org
Sev: 48600
Master Plan Use: LIGHT INDUSTRIAL
Prefered Plan Use: LIGHT INDUSTRIAL
Historical Plan Use: INDUSTRIAL
Phase 1 Esa: Not reported
Completion Date: Not reported
Phase II Esa: Not reported
Completion Date: Not reported
(Bea) Status: Not reported
Description: Not reported
Completion Date: Not reported
Pollutant Source: Not reported
Fscore: Not reported
State Code: Not reported
Fscore Date: Not reported
Township Code: Not reported
Range Code: Not reported
Section: Not reported
Quarter: Not reported
Quarter Quarter: Not reported
List Type: Not reported
State Plan Zone: 3
Area: 0
X Coordinate: 0
Y Coordinate: 0
Longitude: 0
Latitude: 0
Tax Payer Name: City of Detroit
Tax Payer Address: 65 Cadillac
Tax Payer City: MI
Owner Status: Not reported
Environment: Yes
Available Acre: 0.74 acres
Minimum Acre: 0.74 acres

PART 201:

Facility ID: 82001639
Facility Status: Interim Response conducted - No further activities anticipated
Source: Commercial Printing
SAM Score: 17
SAM Score Date: 11/12/2004
Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

INVENTORY:

Bea Number: Not reported
Township: temptownship
District: Southeast MI
Data Source: Part 201
Latitude: 42.36656

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

65 PIQUETTE PROPERTY (Continued)

S106096546

Longitude: -83.06987

BEA:

Secondary Address: Not reported
BEA Number: 2162
District: Southeast MI
Date Received: 11/19/2003
Submitter Name: 65 Piquette LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: williaht
Division Assigned: Environmental Response Division

WDS:

Site Id: MIR000047613
WMD Id: 413909
Site Specific Name: REMEDIATION & REDEVELOPMENT DIV/PIQUETTE AVE SITE
Mailing Address: 65 PIQUETTE ST
Mailing City/State/Zip: 48202
Mailing County: WAYNE

46
East
1/2-1
0.968 mi.
5111 ft.

STUDEBAKER CORPORATION (FORMER)
6230 JOHN R. ROAD
DETROIT, MI 48202

MI BROWNFIELDS
MI PART 201
MI INVENTORY

S107135840
N/A

Relative:
Higher
Actual:
634 ft.

BROWNFIELDS:
Facility ID: Not reported
Region: 1
Status: Not reported
Property Use: Not reported
BEA: No
Ernie Id Number: 82001585

PART 201:

Facility ID: 82001585
Facility Status: Inactive - no actions taken to address contamination
Source: Nonclassifiable Establishments
SAM Score: 21
SAM Score Date: 03/19/2004
Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

INVENTORY:

Bea Number: Not reported
Township: Detroit
District: Southeast MI
Data Source: Part 201
Latitude: 42.36849

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER CORPORATION (FORMER) (Continued)

S107135840

Longitude: -83.0683

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
DETROIT	1015731331	EUCLID STREET DETROIT WINDSHIELD S	ECULID STREET AND 2ND AVE	48202	SEMS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMs by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/31/2013
Date Made Active in Reports: 11/20/2013
Number of Days to Update: 20

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

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

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 41

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4035
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 06/05/2019
Number of Days to Update: 22

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9837
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3372
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/10/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

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: 02/06/2019	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 02/13/2019	Telephone: 517-373-1820
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 05/17/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 04/23/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 04/25/2018	Telephone: 517-373-1820
Date Made Active in Reports: 06/27/2018	Last EDR Contact: 07/10/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Varies

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 01/15/2019	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 01/24/2019	Telephone: 517-373-1820
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

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

Date of Government Version: 03/19/2019

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 03/20/2019

Telephone: 517-373-4828

Date Made Active in Reports: 05/07/2019

Last EDR Contact: 05/28/2019

Number of Days to Update: 48

Next Scheduled EDR Contact: 09/09/2019

Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Date Data Arrived at EDR: 04/22/2008

Telephone: 913-551-7365

Date Made Active in Reports: 05/19/2008

Last EDR Contact: 04/20/2009

Number of Days to Update: 27

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Date Data Arrived at EDR: 09/29/2015

Telephone: 617-918-1102

Date Made Active in Reports: 02/18/2016

Last EDR Contact: 06/20/2019

Number of Days to Update: 142

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

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

Date of Government Version: 01/15/2016

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 02/02/2016

Telephone: 517-373-4805

Date Made Active in Reports: 04/04/2016

Last EDR Contact: 07/22/2019

Number of Days to Update: 62

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

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

Date of Government Version: 04/23/2019

Source: Economic Development Corporation

Date Data Arrived at EDR: 04/24/2019

Telephone: 888-522-0103

Date Made Active in Reports: 06/04/2019

Last EDR Contact: 07/23/2019

Number of Days to Update: 41

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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 Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 03/21/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 54

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

INVENTORY: Inventory of Facilities

The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/05/2019
Number of Days to Update: 42

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

PART 201: Part 201 Site List

A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

Date of Government Version: 10/01/2013
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 45

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion.

A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 41

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 07/12/2019
Number of Days to Update: 58

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-9278
Last EDR Contact: 05/15/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

Local Land Records

LIENS: Lien List

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

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 63

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-7603
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/25/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 55

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

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: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/13/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-566-1917
Date Made Active in Reports: 05/07/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/06/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/10/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/18/2019
Number of Days to Update: 198	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Every 4 Years

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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/24/2019
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Annually

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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-416-0223
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2019	Telephone: 202-564-8600
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/07/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/10/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

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: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 05/24/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-603-8787
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (312) 353-2000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 07/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 04/03/2019	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 04/05/2019	Telephone: 517-373-7074
Date Made Active in Reports: 06/04/2019	Last EDR Contact: 06/17/2019
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 04/30/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 06/04/2019
Number of Days to Update: 28

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

BEA: Baseline Environmental Assessment Database

A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 08/21/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 20

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 02/02/2017
Date Made Active in Reports: 04/20/2017
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 586-753-3754
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 01/15/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 26

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/14/2019
Number of Days to Update: 51

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/22/2019
Number of Days to Update: 28

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 09/15/2015
Date Data Arrived at EDR: 09/16/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 14

Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

NPDES: List of Active NPDES Permits

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

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 34

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 61

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/05/2019
Number of Days to Update: 19

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017

Date Data Arrived at EDR: 06/15/2018

Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/10/2019

Next Scheduled EDR Contact: 09/23/2019

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1301, 1312, 1313, 1323 SEWARD AVE
1301, 1312, 1313, 1323 SEWARD AVE
DETROIT, MI 48202

TARGET PROPERTY COORDINATES

Latitude (North): 42.370697 - 42° 22' 14.51"
Longitude (West): 83.087848 - 83° 5' 16.25"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 328088.2
UTM Y (Meters): 4692833.0
Elevation: 634 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 6066264 DETROIT, MI
Version Date: 2014

North Map: 6067814 HIGHLAND PARK, MI
Version Date: 2014

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).

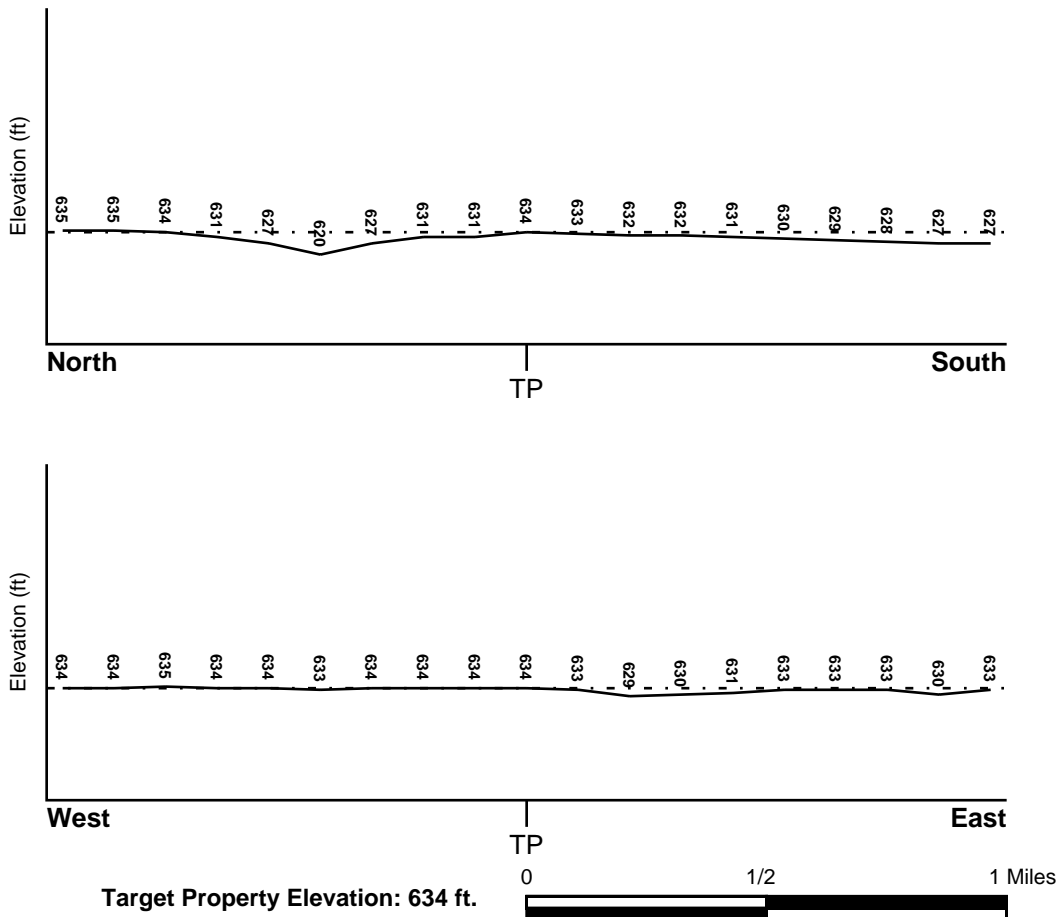
TOPOGRAPHIC INFORMATION

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 NE

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>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
26163C0280E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
2602220010B	FEMA Q3 Flood data
2602220030B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
DETROIT	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/2 - 1 Mile SSW	Not Reported
1G	1/2 - 1 Mile SSW	Not Reported

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

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: Middle Devonian
Code: D2 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

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	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: clay loam
loamy fine sand
loamy sand

Surficial Soil Types: clay loam
loamy fine sand
loamy sand

Shallow Soil Types: sand
silty clay

Deeper Soil Types: silt loam
sand
clay loam
silty clay

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>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

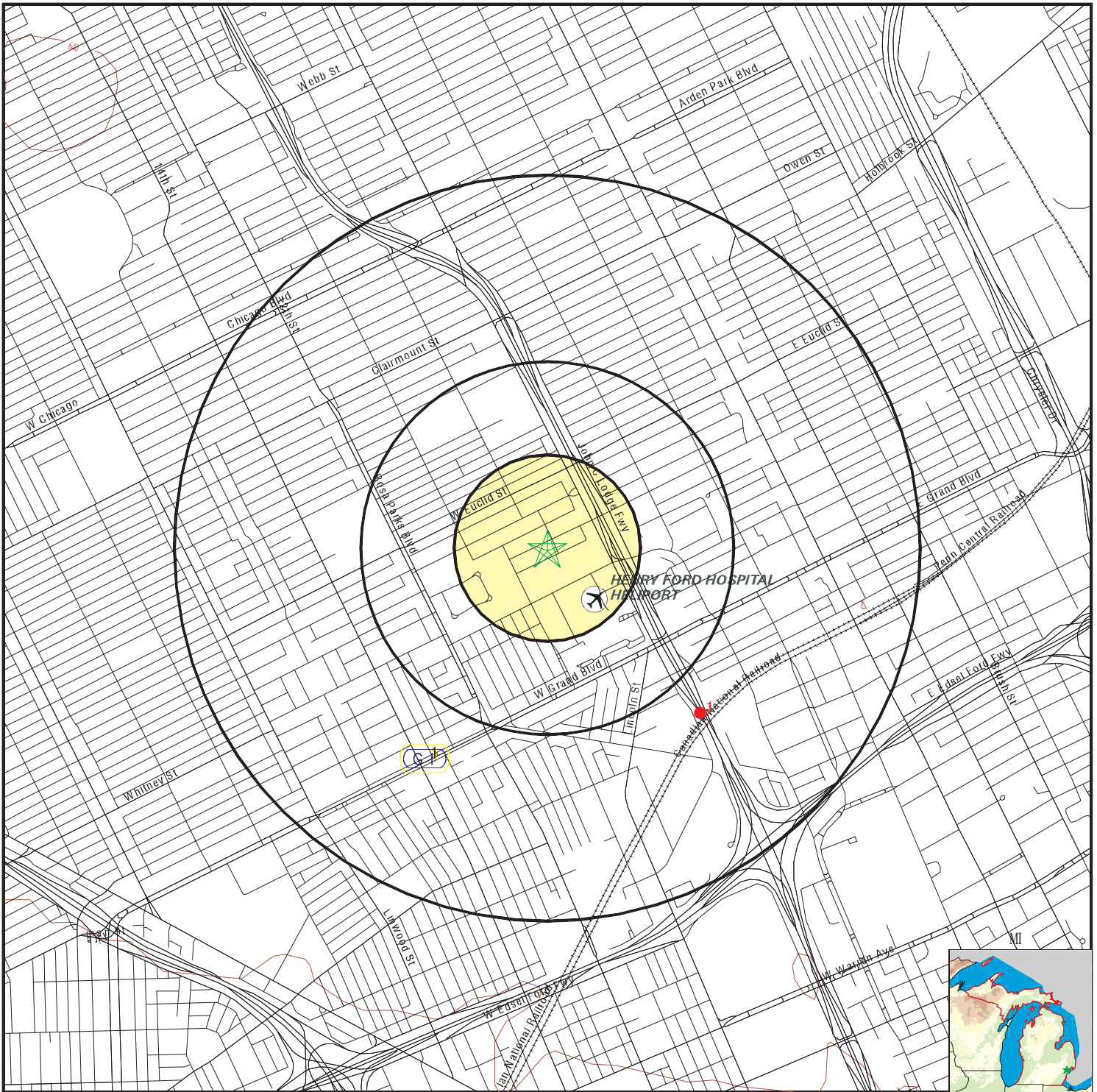
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MIOG11000078480	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 05750859.2r



- 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

SITE NAME: 1301, 1312, 1313, 1323 Seward Ave
 ADDRESS: 1301, 1312, 1313, 1323 Seward Ave
 Detroit MI 48202
 LAT/LONG: 42.370697 / 83.087848

CLIENT: PM Environmental, Inc.
 CONTACT: Mary Margaret Miller
 INQUIRY #: 05750859.2r
 DATE: August 13, 2019 12:33 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1	Site ID: #5108		
SSW	Groundwater Flow: Not Reported	AQUIFLOW	36176
1/2 - 1 Mile	Shallowest Water Table Depth: Not Reported		
Lower	Deepest Water Table Depth: Not Reported		
	Average Water Table Depth: 5.37		
	Date: 01/18/1994		

1G	Site ID: #5108		
SSW	Groundwater Flow: Not Reported	AQUIFLOW	36176
1/2 - 1 Mile	Shallowest Water Table Depth: Not Reported		
Lower	Deepest Water Table Depth: Not Reported		
	Average Water Table Depth: 5.37		
	Date: 01/18/1994		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SE
1/2 - 1 Mile

OIL_GAS MIOG11000078480

Gas/Oil:	6788	API Well #:	21163615087000
Permit #:	0	Completion:	0
Well Type:	TH	Well Status:	Unknown
Bore Type:	Mineral (Non-Confidential)	Slant:	V
Total Depth Drilled:	395	True Vertical Depth:	0
Kickoff Point of TVD:	0	Deepest Formation:	DETROIT RIVER
Formation Tops:	Not Reported	Production Formation:	Not Reported
Production Unit #:	0	Production Unit:	Not Reported
Lease Name:	Federal Carbonic	Well #:	1
Operator #:	6886	Company Name:	Federal Carbonic Company
Surface Owner:	Not Reported	State Owned Land:	0
Federally Owned Land:	0	Permit Date:	Not Reported
Plug Date:	Not Reported	H2S Concentration:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48202	11/12/2008		1.1
48202	4/21/1995		0.6
48202	1/31/2009		0.6
48202	10/27/2009	<	0.3
48202	10/29/2009	<	0.3

Federal EPA Radon Zone for WAYNE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48202

Number of sites tested: 1

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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

The data in this file was obtained from Wellogis, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogis contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawa, Saginaw, St. Clair, Washtenaw.

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Telephone: 517-241-1528

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix E



PM PROFESSIONAL RESUMES

BENJAMIN J. PROWSE

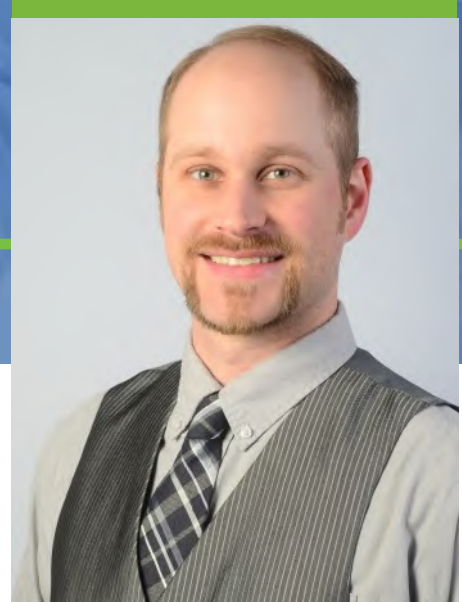
STAFF CONSULTANT

1.800.313.2966 www.pmenv.com prowse@pmenv.com

Benjamin Prowse is a Staff Consultant at PM Environmental, Inc. He specializes in Environmental Due Diligence by managing Phase I Environmental Site Assessments throughout the Midwest.

AREAS OF EXPERTISE

- Staff consultant for Phase I Environmental Site Assessments (ESAs)
- Assists with data collection and evaluation for Transaction Screen Assessments, Phase I ESAs and other due diligence reports
- History of biological surveying strengthens site assessment skills
- Experience in implementation and completion of various site assessment standards and professional protocol and commercial lending requirements (ASTM E-1527)



EDUCATION

- Oakland University B.S. in Biology
- University of Michigan–Dearborn M.S. in Environmental Science

CERTIFICATIONS

- National Association for Interpretation Certified Interpretive Guide
- Council for Environmental Education Project Wild/Flying Wild/Learning Tree Educator

PROFESSIONAL ASSOCIATIONS

- National Association for Interpretation
- Michigan Historical Society

CAREY S. KRATZ

REGIONAL MANAGER—DUE DILIGENCE

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Carey Kratz is the Regional Manager of Due Diligence at PM Environmental, Inc. She has over 18 years of environmental experience and specializes in Environmental Due Diligence including Phase I Environmental Site Assessments and customized environmental assessments to support all forms of real estate transactions. She has managed a variety of environmental due diligence projects, and her recent focus includes HUD NEPA assessments, Transaction Screens and SBA Records Search and Risk Assessments.

AREAS OF EXPERTISE

- Regional coordination and management of due diligence group
- Data collection, site investigation, and preparation of Phase I ESA and Transaction Screen projects
- Experience in implementation and completion of various site assessment standards and professional protocol and commercial lending requirements (ASTM E-1527, ASTM E-1528)
- Peer technical review of Phase I ESA projects using ASTM Standard 1527
- Experience in real estate portfolio analysis for evaluation of environmental risk associated with single and multi property transactions for the lending industry
- Experience with local, state, and federal regulatory acts

EDUCATION

- Lake Superior State University
B.S. Environmental Science,
minor in Chemistry

CERTIFICATIONS

- Certified Asbestos Inspector, Michigan #A27278
- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312
- OSHA 1910.120 40-hour Hazardous Waste Operations Training (HAZWOPER)
- HAZWOPER Incident Commander
- HUD CFR24 Part 58 Environmental Review Process Training

KEVIN M. KRUSZEWSKI, P.G., Q.C.

SENIOR ENVIRONMENTAL RISK MANAGER

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Kevin Kruszewski is Senior Environmental Risk Manager at PM Environmental, Inc. and has served clients in over 48 states since 1988. He specializes in Phase I and Phase II Environmental Site Assessments (ESAs), Baseline Environmental Assessments (BEAs), and due care plans, Underground Storage Tank (UST) closures, and lender risk management. Kruszewski has been involved in thousands of transactions, including typical Environmental Due Diligence for purchase and refinance transactions, and participations and foreclosures. His recent focus includes serving financial clients based in the Midwest with investment interests across the country.

AREAS OF EXPERTISE

- Real estate portfolio analysis for evaluation of environmental risk associated with single and multi property transactions for the lending industry
- Collateral and exposure analysis for over 3,000 real estate transactions, including single and multi commercial, industrial, and multi state properties
- Management of environmental due diligence associates with foreclosed properties
- Peer/senior technical review for Baseline Environmental Assessment (BEA) Projects
- Peer/senior technical review for due care analysis for BEAs in accordance with the Natural Resources and Environmental Protection Act, P.A. 451 of 1994, Parts 201 and 213
- Peer/senior technical review of Phase I, Phase II, Phase III ESA projects
- Peer/senior technical review for Leaking Underground Storage Tank (LUST) projects, including risk evaluation for the lending industry
- Technical review of land use based corrective action plans
- Experience with local, state, and federal regulatory acts
- Technical review of feasibility studies for the remediation of soil and groundwater
- Technical review of generic and site-specific risk assessments
- On-site management of the containment and recovery of dense non-aqueous phase liquids (DNAPLs)



EDUCATION

- Michigan State University B.S. Geology

REGISTRATION

- **Professional Geologist**—
State of Indiana
- **Certified UST Professional**—
State of Michigan

CERTIFICATIONS

- OSHA 1910.120 Hazardous Waste Training
- American Red Cross Standard First Aid and Adult CPR
- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312

PROFESSIONAL ACTIVITIES

- Michigan Association of Environmental Professionals
- Environmental Bankers Association

Appendix F



COMMON ACRONYMS AND TERMINOLOGY USED IN THE COURSE OF THIS PHASE I ESA

The following is a list of common acronyms:

All Appropriate Inquiry	AAI
Asbestos Containing Materials	ACM
Aboveground Storage Tank	AST
American Society for Testing Materials	ASTM
Approximate Minimum Search Distance	ASMD
Comprehensive Environmental Response, Compensation and Liability Act	CERCLA
Environmental Data Resources	EDR
Environmental Site Assessment	ESA
Federal Emergency Response Notification System	ERNS
Large Quantity Generator	LQG
Leaking Underground Storage Tank	LUST
National Priority List	NPL
No Further Remedial Action Planned	NFRAP
PM Environmental, Inc.	PME
Polychlorinated Biphenyls	PCBs
Resource Conservation and Recovery Act	RCRA
Small Quantity Generator	SQG
Treatment Storage and Disposal Facility	TSD
Underground Storage Tank	UST
United States Environmental Protection Agency	USEPA

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Several terms are defined by ASTM Standard Practice E 1527. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions, or additional explanation regarding the meaning of terms.

Asbestos containing material (ACM): Any material found to contain greater than 1% asbestos using an analytical method that is approved by the USEPA for asbestos analysis.

De minimis conditions: Conditions that generally do not present a material risk or 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.

Friable material: Defined in the National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that can be pulverized or reduced to dust using hand pressure only.

General risk of enforcement action: The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate

governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

Historical recognized environmental condition (HREC): Environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the subject property. If a past release of any hazardous substances or petroleum products has occurred in connection with the subject property, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition.

Non-friable material: Defined by National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that cannot be pulverized or reduced to dust using hand pressure only. According to NESHAP, non-friable building materials include those in Category I (packings, gaskets, resilient floor coverings/adhesives, and asphalt roofing materials) and those in Category II (all other materials).

Recognized environmental condition (REC): The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject 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.

Subject property: The area that is the focus of a Phase I Environmental Site Assessment. The boundaries are not necessarily consistent with recorded legal descriptions of real estate, and are defined by the User.

Suspect ACM of concern: Defined as “(I) all friable suspect ACMs (II) any non-friable suspect ACMs expected to be disturbed by renovation or demolition activities planned for the subject property.”

General Scope of Services for Phase I ESA

The purpose of the Phase I ESA is to gather sufficient information to develop an independent professional opinion about the environmental condition of the subject property. The ESA will be conducted in an attempt to satisfy the ASTM Standard (E-1527-13) and the U.S. EPA Standards and Practices for All Appropriate Inquiry as defined in the Small Business Liability Relief and Brownfields Revitalization Act. The Phase I ESA will encompass the following scope of work:

Records Review

- Federal and State database search for sites within the ASTM approximate minimum search distances.
- Review of one or more additional state environmental record sources (e.g., fire department, health department, published local or state site contamination lists, etc.). PM is typically exhaustive in inquiry with these resources.
- Utilization of as many of the ASTM standard historical sources as necessary and as reasonably ascertainable and likely to be useful to document all obvious uses of the subject property from the present, back to the subject property's first developed usage (agricultural or the placement of fill) or 1940, whichever is earlier (e.g., aerial photographs, fire insurance maps, topographic maps, street directories, building record and other sources including knowledgeable interviewees). PM is typically exhaustive in usage of these resources to document subject property historical usages. **Chain of title is not typically consulted by PM unless all other standard and historical sources cannot adequately document subject property usages or if required by a lender. A separate fee to the lump sum quoted will be assessed for obtainment of chain of title.**
- A records review in accordance with the requirements for a Vapor Intrusion Assessment per ASTM E-2600-08 is not included in this scope of work.

Site Reconnaissance

- The objective of the site reconnaissance is to obtain information regarding the likelihood of recognized environmental conditions in connection with the subject property.
- The exterior of the subject property and any structures, as well as, pathways, roads, etc., will be visually and physically observed.
- The interior of the structures on the subject property will be visually and physically observed. This includes all common areas, maintenance and repair rooms, boiler rooms and representative number of occupant spaces. Observations under floors, above ceilings or behind walls are not required unless specified by requirements other than the ASTM standard.
- PM will evaluate non-ASTM scope issues with a visual inspection, and comment on asbestos containing building materials, lead based paint, and water intrusion associated with mold. Sampling is not included within this scope of work, but can be completed under a separate proposal.
- Current and past uses of the subject property and adjoining properties, and general uses of surrounding properties, to the extent visually and physically observed will be recorded. Emphasis is placed on subject property or adjoining property usages involving use, treatment, storage, disposal or generation of hazardous substances or petroleum products. These observations may include process details on raw material and waste management practices.
- General description of structures and improvements on the subject property (number and age of buildings, ancillary structures, utilities, storage tanks, hazardous substance and petroleum product usage, general chemical or raw material usage, heating and cooling, stains, solid waste, waste water, etc.).

Interviews with Owners and Occupants

- Interviews with owners, occupants, key site manager and user (person on behalf Phase I ESA conducted), typically with regard to information about current and historical uses, general site setting information, site specific documents, litigation, administrative orders, notices of violations with regard to environmental issues, etc.

Interviews with Local Government Officials

- A reasonable attempt will be made to interview at least one staff member of any of the following: the local fire department, the local agency or state agency having jurisdiction over environmental matters in the area in which the subject property is located, and/or the local health department. PM is typically exhaustive in its inquiry of these sources, unless professional experience has indicated the resource is not beneficial.

Evaluation and Report Preparation

- The report of the Phase I ESA findings will generally follow the ASTM format unless otherwise requested by the client or as outlined in any applicable lender requirements. The report will include documentation of sources, methodology, limitations, and credentials. *Liability/risk evaluations, recommendations for Phase II ESA testing and remediation techniques are not provided within the scope of an ASTM performed assessment.* Phase I ESA reports are kept in the strictest client confidence and are issued directly to the client. Issuance or reliance on the Phase I ESA report for purposes of making loan decisions by a private lender may be included in the Phase I ESA report if specified by the client.

USER'S CONTINUING OBLIGATIONS UNDER CERCLA

Conducting a Phase I ESA alone does not provide a landowner with protection against CERCLA liability. Landowners who want to maintain a bona Fide Prospective Purchaser, an Innocent Landowner, or a Contiguous Property Owner Defense must also comply with other pre-acquisition and post-acquisition requirements in the CERCLA regulations and AAI standards. The responsibilities for each defense are summarized below.

Bona Fide Prospective Purchaser Responsibilities

The Bona Fide Prospective Purchaser defense is intended for individuals or entities purchasing a property known to be contaminated. To obtain and maintain the defense, the individual or entity seeking the defense must also satisfy the following requirements (AAI, Section II D.1.):

- Have acquired a property after all disposal activities involving hazardous substances ceased at the property;
- Provide all legally required notices with respect to the discovery or release of any hazardous substances at the property;
- Exercise appropriate care by taking reasonable steps to stop continuing releases, prevent any threatened future releases, and prevent or limit human, environmental, or natural resources exposure to any previously released hazardous substance;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena; and
- Not be potentially liable, or affiliated with any other person who is potentially liable for response costs for addressing releases at the property.

Innocent Landowner Responsibilities

The Innocent Landowner Defense protects individuals or entities (ultimately the "property owner") purchasing a property that is not known to be contaminated. The property owner must also satisfy the following requirements to obtain and maintain the defense (AAI, Section II D.3 and CERCLA Section 107(b)(3)):

- Have no reason to know that any hazardous substance which is the subject of a release of threatened release was disposed of on, in, or at the facility;
- Provide full cooperation, assistance and access to persons authorized to conduct response actions at the property;
- Comply with any land use restrictions and not impeding the effectiveness or integrity of any institutional controls;

- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent to limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Demonstrate that the act or omission that caused the release or threat of release of hazardous substances and the resulting damages were caused by the third party with whom the person does not have employment, agency, or contractual relationship;
- Exercise due care with respect to the hazardous substance concerned, taking into consideration the characteristics of such hazardous substance, in light of all relevant facts and circumstances;
- Take precautions against foreseeable acts or omissions of a third party and the consequences that could result from such acts or omissions.

Contiguous Property Owner Defense

The Contiguous Property Owner Defense protects individuals or entities purchasing a property that is not known to be contaminated, but could be contaminated by migration from a contiguous property owned by someone else. To qualify as a contiguous property owner, a landowner must have no knowledge of contamination prior to acquisition, or reason to know of contamination at the time of acquisition, have conducted AAI, and meet all of the criteria set forth in AAI Section II.D.2 and CERCLA Section 107(q)(1)(A), which include:

- Not cause, contribute, or consent to the release or threatened release;
- Not be potentially liable nor affiliated with any other person potentially liable for response costs at the property;
- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent or limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena;
- Provide all legally required notices with respect to discovery or release of any hazardous substances at the property.

Persons who know, or have reason to know, that the property is or could be contaminated at the time of acquisition of a property cannot qualify for the liability protection as a contiguous property owner, but may be entitled to Bona Fide Prospective Purchaser status.