



**U.S. Department of Housing and Urban
Development**

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Washington, DC 20410
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Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5 Pursuant to 24 CFR 58.35(a)

**This is a suggested format that may be used by Responsible Entities to document completion of a
Categorically Excluded Subject to Section 58.5 environmental review.**

Project Information

Project Name: 9271 Meyers, Detroit, MI 48228

Responsible Entity: City of Detroit

Grant Recipient (if different than Responsible Entity): Detroit Housing Commission

State/Local Identifier: Detroit, Michigan

Preparer: Kim Siegel, Environmental Compliance Specialist, Housing and Revitalization
Department

Certifying Officer Name and Title: Julie Schneider, Director, Housing and Revitalization
Department

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable): Michigan Consulting & Environmental, Inc.

Direct Comments to: Penny Dwoinen, Environmental Review Officer, Housing and
Revitalization Department

Project Location: 9271 Meyers, Detroit, MI 48228

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The property (Parcel ID #: 22020653) is a 4,399 square foot lot developed with one two-story single family residential dwelling containing approximately 1,284 square feet with a partially finished basement. A fire on the second floor of the dwelling was reported to the City of Detroit Fire Department on June 1, 2024. The dwelling sustained substantial structural damage from the fire. The proposed project will demolish this dwelling, which has been classified as a Dangerous Building by the Detroit Buildings, Safety Engineering & Environmental Department.

This environmental review is valid for up to five years.

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5: 58.5(a)(4)(i) – An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between.

Funding Information

Grant Number	HUD Program	Funding Amount
MI28P001501-24	CAPITAL FUND PROGRAM	\$34,200

Estimated Total HUD Funded Amount:

\$34,200

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:

\$34,200

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The proposed project is not within 2,500 feet of a civilian airport or 15,000 feet of a military airport, and is located approximately 8.26 miles from the Coleman A. Young municipal airport; therefore, the project will not impact Airport Hazards (See Appendix 1).
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The proposed project is not within a Coastal Barrier Resource System (CBRS); therefore, this project will not impact CBRS (See Appendix 2).

<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is not located within a FEMA - designated Special Flood Hazard Area; City of Detroit, Wayne County began NFIP on 7/26/1974; the current effective update, is provided on floodplain map, FIRMETTE 26163C0260E, effective 2/2/2012 (See Appendix 3).</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No new construction is planned for the project to adversely affect Air Quality. The scope of work will not significantly impact air quality (See Appendix 4).</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not located within a Coastal Zone; therefore, this project will not impact CZM (See Appendix 5).</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>A Contamination and Toxic Substances Report was completed by Michigan Consulting & Environmental, Inc. (MCE) in January 2025. MCE reviewed a Phase I ESA conducted by Environmental Testing & Consulting (ETC) in April 2022 that found no recognized environmental conditions (RECs), historical RECs, or controlled RECs on the project site. A review of the Environmental Risk Information Services (ERIS) database records for the project site did not reveal any current or former hazardous substance and/or hazardous waste facilities on or near the project site. In addition, no visual indications of a release or RECs were observed on the project site and adjoining properties by MCE in December 2024 and ETC in March 2022.</p> <p>MCE reviewed a Combination Lead Based Paint Inspection & Risk Assessment and Asbestos Inspection report conducted by ETC – Environmental Services/Wilco Environmental, Inc. (ETC/Wilco) in July 2009. The interior and exterior of the existing single family residential dwelling was inspected for signs of lead-based paint (LBP)</p>

		<p>and asbestos. No samples tested positive for LBP, and no samples from the interior of the dwelling tested positive for asbestos. However, asbestos was detected within the samples collected from the exterior caulk (non-friable, brown).</p> <p>In June 2024, a fire occurred within the dwelling that may have caused significant structural damage. Because of this, MCE was unable to safely enter the dwelling during the December 2024 site reconnaissance. It is unknown if the same building materials are currently present as during the July 2009 asbestos inspection. Therefore, in accordance with Occupational Safety and Health Administration (OSHA) regulation 29 Code of Federal Regulations (CFR) 1926.1101, all materials not appropriately tested in a building constructed prior to 1981 are “presumed asbestos-containing materials.” (Mitigation Measure 1).</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is located in an urbanized area of Detroit and does not include new construction or the removal of trees, vegetation, or other ecological habitats. No critical habitats or wetlands are located in the project area; therefore, it is highly unlikely that the demolition of the dwelling will have an impact on endangered species (See Appendix 7).</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not include hazardous facility, or development, construction or rehabilitation that will increase residential densities, or conversion. Furthermore, no explosive ASTs are within a 0.25-mile radius (See Appendix 8).</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not include new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use; a soil survey map indicates soils are not suitable for agriculture (See Appendix 9).</p>

<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project is not located within a FEMA - designated Special Flood Hazard Area; City of Detroit; the current effective update, is provided on floodplain map, FIRMETTE 26163C0260E, effective 2/2/2012 (See Appendix 10).</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The City of Detroit, through an existing Programmatic Agreement with SHPO, has determined the property is not listed or eligible for listing on the National Register of Historic Places, therefore no historic properties were affected by the project. Section 106 consultation is complete under 36 CFR 800 (See Appendix 11).</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project does not involve new construction for residential use or rehabilitation of an existing residential property; therefore, the project is in compliance with this section (See Appendix 12).</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no Sole Source Aquifers in Michigan; therefore, the proposed project does not impact a sole source aquifer (See Appendix 13).</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Based upon the U.S. Fish and Wildlife Service National Wetlands Inventory Map, no wetlands are located on the property (See Appendix 14).</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not located within the proximity of a Wild and Scenic River, Study River, or Nationwide Rivers Inventory River; currently, none are located in Wayne County (See Appendix 15).</p>
<p>ENVIRONMENTAL JUSTICE</p>		
<p>Environmental Justice</p> <p>Executive Order 12898</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No adverse environmental impacts were identified in any other compliance review of this project's total environmental review, EJ Screen indicates the project does not exceed state levels (See Appendix 16).</p>

Field Inspection (Date and completed by):

December 31, 2024, by Jenna MacDonald (Environmental Professional as Defined in §312.10 of 40 CFR) and Joel Harris (Certified Asbestos Inspector Accreditation Number A61488; Expiration Date 07/31/2025), Michigan Consulting & Environmental, Inc.

Summary of Findings and Conclusions:

The Detroit Housing Commission is proposing the demolition of the existing single family residential dwelling located at 9271 Meyers Rd, which has been damaged by a fire in June 2024 and has since been classified as a Dangerous Building by the Detroit Buildings, Safety Engineering & Environmental Department. The project would remove this blighted building from the property, increase safety for the surrounding community, and create the potential for a new development at some point in the future. Compliance is met with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities without any additional measures with the exception of Contamination and Toxic Substances (24 CFR Part 50.3(i) & 58.5(i)(2)) based on the formerly documented presence of asbestos containing materials on the dwelling exterior. Mitigation measures as proposed in this document will be followed based on the structural integrity of the dwelling.

Based on the analyses of environmental issues contained in this document, the proposed project is not expected to have significant environmental impacts.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	<p>ETC/Wilco detected asbestos containing materials during the combined lead-based paint and asbestos inspection conducted in July 2009 and recommended that “lead and asbestos safe work practices” be followed any time that an asbestos containing material or surface is to be disturbed. MCE was unable to safely enter the dwelling in order to conduct additional asbestos sampling. Therefore, all materials within the residential dwelling should be treated as asbestos-containing materials during demolition activities, and a licensed asbestos abatement contractor should be retained to ensure that all materials are handled appropriately.</p> <p>If the dwelling is determined to be structurally sound by a building inspection, all hazardous materials must be removed prior to demolition. Hazardous materials surveys, abatement and clearance must be conducted to comply with demolition under National Emission Standards for Hazardous Air Pollutants (NESHAP) and</p>

	<p>other State, Federal, and Local laws must be adhered to, and the demolition contractor must follow all local, state and federal regulations governing demolition, including but not limited to removal of hazardous materials prior to demolition. If the dwelling is determined to be unsafe to enter, emergency measures may be implemented.</p> <p>Copies of all surveys and closeout documentation must be provided to the City of Detroit (See Appendix 17).</p>
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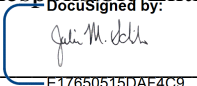
Determination:

- This categorically excluded activity/project converts to Exempt, per 58.34(a)(12) because there are no circumstances which require compliance with any of the federal laws and authorities cited at §58.5. **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR
- This categorically excluded activity/project cannot convert to Exempt because there are circumstances which require compliance with one or more federal laws and authorities cited at §58.5. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain “Authority to Use Grant Funds”** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- This project is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature:  Date: 2/4/2025

Name/Title/Organization: Kim Siegel, Environmental Compliance Specialist, City of Detroit

Responsible Entity Agency Official Signature:

 Date: 2/5/2025

Name/Title: Julie Schneider, Director, Housing and Revitalization Department

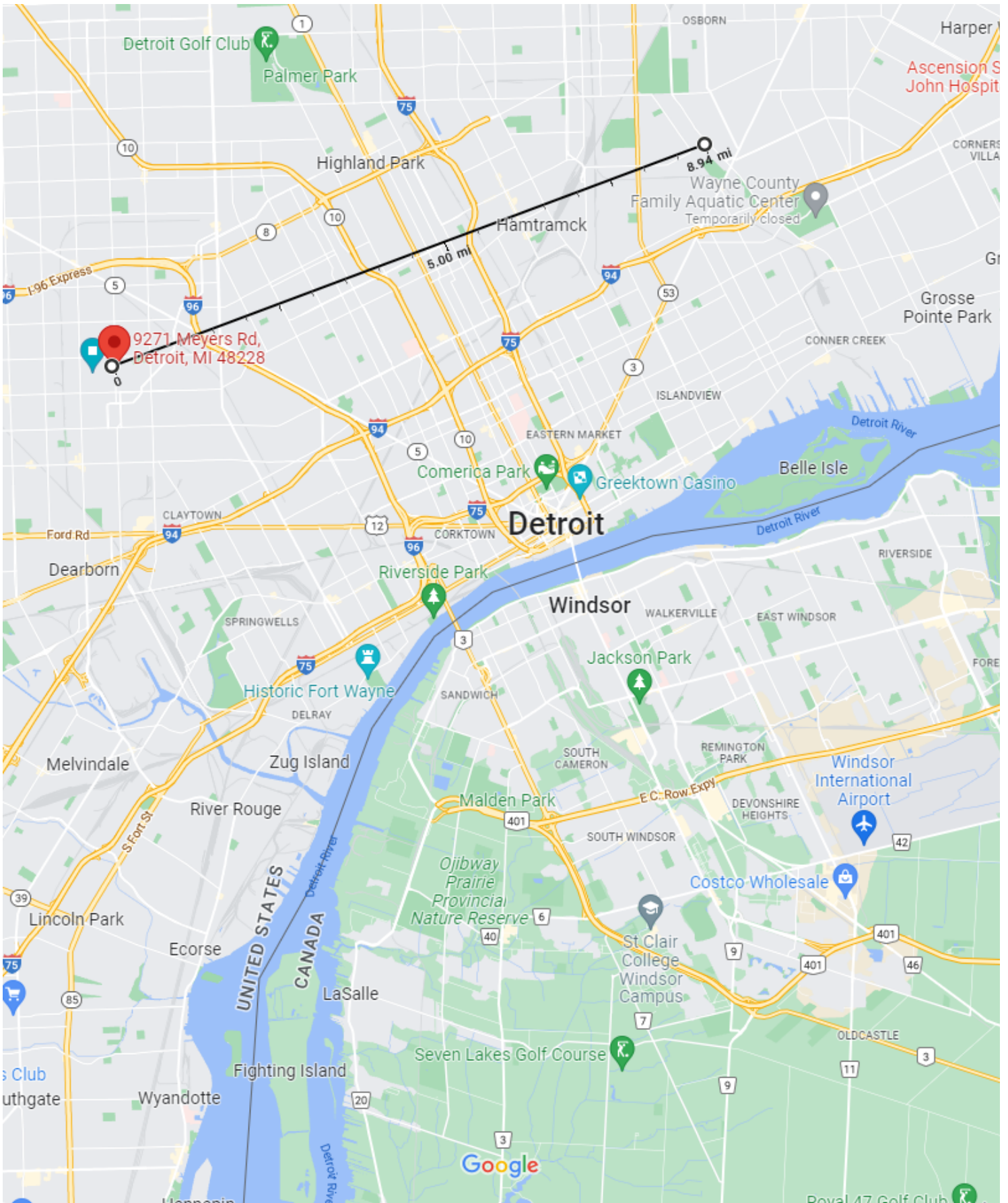
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

APPENDIX 1
AIRPORT HAZARDS AND
AIRPORT RUNWAY CLEAR ZONES



9237 Cheyenne & 9271 Meyers, Detroit

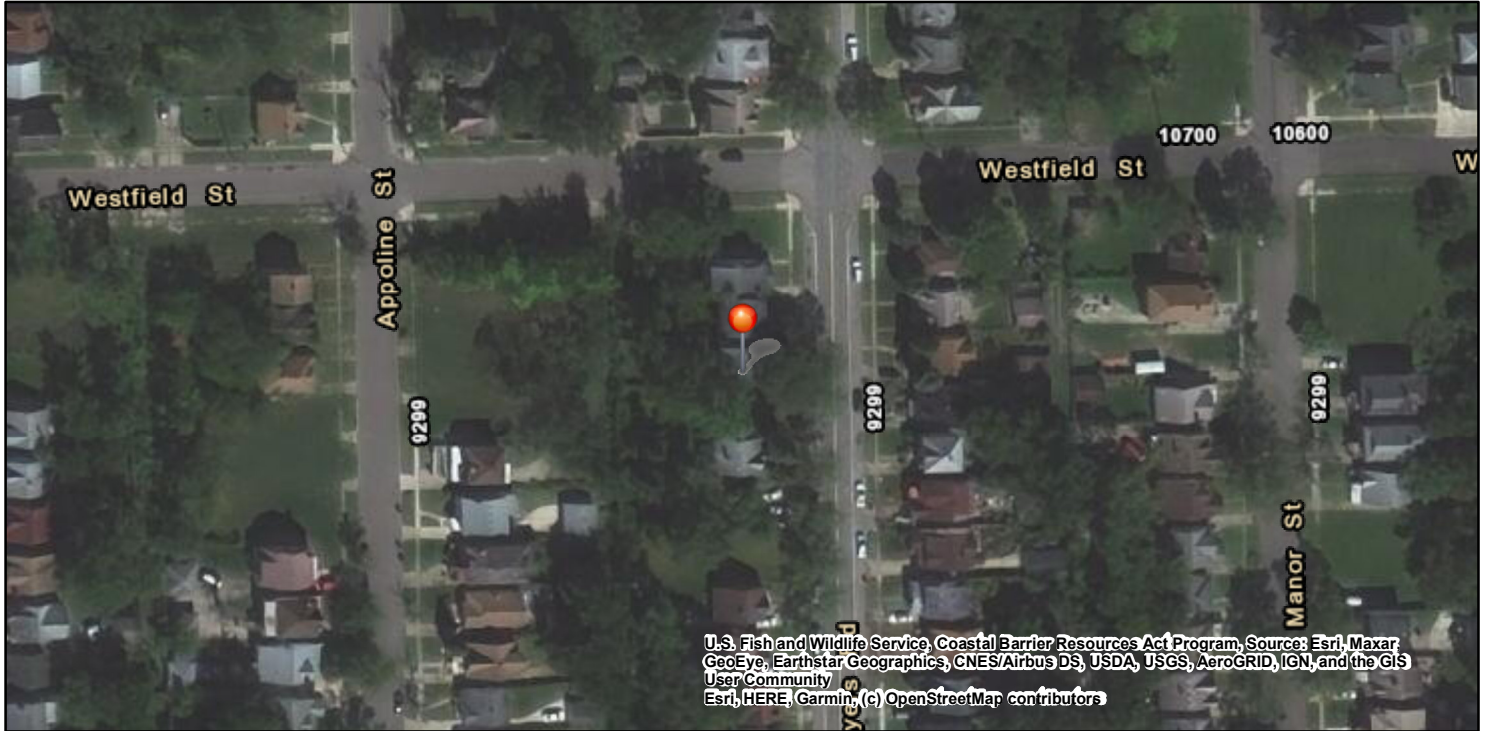
Distance to Coleman A. Young Airport



APPENDIX 2
COASTAL BARRIER RESOURCES

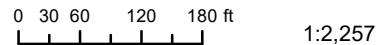
U.S. Fish and Wildlife Service

Coastal Barrier Resources System Mapper Documentation



CBRS Units

- Otherwise Protected Area
- CBRS Buffer Zone
- System Unit
- 83.1681, 42.363428



The pin location displayed on the map is a point selected by the user. Failure of the user to ensure that the pin location displayed on this map correctly corresponds with the user supplied address/location description may result in an invalid federal flood insurance policy. The U.S. Fish and Wildlife Service (Service) has not validated the pin location with respect to the user supplied address/location description below. The Service recommends that all pin locations be verified by federal agencies prior to use of this map for the provision or denial of federal funding or financial assistance. Please note that a structure bisected by the Coastal Barrier Resources System (CBRS) boundary (i.e., both "partially in" and "partially out") is within the CBRS and therefore affected by CBRA's restrictions on federal flood insurance. A pin placed on a bisected structure must be placed on the portion of the structure within the unit (including any attached features such as a deck or stairs).

User Name: Jenna MacDonald
User Organization: MCE
User Supplied Address/Location Description: 9271 Meyers, Detroit, MI
Pin Location: Outside CBRS
Pin Flood Insurance Prohibition Date: N/A
Pin System Unit Establishment Date: N/A

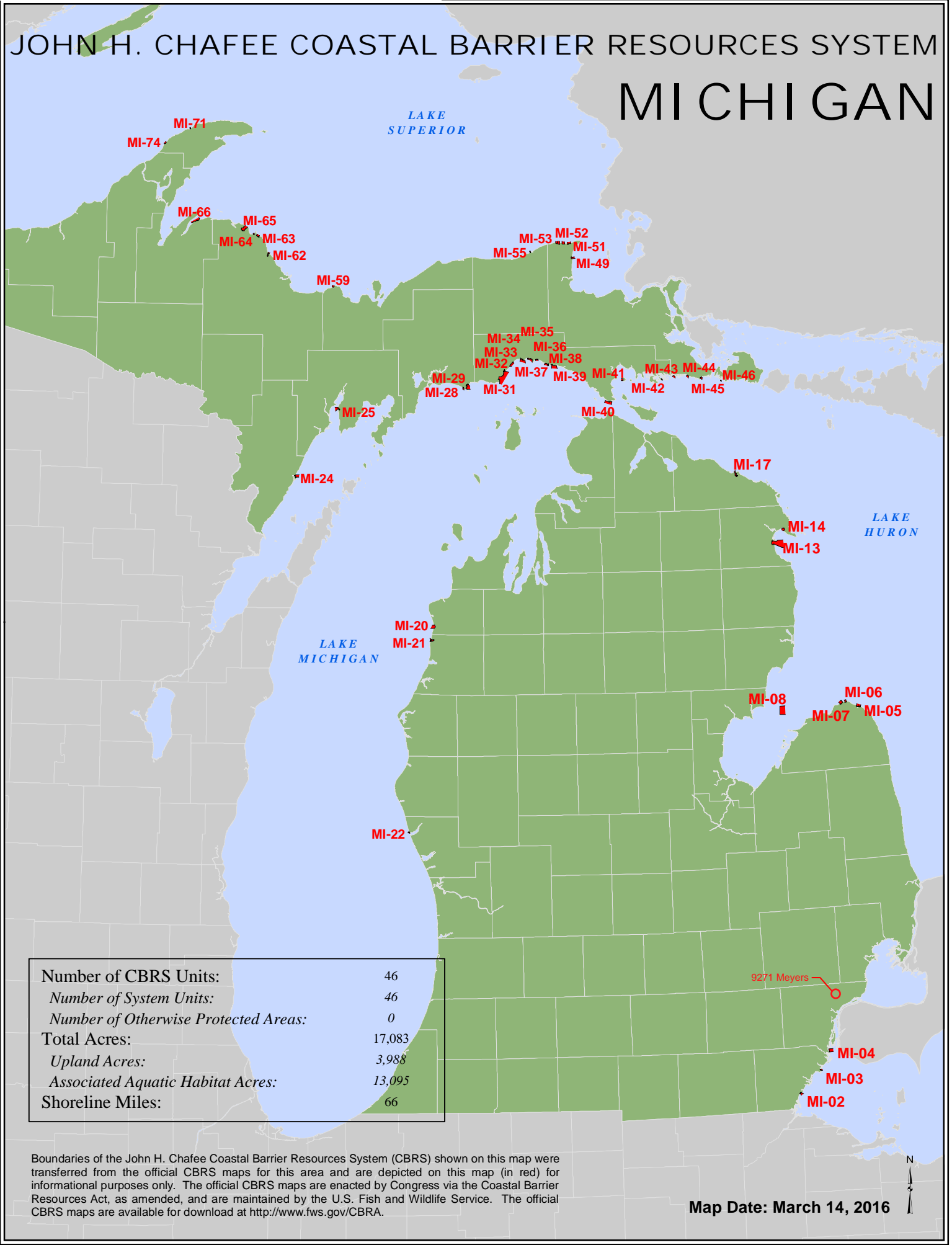
The user placed pin location is not within the CBRS. The official CBRS maps are accessible at <https://www.fws.gov/cbra/maps/index.html> .

The CBRS information is derived directly from the CBRS web service provided by the Service. This map was exported on 3/31/2022 and does not reflect changes or amendments subsequent to this date. The CBRS boundaries on this map may become superseded by new boundaries over time.

This map image may be void if one or more of the following map elements do not appear: basemap imagery, CBRS unit labels, prohibition date labels, legend, scale bar, map creation date. For additional information about flood insurance and the CBRS, visit: <https://www.fws.gov/cbra/Flood-Insurance.html> .



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM MICHIGAN



Number of CBRS Units:	46
Number of System Units:	46
Number of Otherwise Protected Areas:	0
Total Acres:	17,083
Upland Acres:	3,988
Associated Aquatic Habitat Acres:	13,095
Shoreline Miles:	66

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at <http://www.fws.gov/CBRA>.

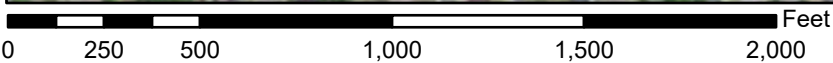
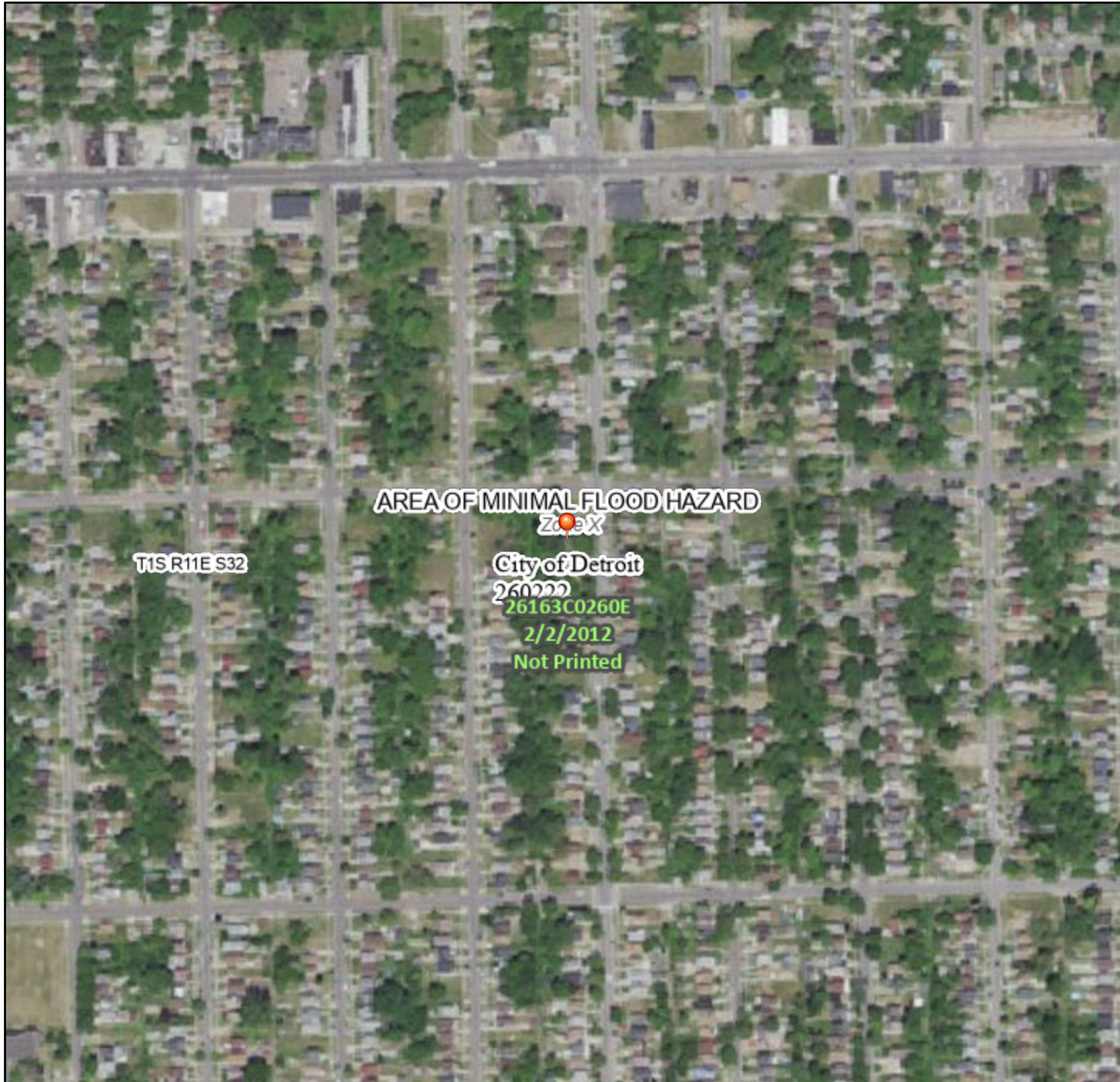
Map Date: March 14, 2016

APPENDIX 3
FLOOD INSURANCE

National Flood Hazard Layer FIRMMette



83°10'24"W 42°22'2"N



1:6,000

83°9'46"W 42°21'35"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) *Zone A, V, A99*
 - With BFE or Depth *Zone AE, AO, AH, VE, AR*
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
 - Future Conditions 1% Annual Chance Flood Hazard *Zone X*
 - Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
 - Area with Flood Risk due to Levee *Zone D*
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard *Zone X*
 - Effective LOMRs
 - Area of Undetermined Flood Hazard *Zone D*
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/4/2024 at 9:17 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Community Status Book Report

Communities Participating in the National Flood Program



MICHIGAN

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Tribal	Reg-Emer Date	CRS Entry Date	Curr Eff Date	Curr Class	% Disc
260775#	DETOUR, TOWNSHIP OF	CHIPPEWA COUNTY		11/20/00	10/16/14	No	09/30/87				
260222C	DETROIT, CITY OF	WAYNE COUNTY	07/26/74	07/02/81	10/21/21	No	07/02/81	10/01/17	04/01/24	7	15%
260631#	DEWITT, CHARTER TOWNSHIP OF	CLINTON COUNTY	06/17/77	06/18/80	05/03/11	No	06/18/80				
260060#	DEWITT, CITY OF	CLINTON COUNTY	03/08/74	12/18/79	05/03/11	No	12/18/79				
260536#	DEXTER, TOWNSHIP OF	WASHTENAW COUNTY	07/18/75	02/19/87	04/03/12	No	02/19/87				
260600#	DEXTER, VILLAGE OF	WASHTENAW COUNTY	10/17/75	04/03/12	04/03/12	No	04/03/12				
260333#	DIMONDALE, VILLAGE OF	EATON COUNTY	10/17/75	09/30/80	11/26/10	No	09/30/80				
260549A	DOUGLAS, CITY OF THE VILLAGE OF	ALLEGAN COUNTY	09/26/75	02/01/80	06/21/23	No	02/01/80				
260055#	DOWAGIAC, CITY OF	CASS COUNTY	06/28/74	09/05/07	09/05/07(M)	No	05/25/78				
260803A	DRUMMOND ISLAND, TOWNSHIP OF	CHIPPEWA COUNTY		11/20/00	10/16/14	No	04/03/01				
261046#	DRYDEN, VILLAGE OF	LAPEER COUNTY		09/19/07	(NSFHA)	No	09/19/07				
260144#	DUNDEE, TOWNSHIP OF	MONROE COUNTY	02/22/74	04/22/83	10/02/14	No	04/18/83				
260313#	DUNDEE, VILLAGE OF	MONROE COUNTY	01/25/74	07/19/82	10/02/14	No	07/19/82				
261172#	DUPLAIN, TOWNSHIP OF	CLINTON COUNTY		05/03/11	05/03/11(M)	No	05/17/24				
260640#	DWIGHT, TOWNSHIP OF	HURON COUNTY		12/02/08	12/02/08(M)	No	06/30/09				
260746B	EAST BAY, CHARTER TOWNSHIP OF	GRAND TRAVERSE COUNTY		08/28/18	04/19/23	No	12/18/86				
260197#	EAST CHINA, CHARTER TOWNSHIP OF	ST. CLAIR COUNTY	04/12/74	05/03/10	05/03/10	No	07/03/78				
260105A	EAST GRAND RAPIDS, CITY OF	KENT COUNTY	05/17/74	09/03/80	02/23/23	No	09/03/80				
260372C	EAST JORDAN, CITY OF	CHARLEVOIX COUNTY	07/11/75	07/19/82	05/16/19	No	07/19/82				
260089#	EAST LANSING, CITY OF	CLINTON COUNTY/INGHAM COUNTY	05/24/74	08/01/80	08/16/11	No	08/01/80				
260100B	EAST TAWAS, CITY OF	IOSCO COUNTY	05/24/74	09/30/77	06/15/22	No	09/30/77				
260727A	EASTON, TOWNSHIP OF	IONIA COUNTY		01/16/15	01/16/15	No	05/25/84				
260067#	EATON RAPIDS, CITY OF	EATON COUNTY	05/24/74	10/15/82	11/26/10	No	10/15/82				
260391#	EATON RAPIDS, TOWNSHIP OF	EATON COUNTY	09/12/75	12/15/83	11/26/10	No	12/15/83				
260999#	EAU CLAIRE, VILLAGE OF	BERRIEN COUNTY		04/17/06	(NSFHA)	No	04/17/06				
260653#	ECKFORD, TOWNSHIP OF	CALHOUN COUNTY	07/22/77	08/19/86	04/04/11(M)	No	08/19/86				
260223C	ECORSE, CITY OF	WAYNE COUNTY	05/03/74	05/01/78	10/21/21	No	05/01/78				
261274#	EDEN, TOWNSHIP OF	MASON COUNTY		07/16/14	07/16/14(M)	No	07/16/14				
260850#	EDENVILLE, TOWNSHIP OF	MIDLAND COUNTY		05/04/09	01/16/13	No	06/04/09				
260364#	EDWARDSBURG, VILLAGE OF	CASS COUNTY	07/11/75	04/20/79	09/05/07(M)	No	04/20/79				
260680B	EGELSTON, TOWNSHIP OF	MUSKEGON COUNTY	08/19/77	08/01/86	07/06/15(M)	No	08/01/86				
260776#	ELBA, TOWNSHIP OF	LAPEER COUNTY		08/04/88	09/19/07(M)	No	08/04/88				
260751	ELK RAPIDS, TOWNSHIP OF	ANTRIM COUNTY			(NSFHA)	No	09/30/87				
260699#	ELK RAPIDS,VILLAGE OF	ANTRIM COUNTY	08/08/80	09/30/88	09/30/88(M)	No	09/30/88				
260569#	ELKTON, VILLAGE OF	HURON COUNTY	10/03/75	12/02/08	12/02/08(M)	No	05/25/84				
260113B	ELMWOOD, CHARTER TOWNSHIP OF	LEELANAU COUNTY	09/20/74	02/02/83	06/07/23	No	02/02/83				
260725#	ELSIE, VILLAGE OF	CLINTON COUNTY		07/16/87	05/03/11(M)	No	07/16/87				
260449B	ELY, TOWNSHIP OF	MARQUETTE COUNTY	05/20/77	09/01/88	06/06/24(M)	No	09/01/88				
260561#	EMMETT, TOWNSHIP OF	CALHOUN COUNTY	09/26/75	06/01/83	04/04/11	No	06/01/83				
260765B	EMPIRE, TOWNSHIP OF	LEELANAU COUNTY		08/28/18	06/07/23	No	09/04/86				



FEMA

Community Status Book Report

Communities Not in the National Flood Program



MICHIGAN

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Tribal	Sanction Date	CRS Entry Date	Curr Eff Date	Curr Class	% Disc
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Summary:

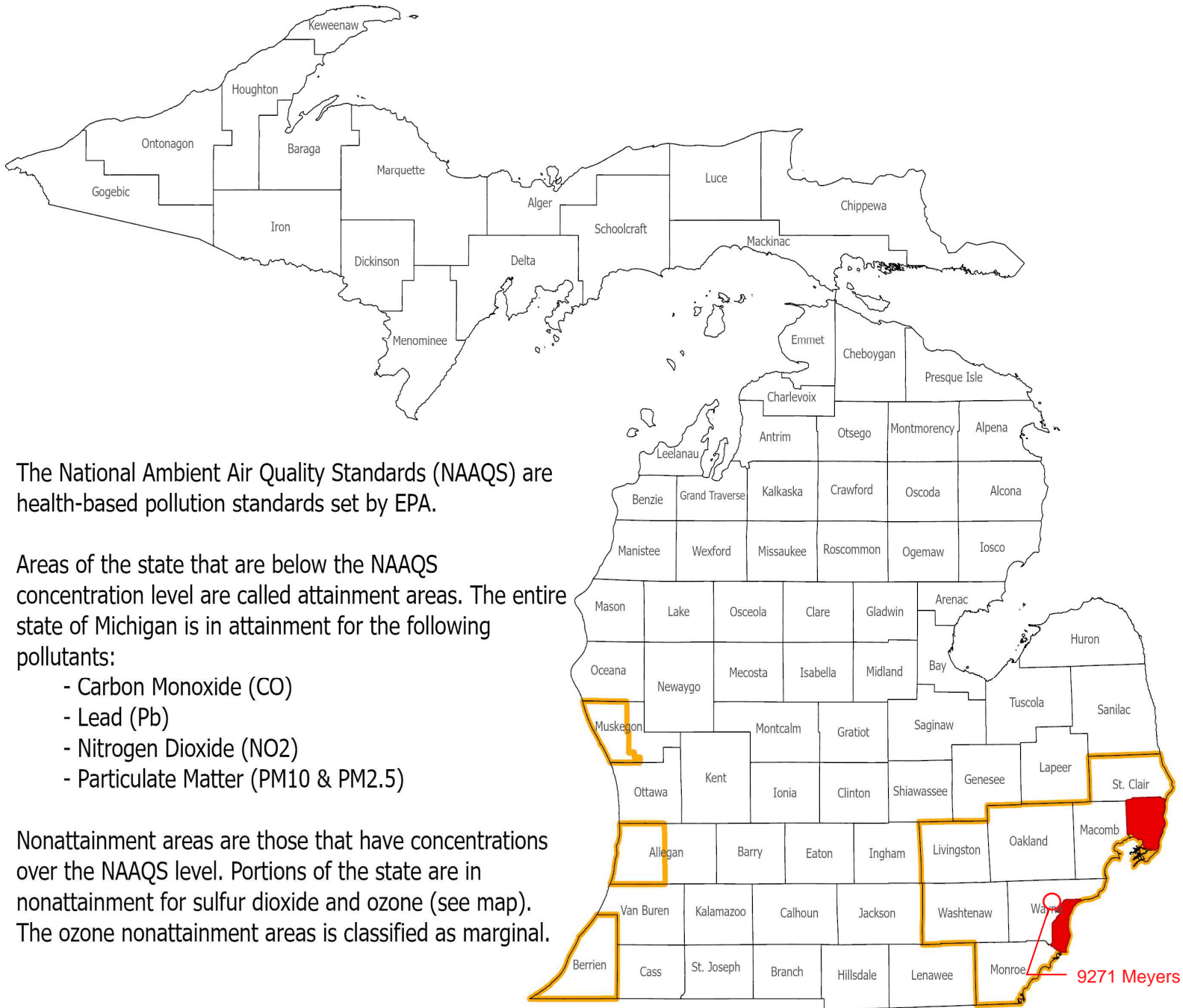
Total Not in Flood Program	194
Total Suspended from Emergency Program	0
Total Suspended from Regular Program	10
Total Withdrawn Communities Not In Program	1
Total Not In Program With Hazard Area Identified	194
Total Not In Program With Hazard Area Identified < 1 Year	1

Legend:

- (E) Indicates Entry In Emergency Program
- NSFHA No Special Flood Hazard Area - All Zone C
- (>) Date of Current Effective Map is after the Date of This Report
- N/A Not Applicable At This Time
- (S) Suspended Community
- (W) Withdrawn Community
- (M) No Elevation Determined - All Zone A, C and X
- (L) Original FIRM by Letter - All Zone A, C and X

APPENDIX 4
CLEAN AIR ACT - AIR QUALITY

Attainment Status for the National Ambient Air Quality Standards



The National Ambient Air Quality Standards (NAAQS) are health-based pollution standards set by EPA.

Areas of the state that are below the NAAQS concentration level are called attainment areas. The entire state of Michigan is in attainment for the following pollutants:

- Carbon Monoxide (CO)
- Lead (Pb)
- Nitrogen Dioxide (NO₂)
- Particulate Matter (PM₁₀ & PM_{2.5})

Nonattainment areas are those that have concentrations over the NAAQS level. Portions of the state are in nonattainment for sulfur dioxide and ozone (see map). The ozone nonattainment areas is classified as marginal.

LEGEND

- Sulfur Dioxide Nonattainment Area
- Ozone Nonattainment Area

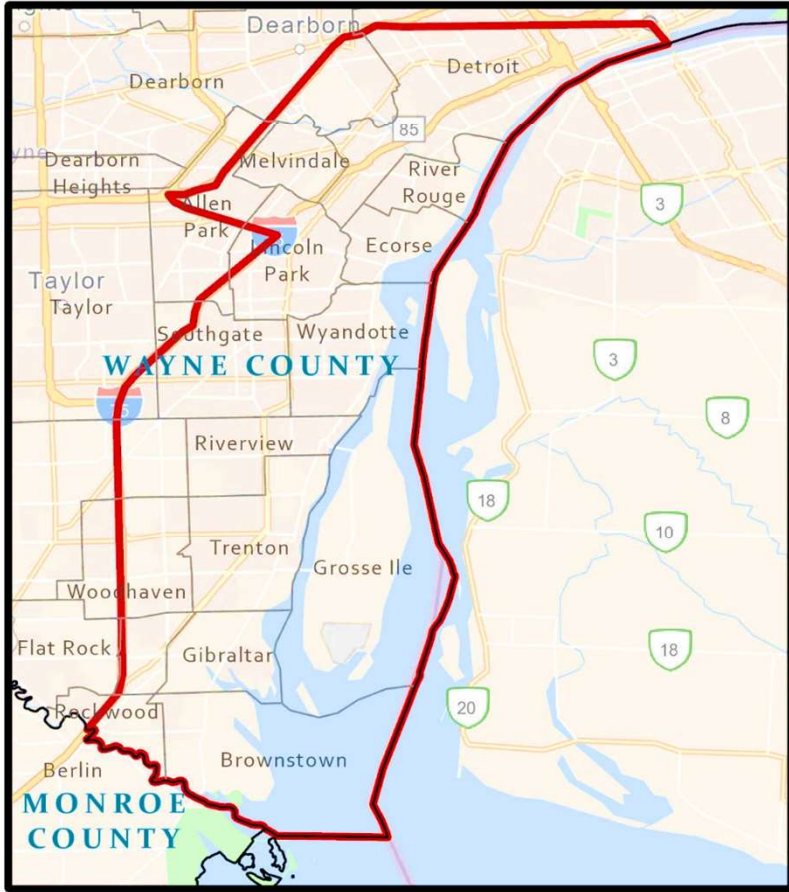
See Page 2 for close-up maps of partial county nonattainment areas.

Close-Up Maps of Partial County

Nonattainment Areas

Sulfur Dioxide Nonattainment Areas

Wayne County Area



St. Clair County Area

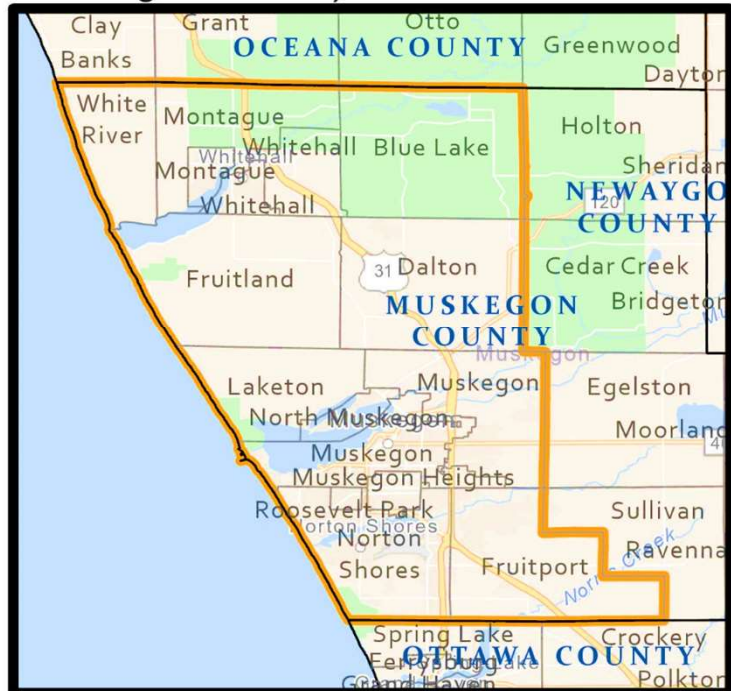


Ozone Nonattainment Areas

Allegran County Area



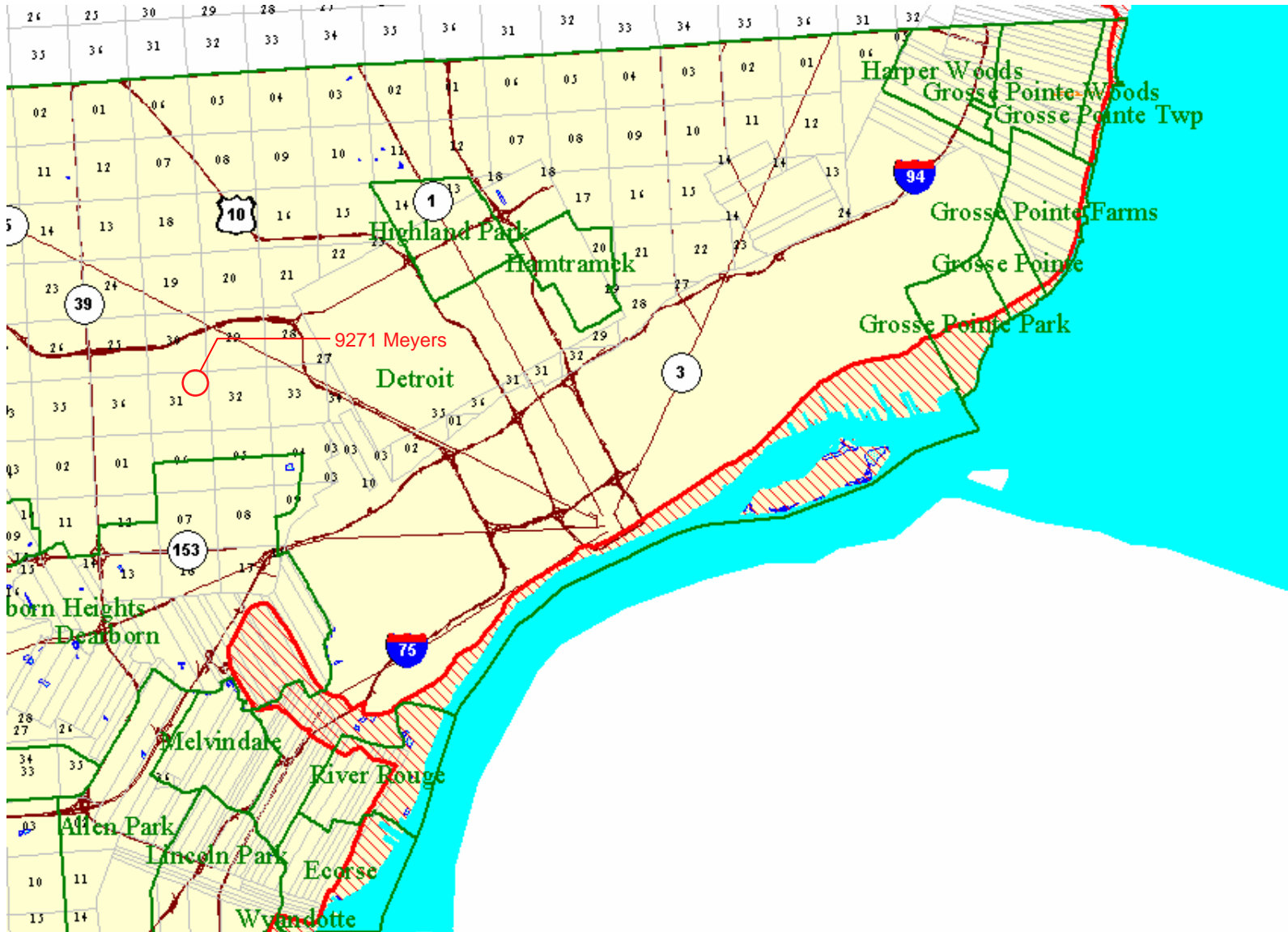
Muskegon County Area



APPENDIX 5
COASTAL ZONE MANAGEMENT

Wayne County
Grosse Pointe Township, Grosse Pointe Woods, Grosse Pointe Farms
Grosse Pointe, Grosse Pointe Park, and Detroit, T1S R14E
Detroit, T1S R14E, T2S R13E, and T2S R12E
River Rouge, T2S R11E

The heavy red line is the **Coastal Zone Management Boundary**
The red hatched area is the **Coastal Zone Management Area**.



APPENDIX 6
CONTAMINATION AND TOXIC
SUBSTANCES



Contamination and Toxic Substances Investigation



Site:

Single Family Residence
9271 Meyers Road
Detroit, Michigan 48228
Parcel ID: 22020653
MCE Project No. 70174

Prepared For:

Detroit Housing Commission
1301 E. Jefferson Avenue
Detroit, Michigan 48207

Date: January 15, 2025



1669 S. Isabella Rd., Mt. Pleasant MI 48858
132 E. Grand River Ave., Brighton MI 48116
2748 Garfield Rd. N., Suite #10, Traverse City MI 49686
2800 S. 11th St., Suite #2, Kalamazoo, MI 49009

January 15, 2025

Ms. Irene Tucker
Detroit Housing Commission
1301 E. Jefferson Avenue
Detroit, Michigan 48207

**Re: Contamination and Toxic Substances Investigation
Single Family Residence
9271 Meyers Road, Detroit, Michigan 48228
Parcel ID: 22020653
MCE Project No. 70174**

Dear Ms. Tucker,

Michigan Consulting & Environmental (MCE) completed a Contamination and Toxic Substances Investigation (CTSI) of the Single-Family Residence located at 9271 Meyers Street, Detroit, Michigan 48228 (hereafter referred to as the "subject property"). This CTSI is being conducted on behalf of the Detroit Housing Commission (DHC) as part of a U.S. Department of Housing and Urban Development (HUD) Environmental Review for a project that is Categorically Excluded Subject to Section 58.5.

SUBJECT PROPERTY INFORMATION

The subject property (Parcel ID #: 22020653) consists of one parcel of land containing approximately 4,399 square feet and is located on the west side of Meyers Road, south of Westfield Avenue. The subject property contains a two-story single family residential dwelling (approximately 1,364 square feet) with a partially finished basement, fenced in backyard (chain link with one (1) gate), and concrete driveway. No accessory structures (garage are present. The remainder of the subject property consists of a concrete sidewalk, groomed grass, and overgrown vegetation. A copy of the legal description is included as **Appendix A**.

The residential dwelling located on the subject property was first constructed in 1973. The surrounding properties in each cardinal direction are utilized for residential purposes, and no businesses are located nearby.

According to publicly available records from the City of Detroit Open Data Portal – Fire Incidents, a fire was reported for the subject property at 4:56 a.m. on June 1, 2024. A Freedom of Information Act (FOIA) Request was submitted to the City of Detroit through their online request portal for additional records pertaining to the June 2024 fire. At the time of this report, a response has not been received.

Due to the extensive fire damage, the residential dwelling is planned for demolition.

PREVIOUS SITE INVESTIGATIONS

Limited Phase I Environmental Site Assessment

Environmental Testing & Consulting (ETC) completed a Limited Phase I Environmental Site Assessment (ESA) for the subject property dated April 14, 2022, in conformance with the scope and limitations of ASTM Standard Practice E1527-21.

The subject property appears to have been vacant land until 1973, when the single-family residential dwelling was constructed, and the subject property has been used for residential purposes since that time.

ETC did not identify any Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Historical Recognized Environmental Conditions (HRECs) for the subject property during the completion of the April 2022 Limited Phase I ESA.

Combination Lead Based Paint Inspection & Risk Assessment and Asbestos Assessment

ETC - Environmental Services/Wilco Environmental, Inc. (ETC/Wilco) conducted a Combination Lead Based Paint Inspection & Risk Assessment and Asbestos Assessment for the subject property dated July 27, 2009.

ETC/Wilco conducted a lead-based paint (LBP) inspection and lead risk assessment, which consisted of breaking the dwelling into different functional areas. Dust, soil, and deteriorated paint samples were collected and analyzed by Accurate Analytical Testing (AAT) in Romulus, Michigan. Results were compared to the *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards and Housing* guidance document provided by the HUD Office of Health Homes and Lead Hazard Control.

After reviewing the analytical results for the paint, dust, and soil samples collected, no lead based paint hazards were found within the tested areas of the building, and no follow up abatement or interim control actions were deemed necessary. ETC/Wilco did note that working on components with lead levels below the HUD guidelines can create lead dust and/or additional LBP hazards.

ETC/Wilco also conducted an asbestos inspection for the subject property. Samples were collected by a licensed asbestos inspector per the OSHA requirements at the time of the report. All bulk samples were analyzed using polarized light microscopy (PLM) at Environmental Testing Laboratories (ETL) in Romulus, Michigan.

Of the sampled materials, asbestos was only detected in 30 linear feet of *Exterior Caulk, Non-Friable, Brown* (ETC/Wilco Executive Summary Chart 2). Asbestos was not identified from any of the interior materials sampled. Based on these results, ETC/Wilco recommended that "lead and asbestos safe work practices" be followed any time that an asbestos containing material or surface is disturbed.

No limitations were encountered during the combined LBP/lead risk assessment and asbestos assessment, and all items and materials were accessible and able to be sampled, and no materials need to be assumed to contain LBP or asbestos.

Copies of the previous site investigations conducted for the subject property are located in **Appendix B**. No additional previous site investigations were identified by MCE for the subject

property. There is potential for previous reports for the subject property to exist, however, none were provided to MCE nor available with the appropriate state regulatory agencies.

SITE RECONNAISSANCE

On December 31, 2024, Jenna MacDonald and Joel Harris from MCE conducted a site reconnaissance of the subject property. The subject property reconnaissance was accomplished by a systematic walking of the subject property, which was inspected for the presence of hazardous or toxic substances, hazardous wastes or petroleum products, and other evidence of contamination and toxic substances that may have been visually and physically observable. Items that typically represent the potential for environmental impairment include, but are not limited to, asbestos containing materials, flammable substances, spills, leaks, ground discoloration and disturbances, unusual odors, dead or dying foliage, and electrical equipment that may (currently or formerly) utilize dielectric fluid containing polychlorinated biphenyls (PCBs).

The adjoining properties were also visually inspected from the subject property at the time of the reconnaissance.

Exterior Observations

The following table summarizes the exterior subject property observations which may be cause for environmental concern. Affirmative responses are discussed further below the following table.

Category	Item	Item Observed
Above Ground Hazardous Substance/Petroleum Product Storage	Aboveground Storage Tanks (ASTs)	No
	Drums, barrels or containers ≥ five gallons in connection with identified uses	No
	Drums, barrels or containers ≥ five gallons not in connection with identified uses	No
Underground Hazardous Substance/Petroleum Product Storage	USTs, including fill ports and/or vent pipes	No
	Fuel dispensers	No
	Natural gas or petroleum pipelines/wells	No
Basic & Specialized Systems	Pole-mounted or pad-mounted transformers	No
	Hydraulic equipment	No
	Potable Water Well or Onsite Septic	No
	Potential Mercury Containing Equipment	No
Indications of Releases or Potential Releases	Stained soil or pavement	No
	Stressed vegetation	No
	Pools of liquid	No
	Strong or pungent odors	No
	Filled land/soil piles/mounding	No
	Unregulated/unauthorized waste disposal	No
	Trash/debris/other waste materials	No
Dumpsters with staining	No	

Category	Item	Item Observed
	Monitoring wells	No
Drainage & Waste Collection Systems	Pits	No
	Ponds	No
	Lagoons	No
	Sumps/oil-water separators	No
	Storm water collection basins	No
	Dry wells/crocks/cisterns	No
Other Notable Items	Odors	No

Items noted as not observed do not fully warrant that these items are not present on the subject property as some items may not have been readily observable.

No indications of contamination or toxic substances were observed on the exterior portions of the subject property or the portions of the adjoining properties that were visible from the subject property.

Interior Observations

Due to the extensive fire damage on the second floor of the residential dwelling, MCE was unable to safely enter the interior of the subject building, and as a result, an interior inspection was not conducted.

An interior site reconnaissance was conducted during ETC’s April 2022 Limited Phase I ESA, and no evidence of contamination and/or toxic substances was identified. Because the subject property use has not changed since that time, it is unlikely that contamination and/or toxic substances would have been identified by MCE. Therefore, MCE does not believe that this limitation is likely to change the conclusions of this report.

Asbestos Containing Materials

During the site reconnaissance, MCE attempted to sample the residential dwelling for asbestos containing materials. However, because MCE was unable to safely enter the dwelling, the presence of asbestos is unknown. Due to the age of the dwelling, it is likely that asbestos containing materials are present in some capacity.

In addition, ETC/Wilco did detect asbestos within a sample of the exterior caulk and recommended that “lead and asbestos safe work practices” be followed any time that an asbestos containing material or surface is to be disturbed, and MCE concurs with this recommendation.

Therefore, it is the opinion of MCE that the DHC should treat all materials within the building as if they are asbestos containing materials, and work with a certified asbestos abatement contractor to ensure that the materials are handled appropriately during the demolition.

A photo log illustrating the current subject property conditions is located in **Appendix C**.

CONCLUSIONS AND RECOMMENDATIONS

On December 31, 2024, MCE mobilized to the subject property to inspect for the presence of hazardous or toxic substances, hazardous wastes or petroleum products, and other evidence of contamination and toxic substances that may have been visually and physically observable. No indications of the presence of contamination and toxic substances were identified on the subject property exterior or the adjoining properties. MCE was unable to safely enter the dwelling due to extensive fire damage; therefore, reconnaissance of the dwelling’s interior was not conducted.

A Limited Phase I ESA was conducted for the subject property by ETC in April 2022, and no RECs were identified for the subject property after an interior and exterior inspection.

ETC/Wilco detected asbestos containing materials during the combined lead-based paint and asbestos inspection conducted in July 2009 and recommended that “lead and asbestos safe work practices” be followed any time that an asbestos containing material or surface is to be disturbed. MCE was unable to safely enter the dwelling in order to conduct additional asbestos sampling. Therefore, all materials within the residential dwelling should be treated as asbestos-containing materials during demolition activities, and the DHC should work with a licensed asbestos abatement contractor to ensure that all materials are handled appropriately.

Please contact us at (989)-772-2441 if you have any questions regarding the contents of this report.

AUTHOR SIGNATURE



Jenna MacDonald
Regional Manager

REVIEWER SIGNATURE



James Kralik
Senior Geologist

APPENDICES

- Appendix A: Legal Description
- Appendix B: Previous Site Investigations
- Appendix C: Photo Log

Appendix A



9271 MEYERS 48228 (Property Address)

Parcel Number: 22020653.



Item 1 of 3 2 Images / 1 Sketch

Property Owner: DETROIT HOUSING COMMISSION

Summary Information

- > Residential Building Summary
 - Year Built: 1973
 - Full Baths: 1
 - Sq. Feet: 1,364
 - Bedrooms: 0
 - Half Baths: 0
 - Acres: 0.101
- > Assessed Value: \$0 | Taxable Value: \$0
- > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT HOUSING COMMISSION CITYOWNED ADMIN 2211 ORLEANS ST DETROIT, MI 48207-2731	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

Legal Description

W MEYERS 589 B E TAYLORS QUEENSBORO SUB L35 P26 PLATS, W C R 22/562 35 X 125.75

Other Information

Recalculate amounts using a different Payment Date

You can change your anticipated payment date in order to recalculate amounts due as of the specified date for this property.

Enter a Payment Date

1/15/2025

Recalculate

Privacy - Terms

Appendix B





**ENVIRONMENTAL REVIEW
Categorically Excluded Subject to Section 58.5**

LIMITED PHASE I ESA

Group 21

**DEVELOPMENT #MI001000012
Single Family Resident
9237 Cheyenne Street
Detroit, Michigan 48228**

**DEVELOPMENT #MI001000014
Single Family Resident
9271 Meyers Street
Detroit, Michigan 48228**

April 14, 2022

Prepared for:
Ms. Penny Dwoinen, Vice President
Detroit Housing Commission
1301 E. Jefferson Avenue
Detroit, Michigan 48207

Prepared by:

Environmental Testing & Consulting, Inc.
38900 West Huron River Drive
Romulus, Michigan 48174
800-864-3236 (phone); 734-955-6604 (fax)
ETC Project No. 245855

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

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1.2 <i>Current Use of Surrounding Properties</i>	1
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1.4 <i>Findings</i>	2
1.5 <i>Opinions</i>	2
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**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

1.0 EXECUTIVE SUMMARY

Environmental Testing and Consulting, Inc. (ETC) was retained by Ms. Penny Dwoinen, of Detroit Housing Commission to perform a 24 CFR Part 58 Environmental Review of a Single-Family Residence, 9237 Cheyenne Street and 9271 Meyers Street, Detroit, Michigan 48228. The property is 611 feet above mean sea level with coordinates Latitude (north) 42.36300 and Longitude (West) -83.17343; USGS Quadrangles, Royal Oak and Dearborn combination, 2017 Topographic map.

9237 Cheyenne Street (Dev # MI001000012)

The property (Parcel ID #: 22026388) is a 4,181 square feet lot with a two-story SFR structure, 1,284 sf, with a partially finished basement, a concrete driveway and no garage, located on the west side of Cheyenne Street, built in 1932.

9271 Meyers Street (Dev # MI001000014)

The property (Parcel ID #: 22020653) is a 4,399 square feet lot with a two-story SFR structure, 1,364 sf, with a partially finished basement, a concrete driveway and no garage, located on the west side of Meyers Street, built in 1973.

The property is in low Radon Zone 3 for the site and surrounding areas within a mile radius indication **zone 3** and have 0 to 2 pCi/L (picocuries per liter of air).

1.1 Current Use of the Subject Property

The current use of the subject property is a residential Single Family affordable housing program for Detroit Housing Commission.

1.2 Current Use of Surrounding Properties

The subject property is surrounded by residential properties, called Barton-McFarland Subdivision.

1.3 Site Reconnaissance

ETC performed the site reconnaissance on March 3, 2022. The subject property is located in a residential setting with established trees and landscaping. Residential properties are within the Barton-McFarland Subdivision with no businesses nearby. The terrain is level with the structure 2 feet higher elevation than street level for drainage/ run-off.

No hazardous substances were observed being residential property.

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

1.4 Findings

1.4.1 Known or Suspect Recognized Environmental Conditions

No Recognized Environmental Conditions were identified for the subject property after a detailed records search and indicates no RECs have impacted the subject property.

1.4.2 Controlled Recognized Environmental Conditions

A *Controlled Recognized Environmental Condition* is a Recognized Environmental Condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g. as evidenced by the issuance of a no further action (NFA) letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g. property use restrictions, activity and use limitations, institutional controls, or engineering controls).

No CRECs were identified for the subject property.

1.4.3 Historical Recognized Environmental Condition (HREC)

An *Historical Recognized Environmental Condition* is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g. property use restrictions, activity and use limitations, institutional controls, or engineering controls.)

No HRECs were identified for the subject property.

1.5 Opinions

Based upon site reconnaissance observations and governmental and historical record reviews, it appears that surrounding properties soils and groundwater do not have a potential to adversely impact the subject property. Historical data search reveals activities and operations and surrounding properties have not impacted the subject property, as described in Section 2.0.

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

2.0 RECORDS REVIEW

ETC reviewed the ERIS Radius Map Report, dated February 25, 2022. This report presents the findings of a computerized environmental database search for the subject property and surrounding area based on standard ASTM search distances. Please see the attached report for a detailed listing and descriptions of ERIS search results.

2.1 Standard Environmental Record Sources, Federal

Federal Records: With no listings

NPL (National Priority List) renamed to SEMS in 2015. No NPL sites were found within a 1-mile radius of the target property.

Proposed and Delisted NPL renamed to SEMS-Archive in 2015. No sites were found within a 1-mile radius of the target property.

SEMS (Superfund Enterprise Management System) / formerly CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System List. No properties were found within a 1-mile radius of the target property.

SEMS-Archive/CERCLIS NFRAP (CERCLIS No Further Remedial Action Planned List): These are archived sites that 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 EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL) unless other considerations require a recommendation for listing at a later time. No sites were found within a 1-mile radius of the target property

NPL LIENS, No Superfund site liens were found within a 1-mile radius of the target property.

RCRA -LQG -SQG, No large or small quantity generators were found within a 1-mile radius of the target property.

LUCIS – Land Use Control Information System, Federal Institutional Controls/Engineering Control Registries, No sites were found within a 1-mile radius of the target property.

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

ERNS – Emergency Response Notification System. No ERNS sites were found within a 1-mile radius of the target property.

RCRA TSDF (Treatment, Storage, Disposal Facilities): No sites are listed within a 0.5 mile radius of the subject property.

FUDS (formerly used Defense Sites where the U.S. Army Corps of Engineers (Louisville District) is actively working or planned cleanup measures. No site exists within a 1-mile radius. No projects are listed for this site and this site is not on the NPL list.

RCRA CORRACTS (RCRA Corrective Action Sites List): No CORRACTS property was found within a 1-mile radius.

U.S. Brownfields: No sites are listed within a 0.5-mile radius of the subject property:

Federal Records: With listings

RCRA VSQG, two (2) site is within a 1-mile radius:

- West Chicago Cleaners, 13107 W. Chicago St (0.21 mi NNE) no violations; closed site.
- **Lower Elevation-** McFarlane Elem School, 8900 Cheyenne St (0.22 mi SSE) no violations. BEA # 201506590LV in 2015; risks not determined by state.

2.2 Standard Environmental Record Sources, State

State and Tribal Equivalent Records:

Michigan Solid Waste Landfill Facilities Database. No MI SWF/LF sites were found withing a 1-mile radius of the target property.

Indian UST. No underground storage tanks were found within a 1-mile radius of the target property.

Indian LUST. No Indian Leaking Underground Storage Tank sites were found within a 1-mile radius of the target property.

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

FEMA UST, No underground storage tanks were found within a 1-mile radius of the target property.

MI Brownfields, No Brownfields properties were found within a 1-mile radius of the target property.

MI LUST, eleven (11) sites were found within a 0.5 mile-radius of the subject property as follows:

- Gibraltar National Corp, 8951 Schaefer Hwy (0.23 mi SW) Closed release in 1993 with USTs removed from the ground.
- 13603 W. Chicago St (0.26 mi NW) Closed release in 2004 with USTs currently in use.
- A&M Fuel, Inc, 12700 W. Chicago St (0.37 mi ENE) Closed release in 1996 with USTs currently in use.
- Westfield Industrial Center, 13881 W. Chicago St (0.38 mi W) Closed release in 1998 with USTs removed from the ground.
- Freeland Mftg Co, 9260 Freeland St (0.45 mi W) Closed release in 1993 with USTs removed from the ground.
- Wolpin Co, 9350 Freeland St (0.46 mi W) Closed release in 1995 with USTs removed from the ground.
- Best Block Co, 14210 W. Chicago St (0.48 mi WNW) Closed release in 1992 with USTs removed from the ground.
- Total Building Services, Inc, 9101 Freeland St (0.48 mi W) Open release since 1990 with USTs removed from the ground.
- **Lower Elevation-** Tommie Worthy, 13601 Joy/Schaefer (0.35 mi SW) Closed release in 2000 with USTs removed from the ground.
- Foodland Distributors, Inc, 13901 Joy Rd (0.44 mi SW) Open release since 1996 with USTs removed from the ground.
- ZMT, 10840 Joy Rd (0.44 mi ESE) Closed release in 2008 with USTs currently in use.

Part 201 / State Hazardous Waste Sites (SHWS) and MI Inventory: twenty-seven (27) sites are listed within a 1-mile radius with the nearest listed below:

- **Lower Elevation-** 8900 Cheyenne St (0.22 mi SSE) BEA # 201506590LV in 2015; risks not determined by state.

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

Solid Waste Landfills and/or Solid Waste Disposal Sites: No site is listed within a 0.5-mile radius of the subject property.

Historical Landfills: No sites are listed within a 0.5-mile radius of the subject property.

USTs/ASTs (Registered Underground Storage Tanks / Aboveground Storage Tanks). A listing as an UST or AST does not indicate that a release has occurred. One (1) UST sites are listed within a 0.25-mile radius of the subject property and no ASTs:

- Marathon Unit #1366, 13555 W. Chicago St (0.23 mi NW) USTs removed from the ground in 1983.

BEAs (Baseline Environmental Assessments): A BEA site is one in which contamination is present above the EGLE Residential Cleanup Criteria for a relevant pathway. Forty-six (46) BEA sites are listed within a 1-mile radius with the nearest listed below:

- **Lower Elevation-** McFarlane Elem School, 8900 Cheyenne St (0.22 mi SSE) BEA # 201506590LV in 2015; risks not determined by state.

AUL (Institutional Control / Engineering Control Registries): One (1) Michigan AUL sites are listed within a 0.5-mile radius of the subject property.

- Solo, Inc, 13603 W. Chicago St (0.23 mi WNW) Deed restriction date 5/4/2004 for Comm III use, only.

State and Tribal Brownfields: No State/Tribal Brownfields site is listed within a 0.5-mile radius of the subject property.

High Risk and Additional and Non-geocoded properties:

Manufactured Gas Plant (MGP); no sites withing 1-mile radius

Historical Dry Cleaners; no sites within a 0.125-mile radius

Historical Automotive Repair; no sites within a 0.125-mile radius

Non-geocoded sites: Five (5) sites are listed; none are likely to impact the subject property.

**CONTAMINATION AND TOXIC SUBSTANCES
 DEVELP #MI001000012 and 14– SFR Group 21
 9237 Cheyenne and 9271 Meyers Streets
 Detroit, Michigan 48228**

3.0 SITE RECONNAISSANCE

ETC conducted site reconnaissance of the subject property, Single Family Resident (SFR), on March 3, 2022. Details are discussed in the following text.

3.1 Methodology and Limiting Conditions

ETC followed ASTM standards for site reconnaissance. Visual observations also were made of the adjoining properties.

3.2 General Site Setting

The subject property is located in a residential setting with established trees and landscaping. Residential properties are within the Barton-McFarland Subdivision with no businesses nearby. The terrain is level with the structure 2 feet higher elevation than street level for drainage/ run-off.

3.3 Vicinity Site Setting

The subject property is located in a residential subdivision, called Barton-McFarland Subdivision.

Direction from Subject Property	Surrounding Properties
North	Residential SFR homes
East	Residential SFR homes
South	Residential SFR homes
West	Residential SFR homes

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

4.0 ACRONYMS AND TERMS

AADT – Annual Average Daily Traffic counts

AAI – All Appropriate Inquiry 2022 –

AARST – American Association of Radon Scientists and Technologists

ACM – Asbestos-Containing Material

ALTA – American Land Title Association ASD – HUD’s Acceptable Separation Distance

AST – Aboveground Storage Tank

ASTM – American Society for Testing and Materials

AUL – Activity and Use Limitations

BEA – Baseline Environmental Assessment

BER – Business Environmental Risk

BFE – Base Flood Elevation aka 100-year floodplain, aka Special Flood Hazard Area Busy Roadway – any freeway, expressway, highway, US or state route, or major roadway OR any road that is a significant contributing source to site DNL.

CREC – Controlled Recognized Environmental Condition dB – decibel unit of sound

DDCC – Documentation of Due Care Compliant (EGLE)

DNL – Day-Night Level, HUD standard for 24-hour weighted average noise level in decibels

DQO – Data Quality Objectives

EGLE – Michigan Department of Environment Great Lakes and Energy

EMF – Electro-Magnetic Field

EP – Environmental Professional

ESA – Environmental Site Assessment

FEMA – Federal Emergency Management Agency

FIRM – Flood Insurance Rate Map

FONSI – Findings of No Significant Impact

FTA – Federal Transit Administration

HREC – Historic Recognized Environmental Condition

HUD – Department of Housing and Urban Development

LIHTC: Low-Income Housing Tax Credits

LBP – Lead-Based Paint

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

LUST – Leaking Underground Storage Tank

Major rehabilitation (HUD) means rehabilitation that involves costs in excess of 75 percent of the value of the building before rehabilitation (CPD Glossary; HUD Exchange).

MIOSHA – Michigan Occupational Safety and Health Administration

MSHDA – Michigan State Housing Development Authority

NEPA – National Environmental Policy Act of 1969

NESHAP – National Emission Standards for Hazardous Air Pollutants

NFA – No Further Action letter

NFIP – National Flood Insurance Program

PCB – Polychlorinated Biphenyls PBV – Project-Based Vouchers

QA/QC – Quality Assurance/Quality Control

RAD – HUD’s Rental Assistance Demonstration program

RAP – Response Activity Plan RD – MSHDA’s Rental Development Division

RE – Responsible Entity

REC – Recognized Environmental Condition/Concern

RFQ – Request for Qualifications

SFHA – Special Flood Hazard Area

SHPO – State Historic Preservation Office

Substantial Improvement (FEMA) means any construction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the “start of construction” of the improvement.

Substantial rehabilitation (HUD) means rehabilitation that involves costs in excess of 75 percent of the value of the building after rehabilitation (CPD Glossary; HUD Exchange).

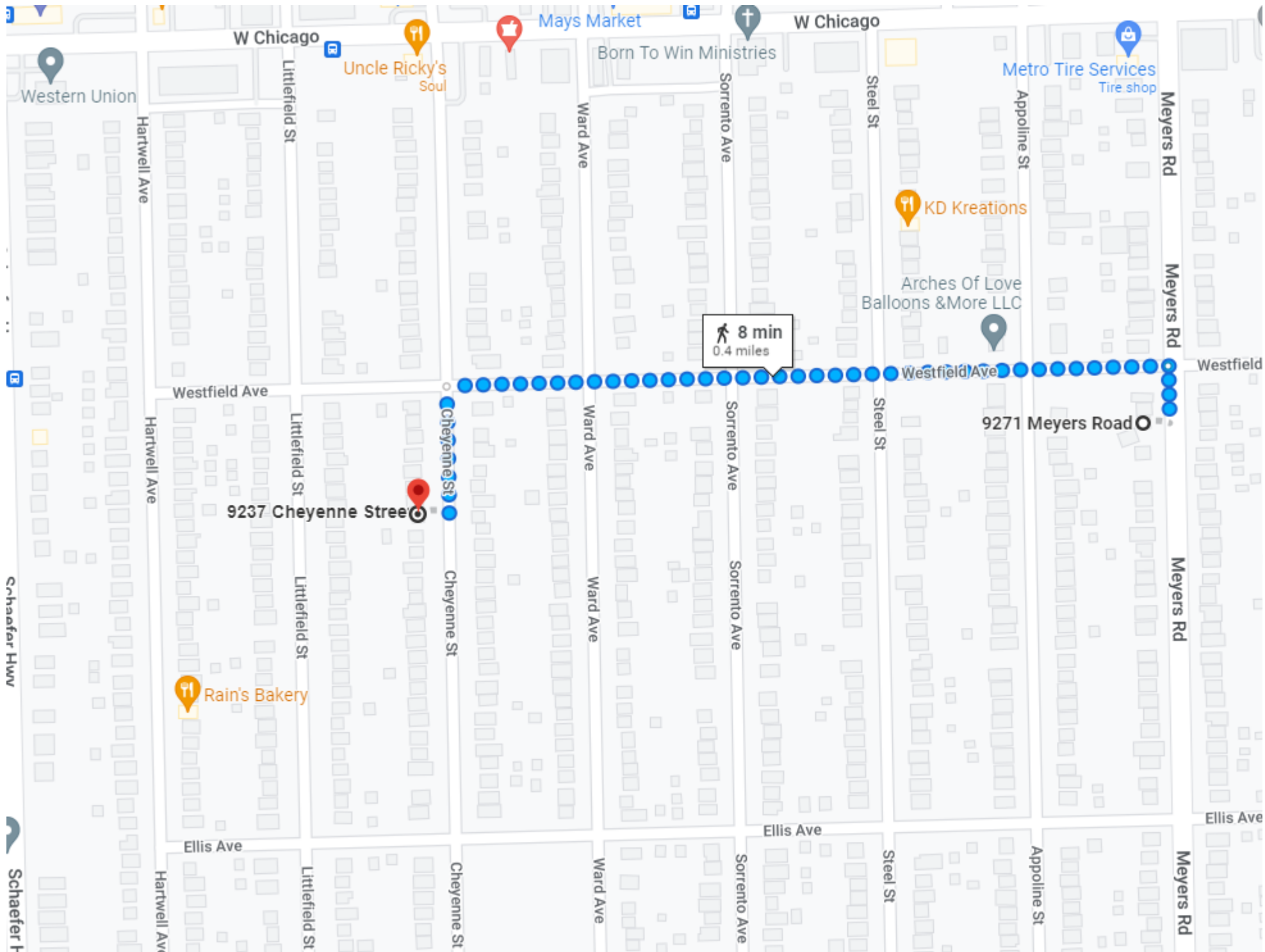
USF&W – United States Fish and Wildlife Service

USGS – United States Geological Survey

UST – Underground Storage Tank

VEC – Vapor Encroachment Condition

VES – Vapor Encroachment Screen





Looking W at the subject property.

Phase I Environmental Site Assessment
Single Family Residence
9237 Cheyenne
Detroit MI, 48228



38900 W. Huron River Drive, Romulus, MI 48714
ETC Project No. 245855

Photos by SLS 3/3/22



Looking W at the subject property

Phase I Environmental Site Assessment
Single Family Residence
9237 Cheyenne
Detroit MI, 48228



38900 W. Huron River Drive, Romulus, MI 48714
ETC Project No. 245855

Photos by SLS 3/3/22



Looking W at the subject property.

Phase I Environmental Site Assessment
Single Family Residence
9271 Meyers
Detroit MI, 48228



38900 W. Huron River Drive, Romulus, MI 48714
ETC Project No. 245855

Photos by SLS 3/3/22



Looking W at the subject property

Phase I Environmental Site Assessment
Single Family Residence
9271 Meyers
Detroit MI, 48228



38900 W. Huron River Drive, Romulus, MI 48714
ETC Project No. 245855

Photos by SLS 3/3/22



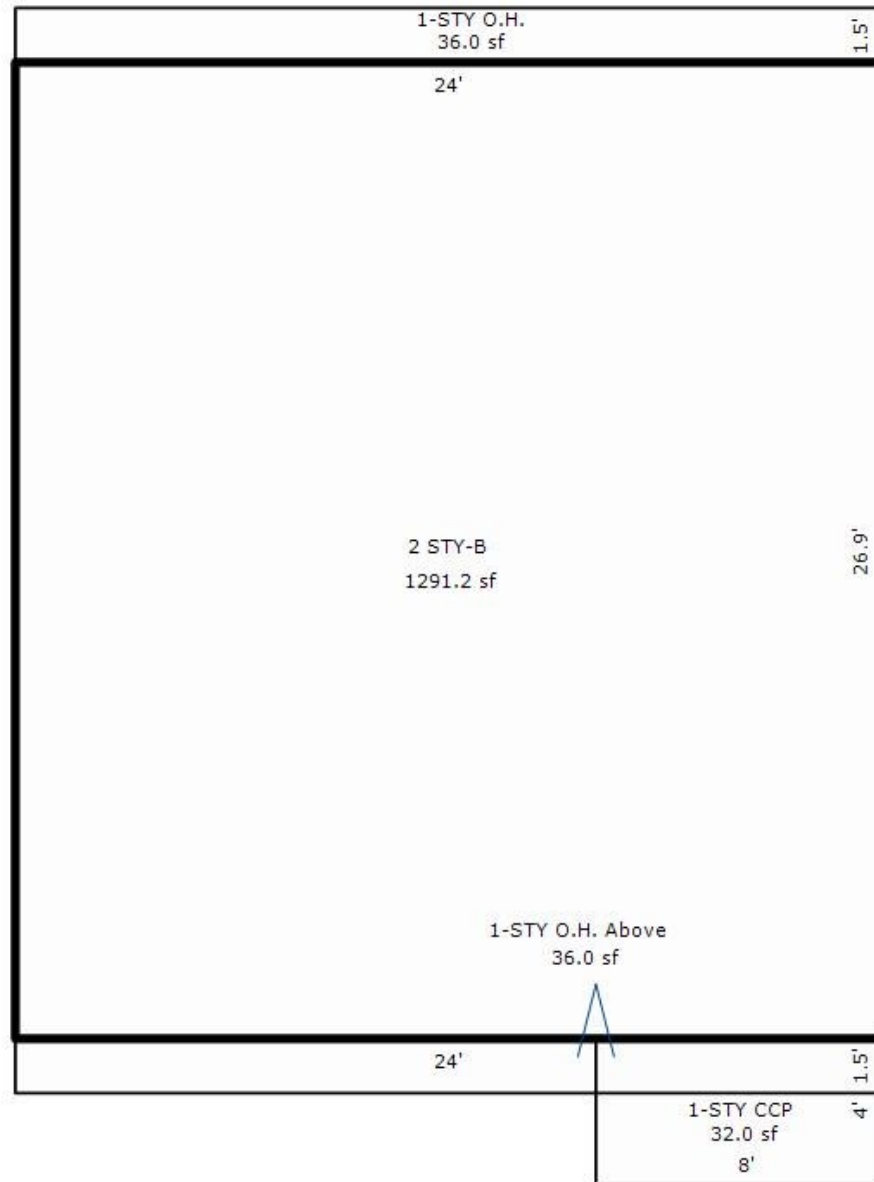
Looking W at the backyard of the subject property

Phase I Environmental Site Assessment
Single Family Residence
9271 Meyers
Detroit MI, 48228



38900 W. Huron River Drive, Romulus, MI 48714
ETC Project No. 245855

Photos by SLS 3/3/22



MEYERS RD

**CONTAMINATION AND TOXIC SUBSTANCES
DEVELP #MI001000012 and 14– SFR Group 21
9237 Cheyenne and 9271 Meyers Streets
Detroit, Michigan 48228**

APPENDICES

ERIS 1-MILE SURVEY REPORT



DATABASE REPORT

Project Property: *Group 21
9237 Cheyenne St
Detroit MI 48228*

Project No: *245855*

Report Type: *Database Report*

Order No: *22021400949*

Requested by: *Environmental Testing & Consulting, Inc*

Date Completed: *February 25, 2022*

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Executive Summary

Property Information:

Project Property: *Group 21
9237 Cheyenne St Detroit MI 48228*

Project No: *245855*

Coordinates:

Latitude:
Longitude:
UTM Northing: *4,692,355.04*
UTM Easting: *320,953.62*
UTM Zone: *17T*

Elevation: *611 FT*

Order Information:

Order No: *22021400949*
Date Requested: *February 14, 2022*
Requested by: *Environmental Testing & Consulting, Inc*
Report Type: *Database Report*

Historicals/Products:

ERIS Xplorer [*ERIS Xplorer*](#)
Excel Add-On *Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	2	-	-	2
RCRA NON GEN	Y	0.25	0	0	2	-	-	2
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	1	4	22	27
DELISTED CONTAM	Y	1	0	0	1	0	2	3
DELISTED SHWS	Y	1	0	0	1	0	3	4
SITE CLEANUP	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
WASTE	Y	0.5	0	0	6	31	-	37
RECYCLING	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	1	10	-	11
DELISTED LUST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	1	-	-	1
AST	Y	0.25	0	0	0	-	-	0
UNREG TANK	Y	0.25	0	0	0	-	-	0
TANK FACILITY	Y	0.25	0	0	0	-	-	0
DELISTED TANK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	1	0	-	1
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BFLD REDEV	Y	0.5	0	0	0	0	-	0
BFLD UST	Y	0.5	0	0	0	0	-	0
NFA RES	Y	0.5	0	0	1	0	-	1
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
BFLD GRAND RAPIDS	Y	0.5	0	0	0	0	-	0

Additional Environmental Records

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	4	-	-	-	4
BEA	Y	1	0	0	3	6	37	46
PFAS	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	3	-	-	3

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
LIEN	Y	PO	0	-	-	-	-	0
Tribal	No Tribal additional environmental record sources available for this State.							
County								
CDL KALAMAZOO	Y	0.125	0	0	-	-	-	0
Total:			0	4	23	51	64	142

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	SPILLS		9160 Hartwell St Detroit City MI	WSW	0.12 / 622.08	0	38
			<i>Incident No Rel Incident Contr:</i> 26177				
2	SPILLS		9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	0	39
			<i>Incident No Rel Incident Contr:</i> 25675				
2	SPILLS		9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	0	40
			<i>Incident No Rel Incident Contr:</i> 25542				
2	SPILLS		9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	0	41
			<i>Incident No Rel Incident Contr:</i> 24774				
3	RCRA NON GEN	US DEPT/JUSTIC	9367 WARD ST DETROIT MI 48228	NE	0.14 / 720.63	4	42
			<i>EPA Handler ID:</i> MIK588351213				
3	WASTE	DRUG ENFORCEMENT AGENCY	9367 WARD ST DETROIT MI 48228	NE	0.14 / 720.63	4	43
4	RCRA VSQG	WEST CHICAGO CLEANERS	13107 W CHICAGO ST DETROIT MI 48228	NNE	0.21 / 1,113.41	4	43
			<i>EPA Handler ID:</i> MID985649516				
4	DRYCLEANERS	WEST CHICAGO CLEANERS	13107 WEST CHICAGO DETROIT MI 48228	NNE	0.21 / 1,113.41	4	44
4	WASTE	WEST CHICAGO CLEANERS	13107 W CHICAGO ST DETROIT MI 48228	NNE	0.21 / 1,113.41	4	45
5	RCRA VSQG	MCFARLANE ELEM SCHOOL	8900 CHEYENNE ST DETROIT MI 48228	SSE	0.22 / 1,144.27	-1	45
			<i>EPA Handler ID:</i> MID985601905				
5	BEA	McFarlane PK-5	8900 Cheyenne Street MI 48228	SSE	0.22 / 1,144.27	-1	47
5	WASTE	MCFARLANE ELEM SCHOOL	8900 CHEYENNE ST DETROIT MI 48228	SSE	0.22 / 1,144.27	-1	47

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	BEA	8900 Cheyenne Street	8900 Cheyenne Street Detroit MI 48228	SSE	0.22 / 1,144.27	-1	47
5	BEA	McFarlane PK-5	8900 Cheyenne Street Detroit MI 48228	SSE	0.22 / 1,144.27	-1	48
5	SHWS	8900 Cheyenne Street	8900 Cheyenne Street, MI, 48228 MI	SSE	0.22 / 1,144.27	-1	48
6	LUST	Gibraltar National Corp	8951 Schaefer Hwy Detroit MI 48228 <i>ID: 00007185</i>	SW	0.23 / 1,211.81	0	49
7	RCRA NON GEN	Q & Q CLEANERS	13028 W CHICAGO ST DETROIT MI 48228 <i>EPA Handler ID: MID985582162</i>	NE	0.23 / 1,215.61	4	49
7	WASTE	Q & Q CLEANERS	13028 W CHICAGO ST DETROIT MI 48228	NE	0.23 / 1,215.61	4	51
8	UST	Marathon Unit #1366	13555 W CHICAGO ST DETROIT MI 48228-2520 <i>Facility ID: 00013638</i> <i>New Tank ID No / Status: UTK-075389-15 Department of Licensing and Regulatory Affairs, UTK-075385-15 Department of Licensing and Regulatory Affairs, UTK-044946-15 Department of Licensing and Regulatory Affairs, UTK-010715-15 Department of Licensing and Regulatory Affairs, UTK-035225-15 Department of Licensing and Regulatory Affairs</i>	NW	0.23 / 1,221.49	4	51
9	AUL	Solo, Inc.	13603 West Chicago Street Detroit MI 48228	WNW	0.23 / 1,227.62	3	55
10	DRYCLEANERS	Q & Q QUALITY CLEANER	13028 W. CHICAGO DETROIT MI 48228	NE	0.23 / 1,233.99	5	55
11	DELISTED SHWS	8951 Schaefer	8951 Schaefer Detroit MI	SW	0.23 / 1,239.30	0	56
11	DELISTED CONTAM	8951 SCHAEFER	8951 SCHAEFER DETROIT MI	SW	0.23 / 1,239.30	0	56
11	NFA RES	8951 SCHAEFER	8951 SCHAEFER DETROIT MI	SW	0.23 / 1,239.30	0	56
12	WASTE	MICHIGAN GENERATOR SERVICE	13040 W CHICAGO ST DETROIT MI 48228	NE	0.24 / 1,270.56	5	56

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
13	DRYCLEANERS	EP JOY CLEANERS	13028 CHICAGO DETROIT MI 48228	NNE	0.24 / 1,283.81	5	56
14	WASTE	COMERICA BANK	13500 W CHICAGO ST DETROIT MI 48228	NW	0.25 / 1,306.99	4	57
15	LUST	13603 W Chicago LLC	13603 W CHICAGO ST DETROIT MI 48228 <i>ID: 00041060</i>	NW	0.26 / 1,348.77	4	57
16	WASTE	SUNOCO SERVICE STATION	13340 JOY RD DETROIT MI 48228	SSW	0.28 / 1,479.90	-1	58
17	WASTE	DANNIES FAMILY OIL CHANGE	13303 JOY RD DETROIT MI 48228	SSW	0.30 / 1,575.61	-1	58
18	BEA	The Quikrete Companies Inc.	8951 and 9111 Schaefer Highway MI 48228	WSW	0.31 / 1,618.17	1	59
19	SHWS	Joy & Schaefer Vacant Property	8800 Schaefer Highway, Detroit, MI, 48228 MI	SW	0.31 / 1,641.13	0	59
19	WASTE	TOP HAT COLLISION INC	8800 SCHAEFER HWY DETROIT MI 48228	SW	0.31 / 1,641.13	0	59
20	BEA	Joy & Schaefer Vacant Property	8800-8830 Schaefer Highway and 13500-13600 Joy Road MI	SW	0.31 / 1,641.78	0	59
21	WASTE	GIBRALTER NATIONAL CORP	8951 SCHAEFER HWY DETROIT MI 48228	WSW	0.31 / 1,646.23	1	60
21	WASTE	FOUNDRIES MATERIALS CO	8951 SCHAEFER HWY DETROIT MI 48228	WSW	0.31 / 1,646.23	1	60
22	BEA	HULET BODY COMPANY	8801 SCHAEFER MI	SW	0.32 / 1,712.08	0	60
23	SHWS	8801 SCHAEFER	8801 SCHAEFER, MI, 48933 MI	SW	0.32 / 1,713.00	0	60

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
24	WASTE	HULET BODY COMPANY	8801 SCHAEFER HWY DETROIT MI 48228	SW	0.33 / 1,753.94	0	61
25	WASTE	JOY & SCHAEFER (AUTO REPAIR)	13601 JOY RD DETROIT MI 48228	SW	0.35 / 1,823.21	-1	61
26	LUST	Tommie Worthy	13601 JOY/SCHAEFER, DETROIT, MI, 48228 MI 48228 ID: 00002273	SW	0.35 / 1,843.25	-1	61
27	LUST	A & M Fuel Inc	12700 W Chicago St Detroit MI 48228 ID: 00035411	ENE	0.37 / 1,935.97	5	62
27	WASTE	SUN OIL CO	12700 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,935.97	5	64
28	BEA	JSP Realty, LLC	13881 West Chicago Street MI 48228	ENE	0.37 / 1,947.61	5	64
29	WASTE	SILVERCRAFT INC	13711 JOY RD DETROIT MI 48228	SW	0.37 / 1,951.51	-1	64
30	WASTE	SUNSET USED TIRE	13826 W CHICAGO ST DETROIT MI 48228	WNW	0.37 / 1,973.21	5	64
31	WASTE	METRO TIRE SERVICE - W CHICAGO	12701 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,976.56	5	64
31	WASTE	CARL DAVID WARD	12701 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,976.56	5	65
32	WASTE	JSP INTERNATIONAL	13889 W CHICAGO ST DETROIT MI 48228	WNW	0.38 / 1,989.15	5	65
33	SHWS	JSP Realty, LLC	13881 W. Chicago, Detroit, MI, 48228 MI	W	0.38 / 2,008.74	4	65
33	LUST	Westfield Industrial Center	13881 W Chicago St Detroit MI 48228 ID: 00039584	W	0.38 / 2,008.74	4	65

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
33	WASTE	JSP REALITY LLC - DETROIT FACILITY	13881 W CHICAGO ST DETROIT MI 48228	W	0.38 / 2,008.74	4	66
34	WASTE	DONS CAR WASH	12580 W CHICAGO DETROIT MI 48227	ENE	0.39 / 2,044.03	5	67
35	WASTE	MERIDIAN AUTOMOTIVE SYSTEMS DETROIT OPERATIONS PL	13870 W CHICAGO ST DETROIT MI 48228	WNW	0.41 / 2,160.45	5	67
36	WASTE	NORTHFIELD CLEANERS	12700 JOY RD DETROIT MI 48228	ESE	0.42 / 2,223.81	-2	67
37	BEA	A & N Express Property	10840 Joy Road MI 48204	ESE	0.44 / 2,305.64	-1	67
37	WASTE	JOY AND MEYER FILL UP	10840 JOY RD DETROIT MI 48204	ESE	0.44 / 2,305.64	-1	67
38	LUST	Foodland Distributors, Inc	13901 JOY RD DETROIT MI 48228 <i>ID: 00006317</i>	SW	0.44 / 2,322.66	-1	68
39	LUST	ZMT	10840 Joy Rd Detroit MI 48204 <i>ID: 00010212</i>	ESE	0.44 / 2,331.04	-1	69
40	WASTE	STEEL PROCESSING CO	13770 JOY RD DETROIT MI 48228	WSW	0.44 / 2,349.36	-1	71
41	WASTE	AMERICAN BASIC INDUSTRIES INC	13900 JOY RD DETROIT MI 48228	WSW	0.45 / 2,358.42	-1	71
42	WASTE	A AND B STARTER SERVICE	10638 W CHICAGO DETROIT MI 48204	ENE	0.45 / 2,376.41	6	71
43	WASTE	CASSEY'S USED AUTO PARTS	14205 W CHICAGO ST DETROIT MI 48228	WNW	0.45 / 2,399.27	5	71
44	LUST	Freeland Manufacturing Co	9260 FREELAND ST DETROIT MI 48228 <i>ID: 00018634</i>	W	0.45 / 2,401.19	4	72

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
44	WASTE	FREELAND MFG	9260 FREELAND ST DETROIT MI 48228	W	0.45 / 2,401.19	4	73
45	WASTE	MICHIGAN TILE & MARBLE	9320 FREELAND ST DETROIT MI 48228	W	0.46 / 2,415.78	4	73
46	LUST	Wolpin Co	9350 FREELAND ST DETROIT MI 48228 <i>ID: 00005501</i>	W	0.46 / 2,440.79	4	73
46	WASTE	WOLPIN CO	9350 FREELAND ST DETROIT MI 48228	W	0.46 / 2,440.79	4	74
47	BEA		9100 FREELAND MI	WSW	0.46 / 2,449.85	1	74
47	SHWS	Eppert Oil - 9100 Freeland	9100 Freeland, Detroit, MI, 48228 MI	WSW	0.46 / 2,449.85	1	74
47	WASTE	HOUGHTON INTERNATIONAL INC	9100 FREELAND ST DETROIT MI 48228	WSW	0.46 / 2,449.85	1	75
48	WASTE	CITY OF DETROIT FIRE DEPARTMENT	9931 IRIS ST DETROIT MI 48227	NE	0.46 / 2,453.49	9	75
49	LUST	Best Block Co	14210 W CHICAGO ST DETROIT MI 48228 <i>ID: 00021071</i>	WNW	0.48 / 2,525.10	5	75
50	WASTE	CEMET FIBER CO	9317 FREELAND ST DETROIT MI 48228	W	0.48 / 2,528.19	4	76
51	LUST	Total Building Services, Inc	9101 Freeland St Detroit MI 48228 <i>ID: 00016301</i>	W	0.48 / 2,560.61	2	76
51	WASTE	TOTAL BUILDING SERVICE	9101 FREELAND ST DETROIT MI 48228	W	0.48 / 2,560.61	2	79
52	WASTE	ERVIN CAMPBELL COLLISION INC	10644 JOY RD DETROIT MI 48204	ESE	0.49 / 2,582.35	-1	79

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
53	WASTE	FIRST FEDERAL BANK	10641 JOY RD DETROIT MI 48204	ESE	0.50 / 2,627.03	-1	79
54	BEA	Crucificio LLC	8951 Freeland Street MI 48228	WSW	0.50 / 2,655.64	2	79
54	SHWS	8951 Freeland Street	8951 Freeland Street, MI, 48228 MI	WSW	0.50 / 2,655.64	2	79
55	BEA	Independent Brokers, LLC	14263 Joy Road MI 48228	WSW	0.54 / 2,830.46	-1	80
55	BEA	14263 Joy Road	14263 Joy Road Detroit MI 48228	WSW	0.54 / 2,830.46	-1	80
55	BEA	Independent Brokers, LLC	14263 Joy Road Detroit MI 48228	WSW	0.54 / 2,830.46	-1	80
55	SHWS	14263 Joy Road	14263 Joy Road, MI, 48228 MI	WSW	0.54 / 2,830.46	-1	81
56	BEA	T.M.T. ENTERPRISES, L. L.C.	14263 JOY ROAD (VACANT PARCEL) MI	WSW	0.54 / 2,830.80	-1	81
57	BEA	MOPEC, INC.	13460 ELMIRA MI	NNW	0.55 / 2,897.85	8	82
57	SHWS	13460 ELMIRA	13460 ELMIRA, MI, 48933 MI	NNW	0.55 / 2,897.85	8	82
58	SHWS	Chicago, 14301 - 14331	14301 Chicago, Detroit, MI, 48228 MI	WNW	0.55 / 2,907.90	5	82
59	BEA		13901 Joy Rd Detroit MI 48228	SW	0.56 / 2,971.60	-1	83
60	BEA	Commercial Property	13849 Keal Street MI	NW	0.57 / 2,998.17	9	83
60	BEA	Keal Investors LTD, LLC	13849 Keal Street MI 48227	NW	0.57 / 2,998.17	9	84

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>60</u>	SHWS	13849 Keal Street	13849 Keal Street, MI, 48227 MI	NW	0.57 / 2,998.17	9	<u>84</u>
<u>61</u>	SHWS	9960 Freeland	9960 Freeland, Detroit, MI, 48227 MI	WNW	0.57 / 3,018.24	7	<u>84</u>
<u>62</u>	BEA	Former Zellerbach Paper	14451 W Chicago St Detroit MI 48228	W	0.60 / 3,146.79	5	<u>85</u>
<u>63</u>	BEA		13840 Keal St # 13830 Detroit MI 48227	NW	0.60 / 3,179.57	9	<u>85</u>
<u>63</u>	BEA		13840 Keal St # 13830 Detroit MI 48227	NW	0.60 / 3,179.57	9	<u>85</u>
<u>63</u>	SHWS	13840 Keal Street	13840 Keal Street, Detroit, MI, 48227 MI	NW	0.60 / 3,179.57	9	<u>86</u>
<u>64</u>	SHWS	14420 and 14400 Joy Road	14420 and 14400 Joy Road, MI, 48228 MI	WSW	0.61 / 3,194.75	-1	<u>86</u>
<u>65</u>	BEA		14420 and 14400 Joy Road MI 48228	WSW	0.61 / 3,214.70	-1	<u>87</u>
<u>66</u>	BEA	City of Detroit	12744 Elmira Street MI 48227	NNE	0.63 / 3,308.16	10	<u>87</u>
<u>66</u>	BEA	12744 Elmira Street	12744 Elmira Street Detroit MI 48227	NNE	0.63 / 3,308.16	10	<u>87</u>
<u>66</u>	BEA	City of Detroit	12744 Elmira Street Detroit MI 48227	NNE	0.63 / 3,308.16	10	<u>88</u>
<u>66</u>	SHWS	12744 Elmira Street	12744 Elmira Street, MI, 48227 MI	NNE	0.63 / 3,308.16	10	<u>88</u>
<u>67</u>	DELISTED SHWS	13821 Elmira	13821 Elmira Detroit MI	NW	0.65 / 3,410.38	8	<u>88</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
67	DELISTED CONTAM	13821 ELMIRA	13821 ELMIRA DETROIT MI	NW	0.65 / 3,410.38	8	89
68	SHWS	Schaefer Avenue Buildings	11416, 11426 Schafer Avenue, Detroit, MI, 48227 MI	NNW	0.66 / 3,477.02	8	89
69	DELISTED SHWS	Willie James Curry	10300 W Chicago Detroit MI 482042659	ENE	0.67 / 3,522.47	7	89
70	BEA	Sayed Enterprises (former)	13601 Plymouth Road (C- Store) MI 48227	NNW	0.71 / 3,749.47	9	90
71	BEA	Franklin, Keith (former) Mobil Refrig.	9151 Hubbell Street MI 48228	W	0.71 / 3,751.26	4	90
71	SHWS	9151 Hubbell Street	9151 Hubbell Street, MI, 48228 MI	W	0.71 / 3,751.26	4	91
72	BEA	Marathon Gasoline Station	11611 Schaefer Highway MI 48227	NNW	0.73 / 3,880.57	10	91
73	BEA	GM Warehouse (former)	8063 Decatur Street MI	SSW	0.76 / 4,002.54	-2	92
73	SHWS	8063 Decatur Street	8063 Decatur Street, MI, 48933 MI	SSW	0.76 / 4,002.54	-2	92
74	SHWS	Detroit Multi-Site (14738 W. Chicago)	14738 W. Chicago, Detroit, MI, 48228 MI	W	0.77 / 4,042.39	5	92
75	DELISTED SHWS	13777 Plymouth	13777 Plymouth Detroit MI	NW	0.77 / 4,083.32	9	93
75	DELISTED CONTAM	13777 PLYMOUTH	13777 PLYMOUTH DETROIT MI	NW	0.77 / 4,083.32	9	93
76	BEA	Ford Vacant Land	9663 Marlowe Street MI 48227	WNW	0.80 / 4,203.50	6	93

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
76	BEA	Ford Vacant Land	9663 Marlowe Street Detroit MI 48227	WNW	0.80 / 4,203.50	6	94
76	BEA	9663 Marlowe Street	9663 Marlowe Street Detroit MI 48227	WNW	0.80 / 4,203.50	6	94
76	SHWS	9663 Marlowe Street	9663 Marlowe Street, MI, 48227 MI	WNW	0.80 / 4,203.50	6	94
77	SHWS	9301 & 9165 Hubbell and 9216 Robson	9301 & 9165 Hubbell and 9216 Robson, MI, 48228 MI	W	0.83 / 4,364.86	4	95
78	SHWS	Sharon Steel	7701 & 7951 Maple, Dearborn, MI, 48228 MI	SSW	0.86 / 4,522.08	-4	95
79	BEA	Speedy Gas Property	8820 Wyoming Street MI 48204	ESE	0.86 / 4,539.16	-1	96
79	BEA	Speedy Gas Property	8820 Wyoming Street MI 48204	ESE	0.86 / 4,539.16	-1	96
80	BEA	Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	-1	96
80	BEA	Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	-1	97
80	BEA	Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	-1	97
81	BEA	12920 Wadsworth Avenue	12920 Wadsworth Avenue Detroit MI 48227	N	0.88 / 4,650.90	15	97
81	BEA	Oakman Elementary School	12920 Wadsworth Avenue Detroit MI 48227	N	0.88 / 4,650.90	15	98
82	SHWS	Lance's Hometown Market	8656 Wyoming Avenue, Detroit, MI, 48204 MI	ESE	0.88 / 4,664.47	-1	98

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>83</u>	SHWS	Wyoming Property Management, LLC	8949 Joy Road, Detroit, MI, 48204 MI	ESE	0.89 / 4,673.13	0	<u>98</u>
<u>84</u>	SHWS	12920 Wadsworth Avenue	12920 Wadsworth Avenue, MI, 48227 MI	NNE	0.89 / 4,693.66	15	<u>99</u>
<u>85</u>	BEA	Lance's Hometown Market	8656 Wyoming Avenue MI 48204	ESE	0.91 / 4,818.20	0	<u>99</u>
<u>86</u>	BEA	SHARON STEEL (FORMER)	7701 & 7951 MAPLE MI	SSW	0.93 / 4,890.89	-6	<u>100</u>
<u>87</u>	SHWS	10310-10320 Plymouth Road	10310-10320 Plymouth Road, MI, 48204 MI	NE	0.95 / 4,998.65	14	<u>100</u>
<u>88</u>	BEA	Shop-A-Lot Food Store	10310 Plymouth Rd # 10320 Detroit MI 48204	NE	0.95 / 5,007.75	14	<u>101</u>
<u>89</u>	SHWS	AMC Property/Chrysler Jeep & Truck Engineering - Former	14250 Plymouth Road, Detroit, MI, 48227 MI	NW	0.95 / 5,023.83	13	<u>101</u>
<u>89</u>	BEA	Former AMC Property/Chrysler Jeep & Truck Engineering	14250 PLYMOUTH ROAD Detroit MI 48227	NW	0.95 / 5,023.83	13	<u>101</u>
<u>90</u>	BEA	Parkman Elementary	15000 Mackenzie Street MI 48228	WSW	0.98 / 5,198.03	4	<u>102</u>
<u>90</u>	BEA	15000 Mackenzie Street	15000 Mackenzie Street Detroit MI 48228	WSW	0.98 / 5,198.03	4	<u>102</u>
<u>90</u>	BEA	Parkman Elementary	15000 Mackenzie Street Detroit MI 48228	WSW	0.98 / 5,198.03	4	<u>102</u>
<u>90</u>	SHWS	15000 Mackenzie Street	15000 Mackenzie Street, MI, 48228 MI	WSW	0.98 / 5,198.03	4	<u>103</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Nov 17, 2021 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WEST CHICAGO CLEANERS	13107 W CHICAGO ST DETROIT MI 48228	NNE	0.21 / 1,113.41	4
	<i>EPA Handler ID: MID985649516</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MCFARLANE ELEM SCHOOL	8900 CHEYENNE ST DETROIT MI 48228	SSE	0.22 / 1,144.27	5
	<i>EPA Handler ID: MID985601905</i>			

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Nov 17, 2021 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
US DEPT/JUSTIC	9367 WARD ST DETROIT MI 48228	NE	0.14 / 720.63	3
	<i>EPA Handler ID: MIK588351213</i>			
Q & Q CLEANERS	13028 W CHICAGO ST DETROIT MI 48228	NE	0.23 / 1,215.61	7
	<i>EPA Handler ID: MID985582162</i>			

State

SHWS - Part 201 Site List

A search of the SHWS database, dated Dec 13, 2021 has found that there are 27 SHWS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
JSP Realty, LLC	13881 W. Chicago, Detroit, MI, 48228 MI	W	0.38 / 2,008.74	33
Eppert Oil - 9100 Freeland	9100 Freeland, Detroit, MI, 48228 MI	WSW	0.46 / 2,449.85	47

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
8951 Freeland Street	8951 Freeland Street, MI, 48228 MI	WSW	0.50 / 2,655.64	54
13460 ELMIRA	13460 ELMIRA, MI, 48933 MI	NNW	0.55 / 2,897.85	57
Chicago, 14301 - 14331	14301 Chicago, Detroit, MI, 48228 MI	WNW	0.55 / 2,907.90	58
13849 Keal Street	13849 Keal Street, MI, 48227 MI	NW	0.57 / 2,998.17	60
9960 Freeland	9960 Freeland, Detroit, MI, 48227 MI	WNW	0.57 / 3,018.24	61
13840 Keal Street	13840 Keal Street, Detroit, MI, 48227 MI	NW	0.60 / 3,179.57	63
12744 Elmira Street	12744 Elmira Street, MI, 48227 MI	NNE	0.63 / 3,308.16	66
Schaefer Avenue Buildings	11416, 11426 Schafer Avenue, Detroit, MI, 48227 MI	NNW	0.66 / 3,477.02	68
9151 Hubbell Street	9151 Hubbell Street, MI, 48228 MI	W	0.71 / 3,751.26	71
Detroit Multi-Site (14738 W. Chicago)	14738 W. Chicago, Detroit, MI, 48228 MI	W	0.77 / 4,042.39	74
9663 Marlowe Street	9663 Marlowe Street, MI, 48227 MI	WNW	0.80 / 4,203.50	76
9301 & 9165 Hubbell and 9216 Robson	9301 & 9165 Hubbell and 9216 Robson, MI, 48228 MI	W	0.83 / 4,364.86	77
12920 Wadsworth Avenue	12920 Wadsworth Avenue, MI, 48227 MI	NNE	0.89 / 4,693.66	84

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
10310-10320 Plymouth Road	10310-10320 Plymouth Road, MI, 48204 MI	NE	0.95 / 4,998.65	<u>87</u>
AMC Property/Chrysler Jeep & Truck Engineering - Former	14250 Plymouth Road, Detroit, MI, 48227 MI	NW	0.95 / 5,023.83	<u>89</u>
15000 Mackenzie Street	15000 Mackenzie Street, MI, 48228 MI	WSW	0.98 / 5,198.03	<u>90</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
8900 Cheyenne Street	8900 Cheyenne Street, MI, 48228 MI	SSE	0.22 / 1,144.27	<u>5</u>
Joy & Schaefer Vacant Property	8800 Schaefer Highway, Detroit, MI, 48228 MI	SW	0.31 / 1,641.13	<u>19</u>
8801 SCHAEFER	8801 SCHAEFER, MI, 48933 MI	SW	0.32 / 1,713.00	<u>23</u>
14263 Joy Road	14263 Joy Road, MI, 48228 MI	WSW	0.54 / 2,830.46	<u>55</u>
14420 and 14400 Joy Road	14420 and 14400 Joy Road, MI, 48228 MI	WSW	0.61 / 3,194.75	<u>64</u>
8063 Decatur Street	8063 Decatur Street, MI, 48933 MI	SSW	0.76 / 4,002.54	<u>73</u>
Sharon Steel	7701 & 7951 Maple, Dearborn, MI, 48228 MI	SSW	0.86 / 4,522.08	<u>78</u>
Lance's Hometown Market	8656 Wyoming Avenue, Detroit, MI, 48204 MI	ESE	0.88 / 4,664.47	<u>82</u>
Wyoming Property Management, LLC	8949 Joy Road, Detroit, MI, 48204 MI	ESE	0.89 / 4,673.13	<u>83</u>

DELISTED CONTAM - Delisted Contaminated Sites

A search of the DELISTED CONTAM database, dated Jul 24, 2018 has found that there are 3 DELISTED CONTAM site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
8951 SCHAEFER	8951 SCHAEFER DETROIT MI	SW	0.23 / 1,239.30	11
13821 ELMIRA	13821 ELMIRA DETROIT MI	NW	0.65 / 3,410.38	67
13777 PLYMOUTH	13777 PLYMOUTH DETROIT MI	NW	0.77 / 4,083.32	75

DELISTED SHWS - Delisted Hazardous and BEA Sites

A search of the DELISTED SHWS database, dated Dec 13, 2021 has found that there are 4 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
8951 Schaefer	8951 Schaefer Detroit MI	SW	0.23 / 1,239.30	11
13821 Elmira	13821 Elmira Detroit MI	NW	0.65 / 3,410.38	67
Willie James Curry	10300 W Chicago Detroit MI 482042659	ENE	0.67 / 3,522.47	69
13777 Plymouth	13777 Plymouth Detroit MI	NW	0.77 / 4,083.32	75

WASTE - Waste Data System

A search of the WASTE database, dated Aug 4, 2020 has found that there are 37 WASTE site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DRUG ENFORCEMENT AGENCY	9367 WARD ST DETROIT MI 48228	NE	0.14 / 720.63	3
WEST CHICAGO CLEANERS	13107 W CHICAGO ST DETROIT MI 48228	NNE	0.21 / 1,113.41	4

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Q & Q CLEANERS	13028 W CHICAGO ST DETROIT MI 48228	NE	0.23 / 1,215.61	<u>7</u>
MICHIGAN GENERATOR SERVICE	13040 W CHICAGO ST DETROIT MI 48228	NE	0.24 / 1,270.56	<u>12</u>
COMERICA BANK	13500 W CHICAGO ST DETROIT MI 48228	NW	0.25 / 1,306.99	<u>14</u>
GIBRALTER NATIONAL CORP	8951 SCHAEFER HWY DETROIT MI 48228	WSW	0.31 / 1,646.23	<u>21</u>
FOUNDRIES MATERIALS CO	8951 SCHAEFER HWY DETROIT MI 48228	WSW	0.31 / 1,646.23	<u>21</u>
SUN OIL CO	12700 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,935.97	<u>27</u>
SUNSET USED TIRE	13826 W CHICAGO ST DETROIT MI 48228	WNW	0.37 / 1,973.21	<u>30</u>
METRO TIRE SERVICE - W CHICAGO	12701 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,976.56	<u>31</u>
CARL DAVID WARD	12701 W CHICAGO ST DETROIT MI 48228	ENE	0.37 / 1,976.56	<u>31</u>
JSP INTERNATIONAL	13889 W CHICAGO ST DETROIT MI 48228	WNW	0.38 / 1,989.15	<u>32</u>
JSP REALITY LLC - DETROIT FACILITY	13881 W CHICAGO ST DETROIT MI 48228	W	0.38 / 2,008.74	<u>33</u>
DONS CAR WASH	12580 W CHICAGO DETROIT MI 48227	ENE	0.39 / 2,044.03	<u>34</u>
MERIDIAN AUTOMOTIVE SYSTEMS DETROIT OPERATIONS PL	13870 W CHICAGO ST DETROIT MI 48228	WNW	0.41 / 2,160.45	<u>35</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
A AND B STARTER SERVICE	10638 W CHICAGO DETROIT MI 48204	ENE	0.45 / 2,376.41	42
CASSEY'S USED AUTO PARTS	14205 W CHICAGO ST DETROIT MI 48228	WNW	0.45 / 2,399.27	43
FREELAND MFG	9260 FREELAND ST DETROIT MI 48228	W	0.45 / 2,401.19	44
MICHIGAN TILE & MARBLE	9320 FREELAND ST DETROIT MI 48228	W	0.46 / 2,415.78	45
WOLPIN CO	9350 FREELAND ST DETROIT MI 48228	W	0.46 / 2,440.79	46
HOUGHTON INTERNATIONAL INC	9100 FREELAND ST DETROIT MI 48228	WSW	0.46 / 2,449.85	47
CITY OF DETROIT FIRE DEPARTMENT	9931 IRIS ST DETROIT MI 48227	NE	0.46 / 2,453.49	48
CEMET FIBER CO	9317 FREELAND ST DETROIT MI 48228	W	0.48 / 2,528.19	50
TOTAL BUILDING SERVICE	9101 FREELAND ST DETROIT MI 48228	W	0.48 / 2,560.61	51

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MCFARLANE ELEM SCHOOL	8900 CHEYENNE ST DETROIT MI 48228	SSE	0.22 / 1,144.27	5
SUNOCO SERVICE STATION	13340 JOY RD DETROIT MI 48228	SSW	0.28 / 1,479.90	16
DANNIES FAMILY OIL CHANGE	13303 JOY RD DETROIT MI 48228	SSW	0.30 / 1,575.61	17

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TOP HAT COLLISION INC	8800 SCHAEFER HWY DETROIT MI 48228	SW	0.31 / 1,641.13	19
HULET BODY COMPANY	8801 SCHAEFER HWY DETROIT MI 48228	SW	0.33 / 1,753.94	24
JOY & SCHAEFER (AUTO REPAIR)	13601 JOY RD DETROIT MI 48228	SW	0.35 / 1,823.21	25
SILVERCRAFT INC	13711 JOY RD DETROIT MI 48228	SW	0.37 / 1,951.51	29
NORTHFIELD CLEANERS	12700 JOY RD DETROIT MI 48228	ESE	0.42 / 2,223.81	36
JOY AND MEYER FILL UP	10840 JOY RD DETROIT MI 48204	ESE	0.44 / 2,305.64	37
STEEL PROCESSING CO	13770 JOY RD DETROIT MI 48228	WSW	0.44 / 2,349.36	40
AMERICAN BASIC INDUSTRIES INC	13900 JOY RD DETROIT MI 48228	WSW	0.45 / 2,358.42	41
ERVIN CAMPBELL COLLISION INC	10644 JOY RD DETROIT MI 48204	ESE	0.49 / 2,582.35	52
FIRST FEDERAL BANK	10641 JOY RD DETROIT MI 48204	ESE	0.50 / 2,627.03	53

LUST - Leaking Underground Storage Tank

A search of the LUST database, dated Oct 29, 2021 has found that there are 11 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Gibraltar National Corp	8951 Schaefer Hwy Detroit MI 48228 <i>ID: 00007185</i>	SW	0.23 / 1,211.81	6

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
13603 W Chicago LLC	13603 W CHICAGO ST DETROIT MI 48228 <i>ID: 00041060</i>	NW	0.26 / 1,348.77	15
A & M Fuel Inc	12700 W Chicago St Detroit MI 48228 <i>ID: 00035411</i>	ENE	0.37 / 1,935.97	27
Westfield Industrial Center	13881 W Chicago St Detroit MI 48228 <i>ID: 00039584</i>	W	0.38 / 2,008.74	33
Freeland Manufacturing Co	9260 FREELAND ST DETROIT MI 48228 <i>ID: 00018634</i>	W	0.45 / 2,401.19	44
Wolpin Co	9350 FREELAND ST DETROIT MI 48228 <i>ID: 00005501</i>	W	0.46 / 2,440.79	46
Best Block Co	14210 W CHICAGO ST DETROIT MI 48228 <i>ID: 00021071</i>	WNW	0.48 / 2,525.10	49
Total Building Services, Inc	9101 Freeland St Detroit MI 48228 <i>ID: 00016301</i>	W	0.48 / 2,560.61	51

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Tommie Worthy	13601 JOY/SCHAEFER, DETROIT, MI, 48228 MI 48228 <i>ID: 00002273</i>	SW	0.35 / 1,843.25	26
Foodland Distributors, Inc	13901 JOY RD DETROIT MI 48228 <i>ID: 00006317</i>	SW	0.44 / 2,322.66	38
ZMT	10840 Joy Rd Detroit MI 48204 <i>ID: 00010212</i>	ESE	0.44 / 2,331.04	39

UST - Underground Storage Tank

A search of the UST database, dated Dec 21, 2021 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Marathon Unit #1366	13555 W CHICAGO ST DETROIT MI 48228-2520 <i>Facility ID: 00013638</i> <i>New Tank ID No Status: UTK-075389-15 Department of Licensing and Regulatory Affairs, UTK-075385-15 Department of Licensing and Regularatory Affairs, UTK-044946-15 Department of Licensing and Regularatory Affairs,</i>	NW	0.23 / 1,221.49	8

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
<i>UTK-010715-15 Department of Licensing and Regulatory Affairs, UTK-035225-15 Department of Licensing and Regulatory Affairs</i>				

AUL - Engineering and Institutional Controls

A search of the AUL database, dated Nov 8, 2021 has found that there are 1 AUL site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Solo, Inc.	13603 West Chicago Street Detroit MI 48228	WNW	0.23 / 1,227.62	<u>9</u>

NFA RES - Residential Closures Inventory

A search of the NFA RES database, dated Feb 1, 2022 has found that there are 1 NFA RES site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
8951 SCHAEFER	8951 SCHAEFER DETROIT MI	SW	0.23 / 1,239.30	<u>11</u>

Non Standard

State

SPILLS - Pollution Emergency Alerting (PEAS)

A search of the SPILLS database, dated Jun 30, 2021 has found that there are 4 SPILLS site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	9160 Hartwell St Detroit City MI	WSW	0.12 / 622.08	<u>1</u>
<i>Incident No Rel Incident Contr: 26177 </i>				
	9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	<u>2</u>
<i>Incident No Rel Incident Contr: 25675 </i>				
	9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	<u>2</u>
<i>Incident No Rel Incident Contr: 25542 </i>				
	9160 Hartwell Detroit City MI	WSW	0.12 / 631.56	<u>2</u>
<i>Incident No Rel Incident Contr: 24774 </i>				

BEA - Baseline Environmental Assessment

A search of the BEA database, dated Dec 17, 2020 has found that there are 46 BEA site(s) within approximately 1.00 miles of the

project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
The Quikrete Companies Inc.	8951 and 9111 Schaefer Highway MI 48228	WSW	0.31 / 1,618.17	<u>18</u>
JSP Realty, LLC	13881 West Chicago Street MI 48228	ENE	0.37 / 1,947.61	<u>28</u>
	9100 FREELAND MI	WSW	0.46 / 2,449.85	<u>47</u>
Crucificio LLC	8951 Freeland Street MI 48228	WSW	0.50 / 2,655.64	<u>54</u>
MOPEC, INC.	13460 ELMIRA MI	NNW	0.55 / 2,897.85	<u>57</u>
Commercial Property	13849 Keal Street MI	NW	0.57 / 2,998.17	<u>60</u>
Keal Investors LTD, LLC	13849 Keal Street MI 48227	NW	0.57 / 2,998.17	<u>60</u>
Former Zellerbach Paper	14451 W Chicago St Detroit MI 48228	W	0.60 / 3,146.79	<u>62</u>
	13840 Keal St # 13830 Detroit MI 48227	NW	0.60 / 3,179.57	<u>63</u>
	13840 Keal St # 13830 Detroit MI 48227	NW	0.60 / 3,179.57	<u>63</u>
City of Detroit	12744 Elmira Street MI 48227	NNE	0.63 / 3,308.16	<u>66</u>
12744 Elmira Street	12744 Elmira Street Detroit MI 48227	NNE	0.63 / 3,308.16	<u>66</u>
City of Detroit	12744 Elmira Street Detroit MI 48227	NNE	0.63 / 3,308.16	<u>66</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Sayed Enterprises (former)	13601 Plymouth Road (C-Store) MI 48227	NNW	0.71 / 3,749.47	70
Franklin, Keith (former) Mobil Refrig.	9151 Hubbell Street MI 48228	W	0.71 / 3,751.26	71
Marathon Gasoline Station	11611 Schaefer Highway MI 48227	NNW	0.73 / 3,880.57	72
Ford Vacant Land	9663 Marlowe Street MI 48227	WNW	0.80 / 4,203.50	76
Ford Vacant Land	9663 Marlowe Street Detroit MI 48227	WNW	0.80 / 4,203.50	76
9663 Marlowe Street	9663 Marlowe Street Detroit MI 48227	WNW	0.80 / 4,203.50	76
12920 Wadsworth Avenue	12920 Wadsworth Avenue Detroit MI 48227	N	0.88 / 4,650.90	81
Oakman Elementary School	12920 Wadsworth Avenue Detroit MI 48227	N	0.88 / 4,650.90	81
Shop-A-Lot Food Store	10310 Plymouth Rd # 10320 Detroit MI 48204	NE	0.95 / 5,007.75	88
Former AMC Property/Chrysler Jeep & Truck Engineering	14250 PLYMOUTH ROAD Detroit MI 48227	NW	0.95 / 5,023.83	89
Parkman Elementary	15000 Mackenzie Street Detroit MI 48228	WSW	0.98 / 5,198.03	90
Parkman Elementary	15000 Mackenzie Street MI 48228	WSW	0.98 / 5,198.03	90
15000 Mackenzie Street	15000 Mackenzie Street Detroit MI 48228	WSW	0.98 / 5,198.03	90

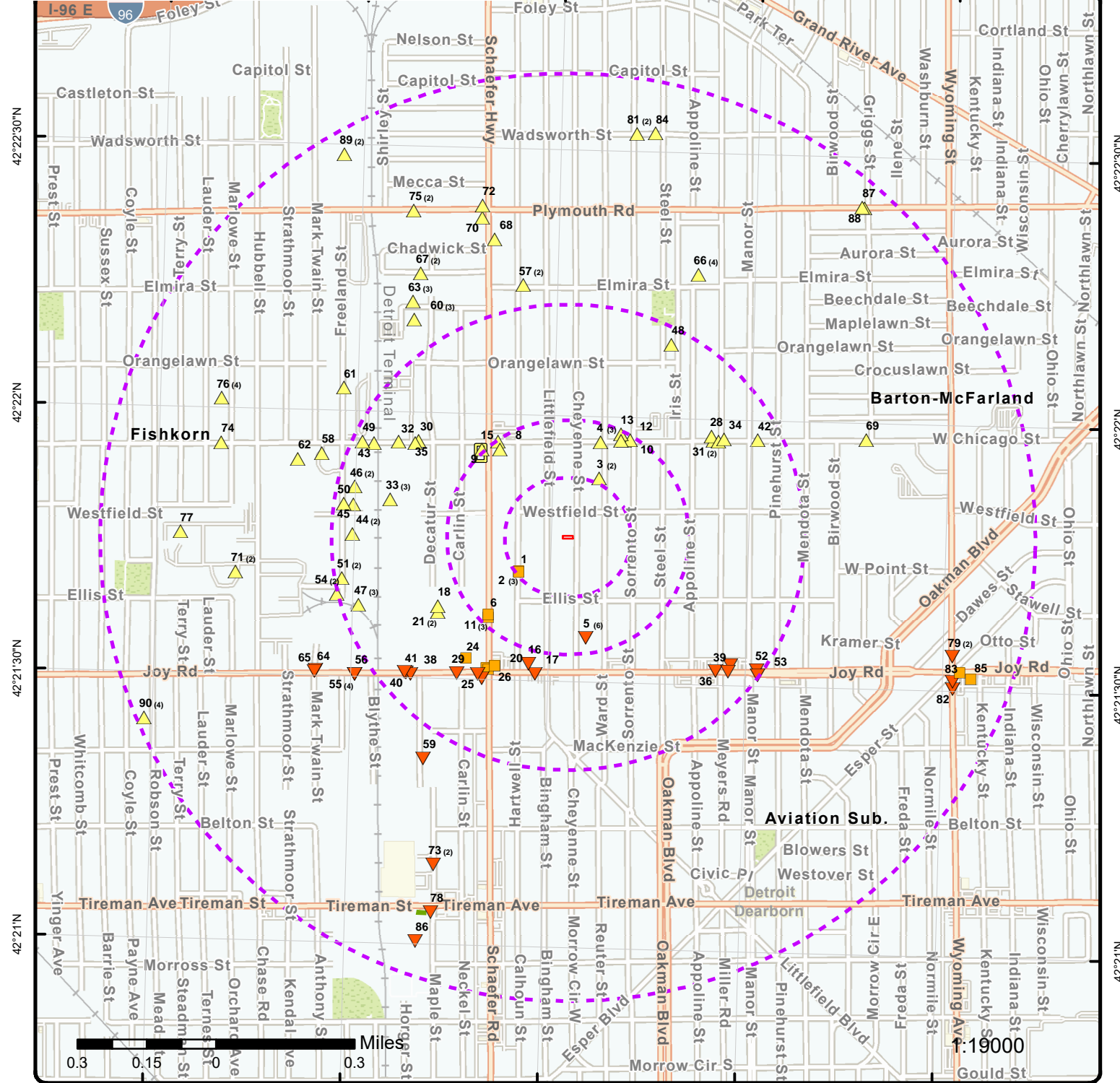
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
McFarlane PK-5	8900 Cheyenne Street MI 48228	SSE	0.22 / 1,144.27	<u>5</u>
8900 Cheyenne Street	8900 Cheyenne Street Detroit MI 48228	SSE	0.22 / 1,144.27	<u>5</u>
McFarlane PK-5	8900 Cheyenne Street Detroit MI 48228	SSE	0.22 / 1,144.27	<u>5</u>
Joy & Schaefer Vacant Property	8800-8830 Schaefer Highway and 13500-13600 Joy Road MI	SW	0.31 / 1,641.78	<u>20</u>
HULET BODY COMPANY	8801 SCHAEFER MI	SW	0.32 / 1,712.08	<u>22</u>
A & N Express Property	10840 Joy Road MI 48204	ESE	0.44 / 2,305.64	<u>37</u>
Independent Brokers, LLC	14263 Joy Road MI 48228	WSW	0.54 / 2,830.46	<u>55</u>
14263 Joy Road	14263 Joy Road Detroit MI 48228	WSW	0.54 / 2,830.46	<u>55</u>
Independent Brokers, LLC	14263 Joy Road Detroit MI 48228	WSW	0.54 / 2,830.46	<u>55</u>
T.M.T. ENTERPRISES, L.L.C.	14263 JOY ROAD (VACANT PARCEL) MI	WSW	0.54 / 2,830.80	<u>56</u>
	13901 Joy Rd Detroit MI 48228	SW	0.56 / 2,971.60	<u>59</u>
	14420 and 14400 Joy Road MI 48228	WSW	0.61 / 3,214.70	<u>65</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GM Warehouse (former)	8063 Decatur Street MI	SSW	0.76 / 4,002.54	<u>73</u>
Speedy Gas Property	8820 Wyoming Street MI 48204	ESE	0.86 / 4,539.16	<u>79</u>
Speedy Gas Property	8820 Wyoming Street MI 48204	ESE	0.86 / 4,539.16	<u>79</u>
Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	<u>80</u>
Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	<u>80</u>
Lance's Hometown Market	8656 Wyoming Avenue Detroit MI 48204	ESE	0.88 / 4,634.07	<u>80</u>
Lance's Hometown Market	8656 Wyoming Avenue MI 48204	ESE	0.91 / 4,818.20	<u>85</u>
SHARON STEEL (FORMER)	7701 & 7951 MAPLE MI	SSW	0.93 / 4,890.89	<u>86</u>

DRYCLEANERS - Dry Cleaning Facilities

A search of the DRYCLEANERS database, dated Nov 9, 2021 has found that there are 3 DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WEST CHICAGO CLEANERS	13107 WEST CHICAGO DETROIT MI 48228	NNE	0.21 / 1,113.41	<u>4</u>
Q & Q QUALITY CLEANER	13028 W. CHICAGO DETROIT MI 48228	NE	0.23 / 1,233.99	<u>10</u>
EP JOY CLEANERS	13028 CHICAGO DETROIT MI 48228	NNE	0.24 / 1,283.81	<u>13</u>

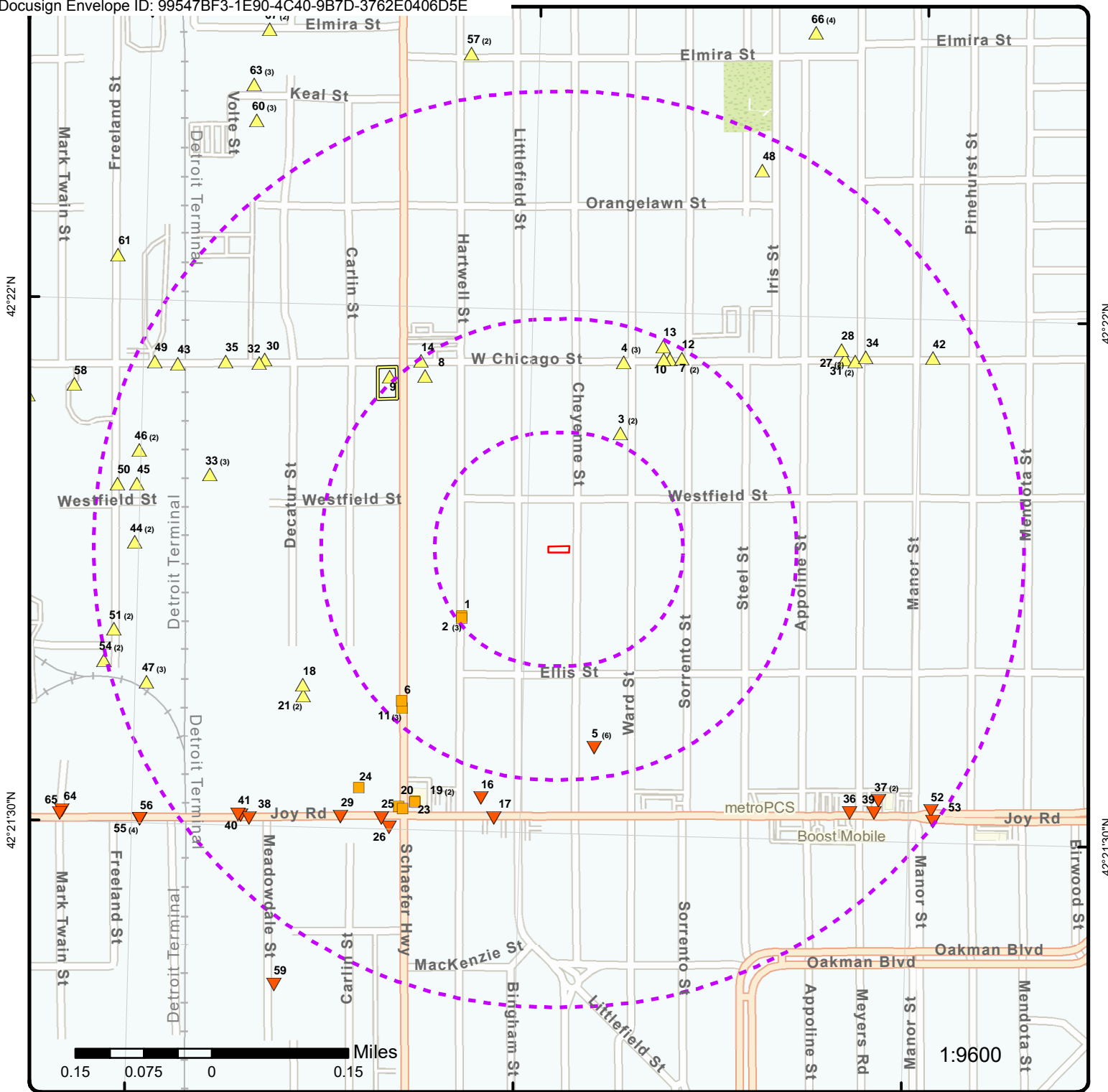


Map: 1.0 Mile Radius

Order Number: 22021400949
Address: 9237 Cheyenne St, Detroit, MI



- | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------------|------------------------------|-------------------------------|
| Project Property | Buffer Outline | Eris Sites with Higher Elevation | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | Eris Sites with Lower Elevation | Major & Minor Arterial | Country | Plume |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | Eris Areas with Higher Elevation | Local Road | National Priority List Sites | National Wetland |
| Eris Areas with Same Elevation | Rail | Eris Areas with Lower Elevation | | Indian Reserve Land | 100 Year Flood Zone |
| Eris Areas with Unknown Elevation | | | | Historic Fill | 500 Year Flood Zone |

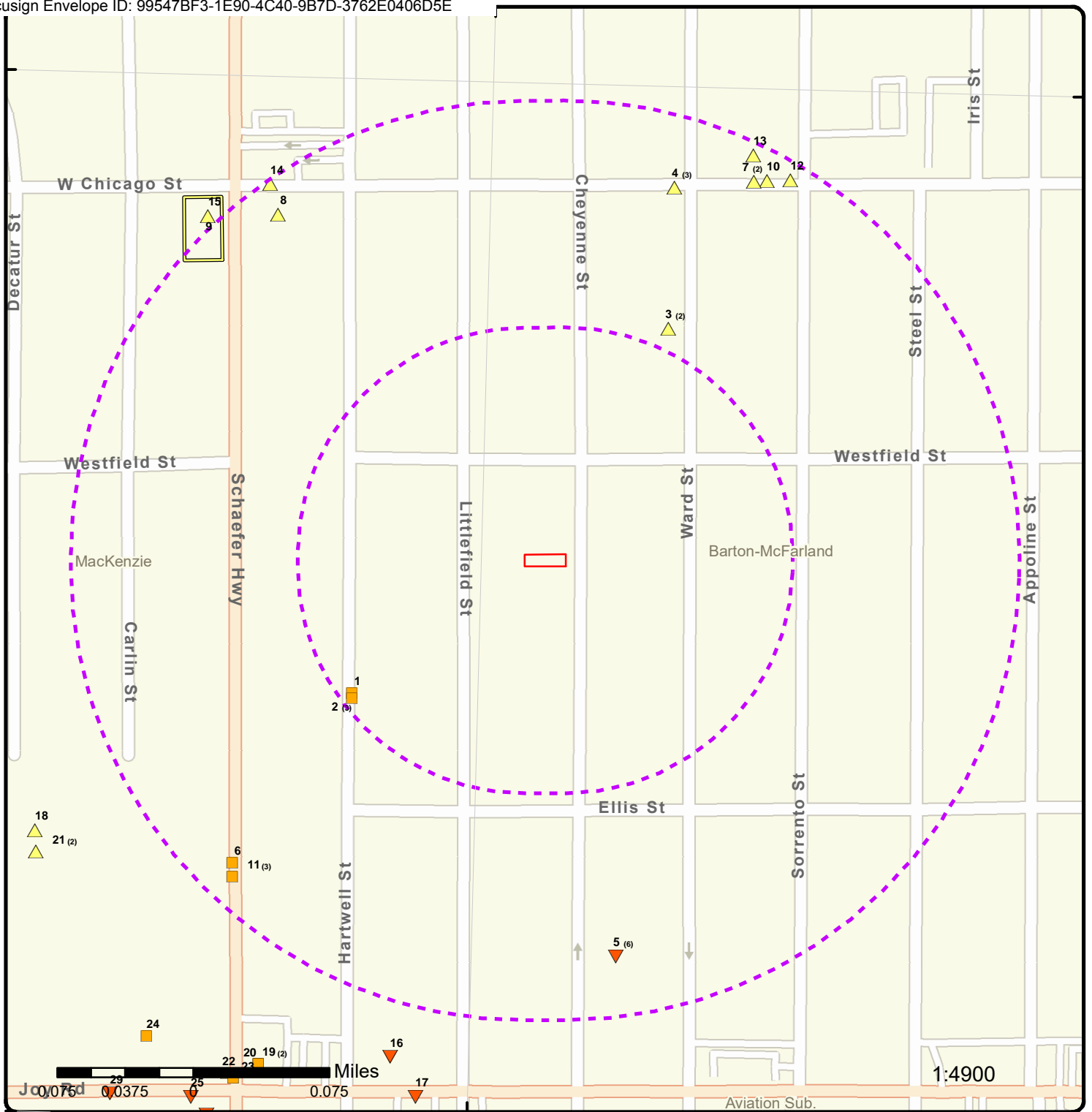


Map: 0.5 Mile Radius

Order Number: 22021400949
 Address: 9237 Cheyenne St, Detroit, MI



- | | | | |
|-----------------------------------|------------------------|------------------------------|-------------------------------|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Country | Plume |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | National Priority List Sites | National Wetland |
| Eris Sites with Lower Elevation | Major & Minor Arterial | Indian Reserve Land | Historic Fill |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | 100 Year Flood Zone | 500 Year Flood Zone |
| Eris Areas with Higher Elevation | Local Road | | |
| Eris Areas with Same Elevation | Rail | | |
| Eris Areas with Lower Elevation | | | |
| Eris Areas with Unknown Elevation | | | |



Map: 0.25 Mile Radius

Order Number: 22021400949

Address: 9237 Cheyenne St, Detroit, MI



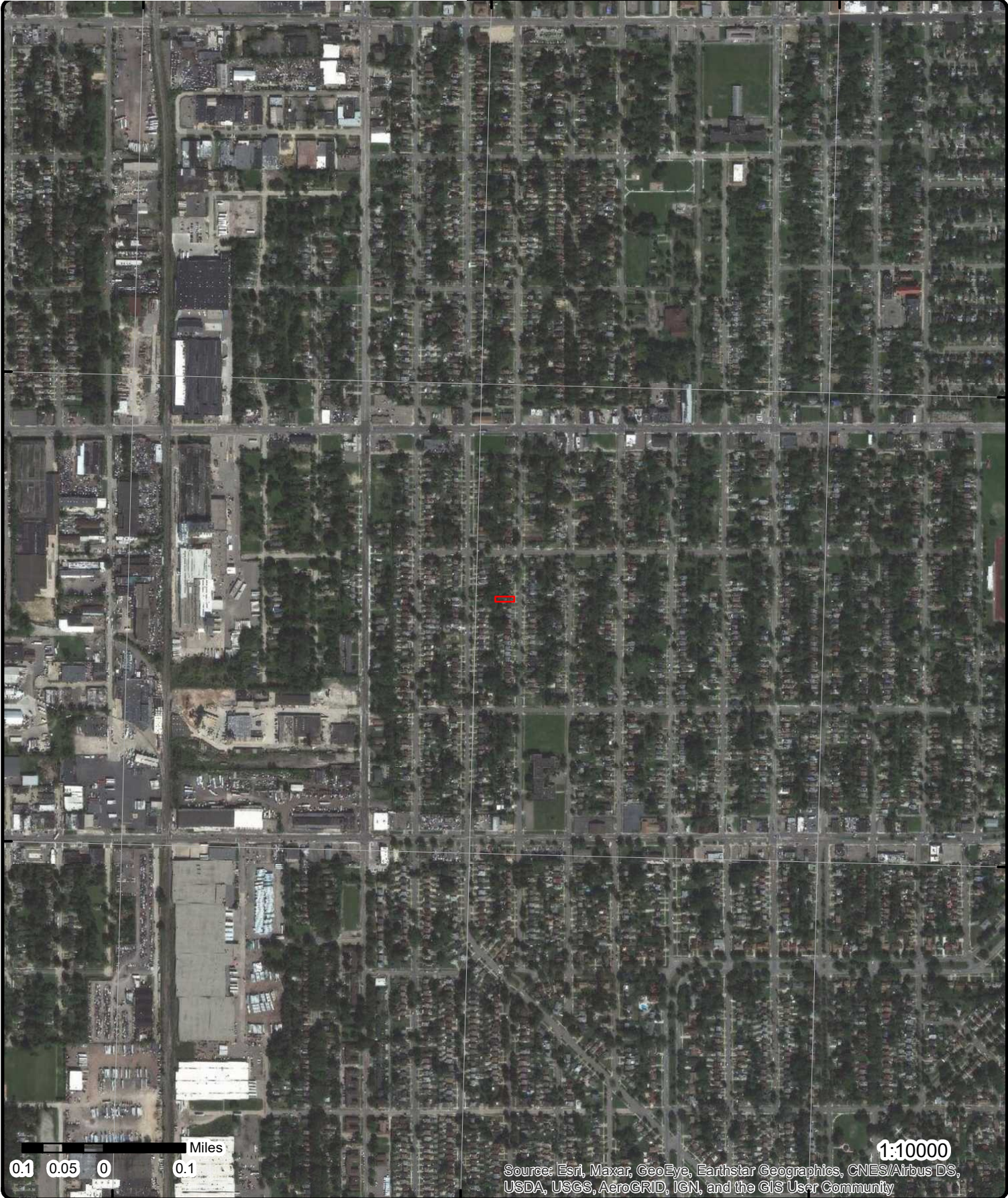
- | | | | |
|-----------------------------------|------------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Traffic Circle; Ramp | State | Plume |
| Eris Sites with Same Elevation | Major & Minor Arterial | Country | National Priority List Sites |
| Eris Sites with Lower Elevation | Traffic Circle; Ramp | National Wetland | Indian Reserve Land |
| Eris Sites with Unknown Elevation | Local Road | Historic Fill | 100 Year Flood Zone |
| Eris Areas with Higher Elevation | Rail | 500 Year Flood Zone | |
| Eris Areas with Same Elevation | | | |
| Eris Areas with Lower Elevation | | | |
| Eris Areas with Unknown Elevation | | | |

42°22'N

42°22'N

42°21'30"N

42°21'30"N



1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2019

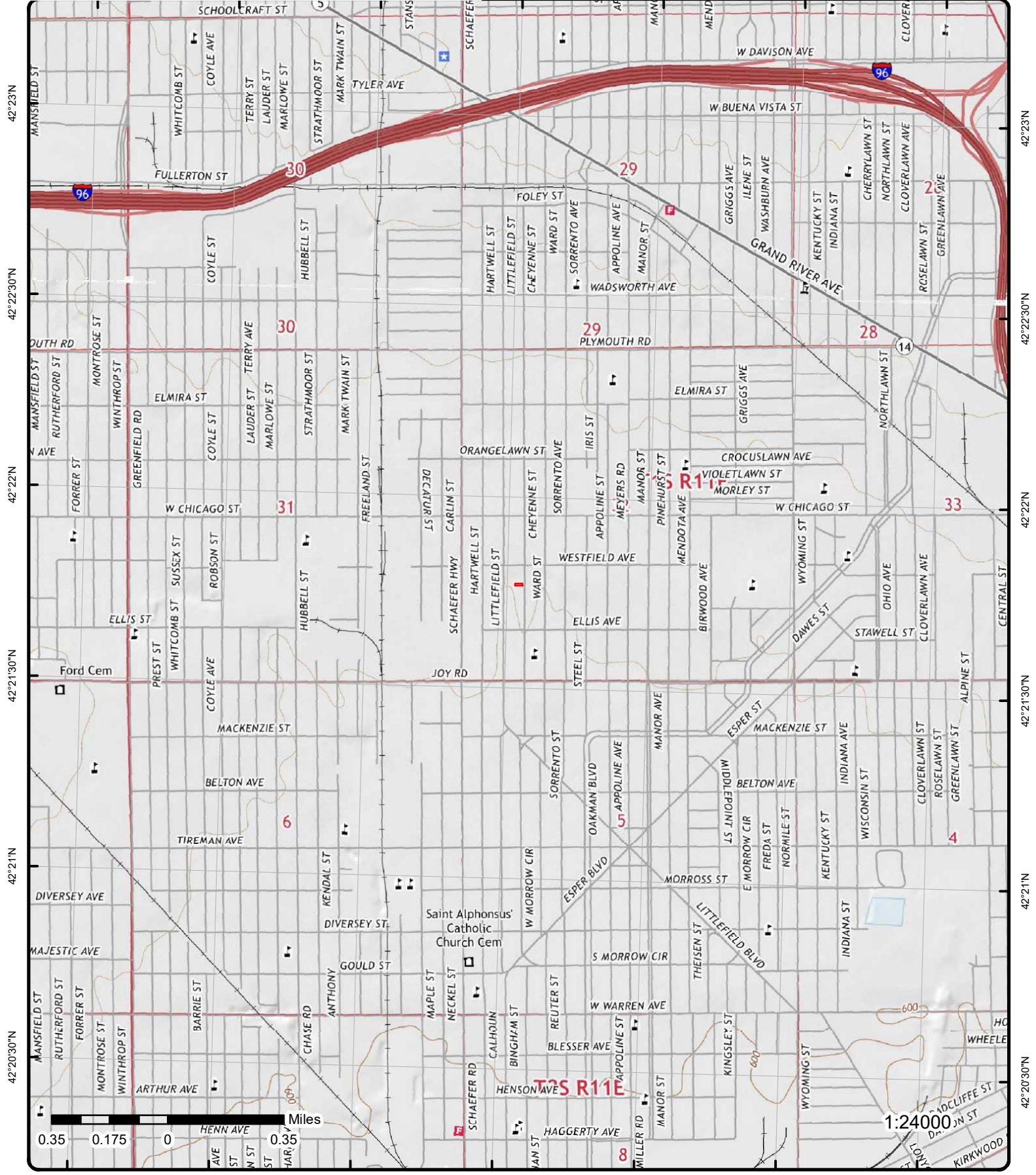
Order Number: 22021400949

Address: 9237 Cheyenne St, Detroit, MI



© ERIS Information Inc.

Source: ESRI World Imagery



Topographic Map Year: 2017

Order Number: 22021400949

Address: 9237 Cheyenne St, MI



Quadrangle(s): Royal Oak, MI; Dearborn, MI

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	WSW	0.12 / 622.08	610.85 / 0	9160 Hartwell St Detroit City MI	SPILLS

Incident No: 26177
Incident No Related:
Complainant Type:
Observed Date:
Observed Time:
Occurred Date: 4/19/2021
Occurred Time: 11:50:00 AM

Date Discovered:
Time Dis Orig Entr:
Pollutant Released:
Amt Released Air:
Amt Rel Ground:
Amt Rel Water:
Volume Recovered:
Cleanup Comp Date:

Rel Incident Contr:
Rel Inci Contr De:
Incident Ongoing:
Source:
Agencies Notified:
Date Rec DEQ Staff:
Time Rec DEQ Staff:
Div or On-Call:
Time DEQ Paged:
AMBS Time DEQ Call:

No Staff Contacts:
Post Review Init:
Referral Notes:
Cleanup Contractor:
PWS:
Material Released: Chemical odor

Cleanup Efforts:
Incident Cross Str:
Party Involved Type:
Party Inv. Contact:
Party Inv Company:
Party Inv. Phone 1:
Party Inv. Phone 2:
Party Inv Address:
Party Inv City:
Party Inv. State:
Party Inv. Zip:

Complaint Employer:
Complainant City:
Complainant State:
Zip Complainant:
Complainant Name:
Complainant Phone 1:
Complainant Phone 2:
Complainant Street Address:

Emergency Crews:
Description - 1:
Description - 2:
Description - 3:
Description - 4:

GF Comp Date:
Weather or Wind:
Wind Direction:
Rain Condition:
Old Wind Direction:
Name of Water Body:
Last Updated Date:
Operator In:

District: Detroit Distr. (AQD in Wayne Co. ONLY)
Office/After Hours: Office Hrs.
Ambs Intake Agent:
Observed Time Keep:
Tm Stamp Hr Orig:
Int Time Format:
Time Corr Format:

Date Stamp: 4/19/2021
Time Stamp: 11:54:00 AM
PEAS Dispatcher: AP - EAC
Special Referral:
Date and Time Stamp:

Optrinit:
Optrno:
Smu3init:
Pecctime:
Peccdate:
District Backup:
Incident Township:
Incident County: Wayne
Latitude:
Longitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: A QD Lead Division 2: Source File: Description 1 (2):						

<u>2</u>	1 of 3	WSW	0.12 / 631.56	610.83 / 0	9160 Hartwell Detroit City MI	SPILLS
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Incident No: 25675 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 1/21/2021 Occurred Time: Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: Unknown Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews:	GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Last Updated Date: Operator In: District: Detroit Distr. (AQD in Wayne Co. ONLY) Office/After Hours: Office Hrs. Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 1/21/2021 Time Stamp: 1:14:00 PM PEAS Dispatcher: NP - EAC Special Referral: Date and Time Stamp: Oprinit: Oprtrno: Smu3init: Pecctime: Pecccdate: District Backup: Incident Township: Incident County: Wayne Latitude: Longitude:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: A QD Lead Division 2: Source File: Description 1 (2):						

2	2 of 3	WSW	0.12 / 631.56	610.83 / 0	9160 Hartwell Detroit City MI	SPILLS
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Incident No: 25542 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: Occurred Time: Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Material Released: Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer: Complainant City: Complainant State: Zip Complainant: Complainant Name:	GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Last Updated Date: Operator In: District: Detroit Distr. (AQD in Wayne Co. ONLY) Office/After Hours: After Hrs. Amb's Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 12/21/2020 Time Stamp: 8:55:00 PM PEAS Dispatcher: PS - PEAS Special Referral: Date and Time Stamp: Oprinit: Oprno: Smu3init: Pecctime: Peccdate: District Backup: Incident Township: Incident County: Wayne Latitude: Longitude:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: S Liveson Lead Division 1: AQD Lead Division 2: Source File: Description 1 (2):						

2	3 of 3	WSW	0.12 / 631.56	610.83 / 0	9160 Hartwell Detroit City MI	SPILLS
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Incident No: 24774 Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 8/27/2020 Occurred Time: Date Discovered: Time Dis Orig Entr: Pollutant Released: Amt Released Air: Amt Rel Ground: Amt Rel Water: Volume Recovered: Cleanup Comp Date: Rel Incident Contr: Rel Inci Contr De: Incident Ongoing: Source: Agencies Notified: Date Rec DEQ Staff: Time Rec DEQ Staff: Div or On-Call: Time DEQ Paged: AMBS Time DEQ Call: No Staff Contacts: Post Review Init: Referral Notes: Cleanup Contractor: PWS: Unknown Material Released: Cleanup Efforts: Incident Cross Str: Party Involved Type: Party Inv. Contact: Party Inv Company: Party Inv. Phone 1: Party Inv. Phone 2: Party Inv Address: Party Inv City: Party Inv. State: Party Inv. Zip: Complaint Employer:	GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Last Updated Date: Operator In: District: Detroit Distr. (AQD in Wayne Co. ONLY) Office/After Hours: Office Hrs. Amb's Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 8/27/2020 Time Stamp: 3:35:00 PM PEAS Dispatcher: NP - EAC Special Referral: Date and Time Stamp: Oprtrinit: Optrno: Smu3init: Pecctime: Peccdate: District Backup: Incident Township: Incident County: Wayne Latitude: Longitude:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Complainant City: Complainant State: Zip Complainant: Complainant Name: Complainant Phone 1: Complainant Phone 2: Complainant Street Address: Emergency Crews: Description - 1: Description - 2: Description - 3: Description - 4: Description - 5: Description - 6: Brief Description: Peas Admin Section: Sensitive Information: DEQ Primary: Lead Division 1: AQD Lead Division 2: Source File: Description 1 (2):						

3	1 of 2	NE	0.14 / 720.63	614.48 / 4	US DEPT/JUSTIC 9367 WARD ST DETROIT MI 48228	RCRA NON GEN
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EPA Handler ID: MIK588351213
Gen Status Universe: No Report
Contact Name: MAURO CERRANTES
Contact Address: 9367 WARD ST , , DETROIT , MI, 48228 , US
Contact Phone No and Ext: 734-260-6837
Contact Email:
Contact Country: US
County Name: WAYNE
EPA Region: 05
Land Type: Federal
Receive Date: 20080619
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080619
Handler Name: US DEPT/JUSTIC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Federal	Street 1:
Name: US DEPT/DEA	Street 2:
Date Became Current: 20080618	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Federal	Street 1:
Name: US DEPT/DEA	Street 2:
Date Became Current: 20080618	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

<u>3</u>	2 of 2	NE	0.14 / 720.63	614.48 / 4	DRUG ENFORCEMENT AGENCY 9367 WARD ST DETROIT MI 48228	WASTE
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Site ID: MIK588351213
WDS ID: 484570
Legal Name: US DEPT/JUSTIC
County: WAYNE

<u>4</u>	1 of 3	NNE	0.21 / 1,113.41	614.79 / 4	WEST CHICAGO CLEANERS 13107 W CHICAGO ST DETROIT MI 48228	RCRA VSQG
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EPA Handler ID: MID985649516
Gen Status Universe: VSG
Contact Name: IRVING NOVETSKY
Contact Address: 13107 W CHICAGO ST , , DETROIT , MI, 48228 , US
Contact Phone No and Ext: 313-933-4390
Contact Email:
Contact Country: US
County Name: WAYNE
EPA Region: 05
Land Type: Private
Receive Date: 19920727
Location Latitude: 42.365808
Location Longitude: -83.17296

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920727
Handler Name: WEST CHICAGO CLEANERS
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: NOVETSKY IRVING	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: NOVETSKY IRVING	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

4	2 of 3	NNE	0.21 / 1,113.41	614.79 / 4	WEST CHICAGO CLEANERS 13107 WEST CHICAGO DETROIT MI 48228	DRYCLEANERS
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ESTAB No: 8200139
County: WAYNE

Historic Dry Cleaning List

Status: Closed
Type: Commercial

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	3 of 3	NNE	0.21 / 1,113.41	614.79 / 4	WEST CHICAGO CLEANERS 13107 W CHICAGO ST DETROIT MI 48228	WASTE

Site ID: MID985649516 Legal Name: WEST CHICAGO CLEANERS
WDS ID: 407538 County: WAYNE

5	1 of 6	SSE	0.22 / 1,144.27	609.82 / -1	MCFARLANE ELEM SCHOOL 8900 CHEYENNE ST DETROIT MI 48228	RCRA VSQG
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EPA Handler ID: MID985601905
Gen Status Universe: VSG
Contact Name: MATHEW SAM
Contact Address: US
Contact Phone No and Ext: 313-578-7431
Contact Email: MATHEW.SAM@DETROIT12.ORG
Contact Country: US
County Name: WAYNE
EPA Region: 05
Land Type: District
Receive Date: 20111018
Location Latitude: 42.359691
Location Longitude: -83.173796

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Nov, 2021.

Evaluation Details

Evaluation Start Date: 20110110
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110104
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19901218
Handler Name: MCFARLANE ELEM SCHOOL
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20020930
Handler Name: MCFARLANE ELEM SCHOOL
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20100820
Handler Name: MCFARLANE ELEM SCHOOL
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20111018
Handler Name: MCFARLANE ELEM SCHOOL
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner **Street No:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	District				Street 1:	
Name:	DETROIT PUBLIC SCHOOLS				Street 2:	
Date Became Current:	19250901				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	District				Street 1:	
Name:	DETROIT PUBLIC SCHOOLS				Street 2:	
Date Became Current:	19250901				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt:	20100820
Generator Code Description:	Large Quantity Generator
Handler Name:	MCFARLANE ELEM SCHOOL
Receive Dt:	20020930
Generator Code Description:	Very Small Quantity Generator
Handler Name:	MCFARLANE ELEM SCHOOL
Receive Dt:	19901218
Generator Code Description:	Small Quantity Generator
Handler Name:	MCFARLANE ELEM SCHOOL

5	2 of 6	SSE	0.22 / 1,144.27	609.82 / -1	McFarlane PK-5 8900 Cheyenne Street MI 48228	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):	201506590LV				Bea No (Map):	
Fac Name (Web):	McFarlane PK-5				Fac Name (Map):	
Address (Web):	8900 Cheyenne Street				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48228				Zip (Map):	
County (Web):	Wayne				County (Map):	
Township (Web):	Detroit				Township (Map):	
District (Web):	Southeast MI				District (Map):	
Latitude (Web):					Latitude (Map):	
Longitude (Web):					Longitude (Map):	
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:						
Source:	DEQ Inventory of Facilities (Web)					

5	3 of 6	SSE	0.22 / 1,144.27	609.82 / -1	MCFARLANE ELEM SCHOOL 8900 CHEYENNE ST DETROIT MI 48228	WASTE
Site ID:	MID985601905				Legal Name:	MCFARLANE ELEM SCHOOL
WDS ID:	404165				County:	WAYNE

5	4 of 6	SSE	0.22 / 1,144.27	609.82 / -1	8900 Cheyenne Street 8900 Cheyenne Street Detroit MI 48228	BEA
Facility ID (Web):					Facility ID (Map):	82008218

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:					Bea No (Map): B201506590LV Fac Name (Map): 8900 Cheyenne Street Address (Map): 8900 Cheyenne Street City (Map): Detroit Zip (Map): 48228 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.35940523 Longitude (Map): -83.17364089 Data Source (Map): Method of Collect: Object ID: 26034 ID:	
		DEQ Baseline Environmental Assessment Sites (Map)				

5	5 of 6	SSE	0.22 / 1,144.27	609.82 / -1	McFarlane PK-5 8900 Cheyenne Street Detroit MI 48228	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:					Facility ID (Map): Bea No (Map): 6590 Fac Name (Map): McFarlane PK-5 Address (Map): 8900 Cheyenne Street City (Map): Detroit Zip (Map): 48228 County (Map): Wayne Township (Map): District (Map): Southeast MI Latitude (Map): 42.35943503 Longitude (Map): -83.17364178 Data Source (Map): BEA Method of Collect: Geocode Object ID: 18260 ID:	
	BEA	DEQ Baseline Environmental Assessment Sites (Map)				

5	6 of 6	SSE	0.22 / 1,144.27	609.82 / -1	8900 Cheyenne Street 8900 Cheyenne Street, MI, 48228 MI	SHWS			
Facility ID: Site ID: EPA ID: Location ID: Regulatory Program: Source: Pollutants: Hrzaccms: Scale No: EGLE District: Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): Address (Map): Risk Condition: Senate District: US Congressional District: Data Source:	82008218		77118	201	Warren	8900 Cheyenne Street, MI, 48228	Fac Name (Web): 8900 Cheyenne Street County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:	Risks Not Determined	DEQ Inventory of Facilities (Web)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 1	SW	0.23 / 1,211.81	611.24 / 0	Gibraltar National Corp 8951 Schaefer Hwy Detroit MI 48228	LUST

ID: 00007185
BEA No:
Epa ID:
LUST Name:
Contaminant Class :
Data Source:
Township:
District: Warren
Facility Phone:
County (FOIA):
Company Name (FOIA): Gibraltar National Corp
Facility Address (FOIA): 8951 Schaefer Hwy
Company Name (EGLE Map): Gibraltar National Corp
Address (EGLE Map): 8951 Schaefer Hwy
Facility City (FOIA): Detroit
Facility Zip (FOIA): 48228
County (RIDE):
Latitude (RIDE):
Longitude (RIDE):
City (EGLE Map): Detroit
Zipcode (EGLE Map): 48228
County (EGLE Map): Wayne
Latitud (EGLE Map): 42.360044
Longitu (EGLE Map): -83.177849

LUST Details (EGLE Enviromental Mapper)

Owner ID: 88954
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed
Active Site: 0
Close Site: 1

LUST List

Leak No: 0402-93
Discovery Date: 4/1/1993
Closed Date: 2/14/1994
Notification Date Time: 4/1/1993

LUST List

Leak No: 1835-91
Discovery Date: 9/4/1991
Closed Date: 6/2/1993
Notification Date Time: 1/1/2000

7	1 of 2	NE	0.23 / 1,215.61	615.24 / 4	Q & Q CLEANERS 13028 W CHICAGO ST DETROIT MI 48228	RCRA NON GEN
EPA Handler ID:		MID985582162				
Gen Status Universe:		No Report				
Contact Name:		WILL ULMER				
Contact Address:		13028 W CHICAGO ST , , DETROIT , MI, 48228 , US				
Contact Phone No and Ext:		313-933-4430				
Contact Email:						
Contact Country:		US				
County Name:		WAYNE				
EPA Region:		05				
Land Type:		Other				
Receive Date:		20021231				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970616
Handler Name: Q & Q CLEANERS
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20021231
Handler Name: Q & Q CLEANERS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current: 20020101	City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE				Street 2:	
Date Became Current:	20020101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 19970616
Generator Code Description: Small Quantity Generator
Handler Name: Q & Q CLEANERS

7	2 of 2	NE	0.23 / 1,215.61	615.24 / 4	Q & Q CLEANERS 13028 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:	MID985582162				Legal Name: Q & Q CLEANERS	
WDS ID:	403068				County: WAYNE	

8	1 of 1	NW	0.23 / 1,221.49	614.70 / 4	Marathon Unit #1366 13555 W CHICAGO ST DETROIT MI 48228-2520	UST
Facility ID:	00013638				City Village(Tank): Detroit	
Facility Zip:	48228-2520				Zip Code (Tank): 48228	
Facility County:	WAYNE				County (Tank): Wayne	
Facility State:	MI				Township (Tank): Detroit	
Facility Street No:	13555				Latitude (Tank): 42.36559100	
Fac Street Direc:	W				Longitude (Tank): -83.17727200	
Fac Street Name:	CHICAGO				City (Map): Detroit	
Fac Suffix Type:	ST				Zip code (Map): 48228	
Fac Suffix Direc:					County (Map): Wayne	
Facility Status:	Inactive				Latitude (Map): 42.365591	
Facility ID (Tank):	00013638				Longitude (Map): -83.177272	
Locatn Type (Tank):	211					
Name (Tank):	Marathon Unit #1366					
Street Address (Tank):	13555 W Chicago St					
Fac Name (Map):	Marathon Unit #1366					
Address (Map):	13555 W Chicago St					
Original Source:	Department of Licensing and Regulatory Affairs; EGLE Environmental Mapper; EGLE Environmental Mapper Tank Details					

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Tank Status: Removed from Ground
Old Tank ID No: 3
New Tank ID No: UTK-075389-15
Tank Compartments:
Tank Capacity: 10000
Tank Install Date: 04/29/1971
Tank Content: Gasoline
Tank Removal Date: 01/01/1983
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Current:
Piping Release Detection:
Piping Material: Galvanized Steel

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Type:						
Status:		Department of Licensing and Regularatory Affairs				
Tank Status:		Removed from Ground				
Old Tank ID No:		2				
New Tank ID No:		UTK-075385-15				
Tank Compartments:						
Tank Capacity:		10000				
Tank Install Date:		04/29/1971				
Tank Content:		Gasoline				
Tank Removal Date:		01/01/1983				
Tank Release Detection:						
Tank Construction:		Asphalt Coated or Bare Steel,Cathodically Protected Steel				
Impressed Current:						
Piping Release Detection:						
Piping Material:		Galvanized Steel				
Piping Type:						
Status:		Department of Licensing and Regularatory Affairs				
Tank Status:		Removed from Ground				
Old Tank ID No:		1				
New Tank ID No:		UTK-044946-15				
Tank Compartments:						
Tank Capacity:		10000				
Tank Install Date:		04/29/1971				
Tank Content:		Gasoline				
Tank Removal Date:		01/01/1983				
Tank Release Detection:						
Tank Construction:		Asphalt Coated or Bare Steel,Cathodically Protected Steel				
Impressed Current:						
Piping Release Detection:						
Piping Material:		Galvanized Steel				
Piping Type:						
Status:		Department of Licensing and Regularatory Affairs				
Tank Status:		Removed from Ground				
Old Tank ID No:		5				
New Tank ID No:		UTK-010715-15				
Tank Compartments:						
Tank Capacity:		550				
Tank Install Date:		04/29/1971				
Tank Content:		Gasoline				
Tank Removal Date:		01/01/1983				
Tank Release Detection:						
Tank Construction:		Asphalt Coated or Bare Steel				
Impressed Current:						
Piping Release Detection:						
Piping Material:		Galvanized Steel				
Piping Type:						
Status:		Department of Licensing and Regularatory Affairs				
Tank Status:		Removed from Ground				
Old Tank ID No:		4				
New Tank ID No:		UTK-035225-15				
Tank Compartments:						
Tank Capacity:		550				
Tank Install Date:		04/29/1971				
Tank Content:		Gasoline				
Tank Removal Date:		01/01/1983				
Tank Release Detection:						
Tank Construction:		Asphalt Coated or Bare Steel				
Impressed Current:						
Piping Release Detection:						
Piping Material:		Galvanized Steel				
Piping Type:						
Status:		Department of Licensing and Regularatory Affairs				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ObjectID:		12513				
District Name:		Warren				
Accuracy:		100				
Acc Unit:		FEET				
Desc Cater:		Plant Entrance (Freight)				
Collection Method:		Address Matching-House Number				
Open LUST:		No				
Closed LUST:		No				
Active Site:		No				
Closed Site:		Yes				

Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: Jerry Shaba
Owner Address: 13555 W Chicago St
Owner City: Detroit
Owner State: MI
Owner Zip: 48228-2520
Owner Phone: 3134915960

Tank Details

Tank ID: UTK-010715-15
Tank Status:
Substance Stored: Gasoline
Date of Installation: 4/29/1971 12:00:00 AM
Capacity Gallons: 550
Date of Registration: 1/1/1900 12:00:00 AM
Compartment:
No of Compartments:
New Install Change Or Upgrade: No
Estimated Date Last Used: 1/1/1983 12:00:00 AM
Estimated Date Tank Was Remove: 1/1/1983 12:00:00 AM
Notification Date: 5/12/1986 12:00:00 AM
Change in Service: No
Tank Filled With Inert Materia: No
Tank Was Removed From Ground: Yes
Reason Tank Was Not Removed:

Tank Details

Tank ID: UTK-075385-15
Tank Status:
Substance Stored: Gasoline
Date of Installation: 4/29/1971 12:00:00 AM
Capacity Gallons: 10000
Date of Registration: 1/1/1900 12:00:00 AM
Compartment:
No of Compartments:
New Install Change Or Upgrade: No
Estimated Date Last Used: 1/1/1983 12:00:00 AM
Estimated Date Tank Was Remove: 1/1/1983 12:00:00 AM
Notification Date: 5/12/1986 12:00:00 AM
Change in Service: No
Tank Filled With Inert Materia: No
Tank Was Removed From Ground: Yes
Reason Tank Was Not

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Removed:

Tank Details

Tank ID: UTK-075389-15
Tank Status:
Substance Stored: Gasoline
Date of Installation: 4/29/1971 12:00:00 AM
Capacity Gallons: 10000
Date of Registration: 1/1/1900 12:00:00 AM
Compartment:
No of Compartments:
New Install Change Or Upgrade: No
Estimated Date Last Used: 1/1/1983 12:00:00 AM
Estimated Date Tank Was Remove: 1/1/1983 12:00:00 AM
Notification Date: 5/12/1986 12:00:00 AM
Change in Service: No
Tank Filled With Inert Materia: No
Tank Was Removed From Ground: Yes
Reason Tank Was Not Removed:

Tank Details

Tank ID: UTK-044946-15
Tank Status:
Substance Stored: Gasoline
Date of Installation: 4/29/1971 12:00:00 AM
Capacity Gallons: 10000
Date of Registration: 1/1/1900 12:00:00 AM
Compartment:
No of Compartments:
New Install Change Or Upgrade: No
Estimated Date Last Used: 1/1/1983 12:00:00 AM
Estimated Date Tank Was Remove: 1/1/1983 12:00:00 AM
Notification Date: 5/12/1986 12:00:00 AM
Change in Service: No
Tank Filled With Inert Materia: No
Tank Was Removed From Ground: Yes
Reason Tank Was Not Removed:

Tank Details

Tank ID: UTK-035225-15
Tank Status:
Substance Stored: Gasoline
Date of Installation: 4/29/1971 12:00:00 AM
Capacity Gallons: 550
Date of Registration: 1/1/1900 12:00:00 AM
Compartment:
No of Compartments:
New Install Change Or Upgrade: No
Estimated Date Last Used: 1/1/1983 12:00:00 AM
Estimated Date Tank Was Remove: 1/1/1983 12:00:00 AM
Notification Date: 5/12/1986 12:00:00 AM
Change in Service: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Filled With Inert Material:		No				
Tank Was Removed From Ground:		Yes				
Reason Tank Was Not Removed:						

9	1 of 1	WNW	0.23 / 1,227.62	614.21 / 3	Solo, Inc. 13603 West Chicago Street Detroit MI 48228	AUL
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<p>DEQ Ref NO: NCA-RRD-213-05-055 Status: Recorded SID Facility ID: 00041060 Site ID: MG Entity Code: STD Path Name: U:\kermit\12121305055.pdf Start Date: 8/14/2009 00:00:00 Finish Date: 8/14/2009 00:00:00 District: County Name: Wayne Join Field: Reg Deed Date: 5/4/2004 00:00:00 LandUse Restri Typ: NCA LRUR Type: 2 LRUR Status: 2 Kermit ID (LRUR): 12121305055 Township (LRUR): Detroit State (LRUR): Mi Zipcode (LRUR): 48228 Area Acres (LRUR): 0.4655 Sq Mileage (LRUR): 0.0007 Mapped By: Nicholas Swartz Map Program: ArcInfo 9.3 and IcoMap 4.2 Deq Ref No: NCA-RRD-213-05-055 Kermit ID (Map): 12121305055 Area Acre (Map): .46551953 Sq Mileage (Map): .00072737 City (Map): Detroit Zip Code (Map): 48228 Facility Name: Solo, Inc. Site Name: Property Desc: Solo, Inc. Map Desc: Migrated Address1 (LRUR): 13603 West Chicago Street Address2 (LRUR): Property Legal Desc: Migrated MG Entity Desc: Storage Tank Division Land Use Type: Notice of Corrective Action Icomapattr: Version:2 2 1 732211.3204:205639.0652 3 1 2 -2:E -1:110.000000000000 FEET 1 2 -2:S -1:184.250000000000 FEET 1 2 -2:W -1:110.000000000000 FEET Facility Name (Map): Solo, Inc. Address (Map): 13603 West Chicago Street Data Source(s): EGLE Environmental Mapper Notice of Corrective Action Polygon; Land or Resource Use Restrictions (LRUR) List Map Comments: Land restriction has not been mapped in kermit as of February 20, 2008. LUR is mapped in KERMIT as of 20090814 - Nick Swartz Comments: Request received on 8/25/2005</p>	<p>Orig Facility ID: Program Support: Nicholas Swartz Pg Supprt Assig Dt: 8/14/2009 11:48:22.813 Program Type: Part 213 Is Commercial I: NO Is Commercial II: NO Is Commercial III: YES Is Commercial IV: NO Is Industrial: NO Is Residential: NO Is Recreation: NO Is Multip Land Use: NO Is Site Specific: NO Is GW Consumption: NO Is GW Contact: NO Is Special Well: NO Is Special Buildin: NO Is Excavation: NO Is Soil Movement: NO Is All Constructn: NO Is Monitoring Well: NO Is ExposureBarrier: NO Hlth and Sfty Plan: NO Is Permanent Markr: NO Mgr X: Mgr Y: Shape Star: 3455.12890625 Shape Stle: 243.09367067</p>
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10	1 of 1	NE	0.23 / 1,233.99	615.39 / 5	Q & Q QUALITY CLEANER 13028 W. CHICAGO DETROIT MI 48228	DRYCLEANERS
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ESTAB No: 8200048
County: WAYNE

Historic Dry Cleaning List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Closed				
Type:		Commercial				

[11](#) 1 of 3 SW 0.23 / 1,239.30 611.16 / 0 8951 Schaefer 8951 Schaefer Detroit MI **DELISTED SHWS**

Delisted Sites

Facility ID: 82003040 **County:** Wayne
Baseline Assess No: **Township:**
Data Source: Part 201 **District:** Southeast MI
Source: **Latitude:** 42.36060
Score Out of 48: **Longitude:** -83.17970
Score Date:
Overall Status:
Pollutant:
Original Source: SHWS
Record Date: 31-AUG-2020

[11](#) 2 of 3 SW 0.23 / 1,239.30 611.16 / 0 8951 SCHAEFER 8951 SCHAEFER DETROIT MI **DELISTED CONTAM**

Site ID: 82003040 **Lead Division:** Remediation and Redevelopment Division
Sid Facility ID: **District:** Southeast MI
Status Date: 7/6/2016 **County:** WAYNE
Os Description: Delisted - no longer meets criteria specified in rules

[11](#) 3 of 3 SW 0.23 / 1,239.30 611.16 / 0 8951 SCHAEFER 8951 SCHAEFER DETROIT MI **NFA RES**

Fac ID: 82003040 **BEA No:**
District: SOUTHEAST MI **Regulatory Program:**
County: WAYNE **Latitude:**
Township: DETROIT **Longitude:**
Full Address:
Data Source: RESIDENTIAL CLOSURE

[12](#) 1 of 1 NE 0.24 / 1,270.56 615.58 / 5 MICHIGAN GENERATOR SERVICE 13040 W CHICAGO ST DETROIT MI 48228 **WASTE**

Site ID: MIG000023309 **Legal Name:** MICHIGAN GENERATOR SERVICE
WDS ID: 420357 **County:** WAYNE

[13](#) 1 of 1 NNE 0.24 / 1,283.81 615.48 / 5 EP JOY CLEANERS 13028 CHICAGO DETROIT MI 48228 **DRYCLEANERS**

ESTAB No: 8200227
County: WAYNE

Historic Dry Cleaning List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Closed				
Type:		Commercial				
14	1 of 1	NW	0.25 / 1,306.99	615.03 / 4	COMERICA BANK 13500 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:	MIG000047025	Legal Name:		COMERICA BANK		
WDS ID:	420370	County:		WAYNE		

15	1 of 1	NW	0.26 / 1,348.77	614.47 / 4	13603 W Chicago LLC 13603 W CHICAGO ST DETROIT MI 48228	LUST
ID:	00041060	Facili City (FOIA):		DETROIT		
BEA No:		Facili Zip (FOIA):		48228		
Epa ID:		County (RIDE):		Wayne		
LUST Name:		Latitude (RIDE):		42.36589812		
Contaminant Class :		Longitude (RIDE):		-83.17775675		
Data Source:	213	City (EGLE Map):		DETROIT		
Township:	Detroit	Zipcode (EGLE Map):		48228		
District:	Warren	County (EGLE Map):		Wayne		
Facility Phone:		Latitud (EGLE Map):		42.36589812		
County (FOIA):		Longitu (EGLE Map):		-83.17775675		
Company Name (FOIA):	13603 W Chicago LLC					
Facility Address (FOIA):	13603 W CHICAGO ST					
Company Name (EGLE Map):	13603 W Chicago LLC					
Address (EGLE Map):	13603 W CHICAGO ST					

LUST Details (EGLE Enviromental Mapper)

Owner ID:	77157
Col Date:	
Source:	State of MI
Restrict:	YES
Updated on:	2021-02-01 21:00:11.503
Mgrx:	
Mgry:	
Open LUST:	0
Close LUST:	Closed
Active Site:	1
Close Site:	0

Locations

Location ID:	43385
Epa ID:	
Lust Name:	Sola Inc
Risk Condition:	
Release Status:	Closed
Egle District:	Warren
Project Manager:	Bah-Deh, Pewu
Senate District:	
House District:	
US Congress District:	

Associated Tanks

Release ID:	REL-0480-03
Tank ID:	UTK-117545-15
Tank Status:	Currently In Use
Substance Stored:	Gasoline
Date of Installation:	12/8/2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Capacity Gallons : 10000

Associated Tanks

Release ID: REL-0480-03
 Tank ID: UTK-117544-15
 Tank Status: Currently In Use
 Substance Stored: Gasoline
 Date of Installation: 12/8/2001
 Capacity Gallons : 15000

Facility Release

Release ID: REL-0480-03
 Type of Release: Confirmed
 Current Classification: 4
 Corrective Action Status: Complete (based on workflow)
 Linked Release:

Facility Release Details

Release ID: REL-0480-03
 Current Classification: 4
 Corrective Action Status: Complete (based on workflow)
 Previous Classification:
 Entry Date : 11/17/2003
 Date Release Was Cancelled:
 Date Reported: 11/17/2003
 Closed With State Funds: No
 Date Release Was Upgraded:
 Highest Classification: 4
 Type of Evaluation:
 Institutional Controls: No
 Upgrade Cancel Date:
 Project Manager When Closed : Bah-Deh, Pewu
 Release Closed: Closed
 Closed Date: 11/30/2004

LUST List

Leak No: 0480-03
 Discovery Date: 7/10/2003
 Closed Date: 11/30/2004
 Notification Date Time: 11/17/2003

16	1 of 1	SSW	0.28 / 1,479.90	610.10 / -1	SUNOCO SERVICE STATION 13340 JOY RD DETROIT MI 48228	WASTE
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Site ID: MID000666826 Legal Name: SUNOCO INC
 WDS ID: 392076 County: WAYNE

17	1 of 1	SSW	0.30 / 1,575.61	609.85 / -1	DANNIES FAMILY OIL CHANGE 13303 JOY RD DETROIT MI 48228	WASTE
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Site ID: MIG000046263 Legal Name: DANNIES FAMILY OIL CHANGE
 WDS ID: 440171 County: WAYNE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 1	WSW	0.31 / 1,618.17	611.81 / 1	The Quikrete Companies Inc. 8951 and 9111 Schaefer Highway MI 48228	BEA
Facility ID (Web): 82003040 Bea No (Web): 200703442LV Fac Name (Web): The Quikrete Companies Inc. Address (Web): 8951 and 9111 Schaefer Highway City (Web): Zip (Web): 48228 County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): 42.36060 Longitude (Web): -83.17970 Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200703442LV Fac Name (Map): The Quikrete Companies Inc. Address (Map): 8951 and 9111 Schaefer Highway City (Map): Zip (Map): 48228 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.36164619 Longitude (Map): -83.1776662 Data Source (Map): BEA Method of Collect: Geocode Object ID: 15289 ID: 31610		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

19	1 of 2	SW	0.31 / 1,641.13	610.51 / 0	Joy & Schaefer Vacant Property 8800 Schaefer Highway, Detroit, MI, 48228	SHWS
Facility ID: 82002625 Site ID: 82002625 EPA ID: Location ID: 6411 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): Joy & Schaefer Vacant Property City (Map): Detroit Zip Code (Map): 48228 County (Map): Wayne Latitude (Map): 42.358782 Longitude (Map): -83.17723 Address (Web): 8800 Schaefer Highway, Detroit, MI, 48228 Address (Map): 8800 Schaefer Highway Risk Condition: Risks Present and Immediate Senate District: US Congressional District: Data Source:		Fac Name (Web): Joy & Schaefer Vacant Property County (Web): Wayne Township (Web): Detroit City (Web): Detroit Latitude (Web): 42.358782 Longitude (Web): -83.17723 MGR X: 0.0 MGR Y: 0.0 H Ref Moc: The geographic coordinate determination method based on interpolation-photo. House District: Lust Name: Project Manager: Venner, Sarah Release Status: Ref Desc: OS Descrip: Risks Present and Immediate H Ref Datum:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

19	2 of 2	SW	0.31 / 1,641.13	610.51 / 0	TOP HAT COLLISION INC 8800 SCHAEFER HWY DETROIT MI 48228	WASTE
Site ID: MID057690497 WDS ID: 396423		Legal Name: TOP HAT COLLISION INC County: WAYNE				

20	1 of 1	SW	0.31 / 1,641.78	610.51 / 0	Joy & Schaefer Vacant Property 8800-8830 Schaefer Highway and 13500-13600 Joy Road MI	BEA
Facility ID (Web): 82002625		Facility ID (Map):				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:	200803942LV Joy & Schaefer Vacant Property 8800-8830 Schaefer Highway and 13500-13600 Joy Road Wayne Detroit Southeast MI 42.35878 -83.17723 BEA				Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	
		DEQ Inventory of Facilities (Web)				

21	1 of 2	WSW	0.31 / 1,646.23	611.67 / 1	GIBRALTER NATIONAL CORP 8951 SCHAEFER HWY DETROIT MI 48228	WASTE
Site ID: WDS ID:	MID985566710 401839			Legal Name: County:	GIBRALTER NATIONAL CORP WAYNE	

21	2 of 2	WSW	0.31 / 1,646.23	611.67 / 1	FOUNDRIES MATERIALS CO 8951 SCHAEFER HWY DETROIT MI 48228	WASTE
Site ID: WDS ID:	MID000775981 392762			Legal Name: County:	FOUNDRIES MATERIALS CO WAYNE	

22	1 of 1	SW	0.32 / 1,712.08	610.46 / 0	HULET BODY COMPANY 8801 SCHAEFER MI	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:	199700357LV HULET BODY COMPANY 8801 SCHAEFER Wayne Detroit Southeast MI 42.35869672 -83.17757434 BEA			Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	199700357LV HULET BODY COMPANY 8801 SCHAEFER Wayne Detroit Southeast MI 42.35869672 -83.17757434 BEA Geocode 14619 20444	
		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

23	1 of 1	SW	0.32 / 1,713.00	610.48 / 0	8801 SCHAEFER 8801 SCHAEFER, MI, 48933 MI	SHWS
Facility ID: Site ID: EPA ID: Location ID:	82008213 77113			Fac Name (Web): County (Web): Township (Web): City (Web):	8801 SCHAEFER Wayne Detroit	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulatory Program:	201				Latitude (Web):	NaN
Source:					Longitude (Web):	NaN
Pollutants:					MGR X:	
Hrzaccms:					MGR Y:	
Scale No:					H Ref Moc:	
EGLE District:	Warren				House District:	
Site Name (Map):					Lust Name:	
City (Map):					Project Manager:	Owens, Paul
Zip Code (Map):					Release Status:	
County (Map):					Ref Desc:	
Latitude (Map):					OS Descrip:	
Longitude (Map):					H Ref Datum:	
Address (Web):		8801 SCHAEFER, MI, 48933				
Address (Map):						
Risk Condition:		Risks Not Determined				
Senate District:						
US Congressional District:						
Data Source:		DEQ Inventory of Facilities (Web)				

24	1 of 1	SW	0.33 / 1,753.94	610.39 / 0	HULET BODY COMPANY 8801 SCHAEFER HWY DETROIT MI 48228	WASTE
Site ID:	MIR000019877				Legal Name:	HULET BODY COMPANY INC
WDS ID:	411163				County:	WAYNE

25	1 of 1	SW	0.35 / 1,823.21	610.30 / -1	JOY & SCHAEFER (AUTO REPAIR) 13601 JOY RD DETROIT MI 48228	WASTE
Site ID:	MIG000042132				Legal Name:	JOY & SCHAEFER (AUTO REPAIR)
WDS ID:	414930				County:	WAYNE

26	1 of 1	SW	0.35 / 1,843.25	610.30 / -1	Tommie Worthy 13601 JOY/SCHAEFER, DETROIT, MI, 48228 MI 48228	LUST
ID:	00002273				Facili City (FOIA):	DETROIT
BEA No:					Facili Zip (FOIA):	48228
Epa ID:					County (RIDE):	Wayne
LUST Name:					Latitude (RIDE):	42.358367
Contaminant Class :					Longitude (RIDE):	-83.177773
Data Source:	213				City (EGLE Map):	DETROIT
Township:	Detroit				Zipcode (EGLE Map):	48228
District:	Warren				County (EGLE Map):	Wayne
Facility Phone:					Latitud (EGLE Map):	42.358367
County (FOIA):					Longitu (EGLE Map):	-83.177773
Company Name (FOIA):	Tommie Worthy					
Facility Address (FOIA):	13601 JOY/SCHAEFER					
Company Name (EGLE Map):	Tommie Worthy					
Address (EGLE Map):	13601 JOY/SCHAEFER					

LUST Details (EGLE Enviromental Mapper)

Owner ID:	95803
Col Date:	11/1/2001 12:00:00 AM
Source:	State of MI
Restrict:	YES
Updated on:	2021-02-01 21:00:11.503
Mgrx:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Mgry:
 Open LUST: 0
 Close LUST: Closed
 Active Site: 0
 Close Site: 1

Locations

Location ID: 53986
 Epa ID:
 Lust Name: Shell Oil
 Risk Condition:
 Release Status: Closed
 Egle District: Warren
 Project Manager: Bah-Deh, Pewu
 Senate District:
 House District:
 US Congress District:

Facility Release

Release ID: REL-0155-89
 Type of Release: Confirmed
 Current Classification: 4
 Corrective Action Status: Complete (based on workflow)
 Linked Release:

Facility Release Details

Release ID: REL-0155-89
 Current Classification: 4
 Corrective Action Status: Complete (based on workflow)
 Previous Classification:
 Entry Date : 10/3/2000
 Date Release Was Cancelled:
 Date Reported: 4/27/1989
 Closed With State Funds: No
 Date Release Was Upgraded:
 Highest Classification: 4
 Type of Evaluation:
 Institutional Controls: No
 Upgrade Cancel Date:
 Project Manager When Closed : Bah-Deh, Pewu
 Release Closed: Closed
 Closed Date: 9/29/2000

LUST List

Leak No: 0155-89
 Discovery Date: 4/27/1989
 Closed Date: 9/29/2000
 Notification Date Time: 4/27/1989

27	1 of 2	ENE	0.37 / 1,935.97	615.81 / 5	A & M Fuel Inc 12700 W Chicago St Detroit MI 48228	LUST
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ID:	00035411	Facili City (FOIA):	Detroit
BEA No:		Facili Zip (FOIA):	48228
Epa ID:		County (RIDE):	Wayne
LUST Name:		Latitude (RIDE):	42.366035
Contaminant Class :		Longitude (RIDE):	-83.16816
Data Source:	213	City (EGLE Map):	Detroit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township:	Detroit				Zipcode (EGLE Map): 48228	
District:	Warren				County (EGLE Map): Wayne	
Facility Phone:					Latitud (EGLE Map): 42.366035	
County (FOIA):					Longitu (EGLE Map): -83.16816	
Company Name (FOIA):	A & M Fuel Inc					
Facility Address (FOIA):	12700 W Chicago St					
Company Name (EGLE Map):	A & M Fuel Inc					
Address (EGLE Map):	12700 W Chicago St					

LUST Details (EGLE Enviromental Mapper)

Owner ID: 94339
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed
Active Site: 1
Close Site: 0

Locations

Location ID: 45938
Epa ID:
Lust Name: Sunoco
Risk Condition:
Release Status: Closed
Egle District: Warren
Project Manager: Green, Kenneth
Senate District:
House District:
US Congress District:

Facility Release

Release ID: REL-2279-90
Type of Release: Confirmed
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Linked Release:

Facility Release Details

Release ID: REL-2279-90
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 10/23/1997
Date Release Was Cancelled:
Date Reported: 11/2/1990
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed : Green, Kenneth
Release Closed: Closed
Closed Date: 10/31/1996

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>LUST List</u>						
Leak No:		2279-90				
Discovery Date:		11/3/1990				
Closed Date:		10/31/1996				
Notification Date Time:		11/2/1990				
<u>27</u>	2 of 2	ENE	0.37 / 1,935.97	615.81 / 5	SUN OIL CO 12700 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:	MIG000040781			Legal Name:	SUN OIL CO	
WDS ID:	420349			County:	WAYNE	
<u>28</u>	1 of 1	ENE	0.37 / 1,947.61	616.17 / 5	JSP Realty, LLC 13881 West Chicago Street MI 48228	BEA
Facility ID (Web):	82002769			Facility ID (Map):	82002769	
Bea No (Web):	201104768LV			Bea No (Map):	201104768LV	
Fac Name (Web):	JSP Realty, LLC			Fac Name (Map):	JSP Realty, LLC	
Address (Web):	13881 West Chicago Street			Address (Map):	13881 West Chicago Street	
City (Web):				City (Map):		
Zip (Web):	48228			Zip (Map):	48228	
County (Web):	Wayne			County (Map):	Wayne	
Township (Web):	Detroit			Township (Map):	Detroit	
District (Web):	Southeast MI			District (Map):	Southeast MI	
Latitude (Web):	42.36615			Latitude (Map):	42.36615	
Longitude (Web):	-83.16833			Longitude (Map):	-83.16833	
Data Source (Web):	BEA			Data Source (Map):	BEA	
Accuracy:				Method of Collect:	LocationBased	
Facility 2:				Object ID:	5756	
Source:				ID:	21452	
Submitted:						
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					
<u>29</u>	1 of 1	SW	0.37 / 1,951.51	609.79 / -1	SILVERCRAFT INC 13711 JOY RD DETROIT MI 48228	WASTE
Site ID:	MID005383807			Legal Name:	SILVERCRAFT INC	
WDS ID:	393670			County:	WAYNE	
<u>30</u>	1 of 1	WNW	0.37 / 1,973.21	616.07 / 5	SUNSET USED TIRE 13826 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:				Legal Name:	SUNSET USED TIRE	
WDS ID:	466982			County:	WAYNE	
<u>31</u>	1 of 2	ENE	0.37 / 1,976.56	615.80 / 5	METRO TIRE SERVICE - W CHICAGO 12701 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:				Legal Name:	METRO TIRE SERVICE - W CHICAGO	
WDS ID:	465857			County:	WAYNE	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	2 of 2	ENE	0.37 / 1,976.56	615.80 / 5	CARL DAVID WARD 12701 W CHICAGO ST DETROIT MI 48228	WASTE

Site ID:
WDS ID: 466892

Legal Name: CARL DAVID WARD
County: WAYNE

32	1 of 1	WNW	0.38 / 1,989.15	616.01 / 5	JSP INTERNATIONAL 13889 W CHICAGO ST DETROIT MI 48228	WASTE
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Site ID:
WDS ID: 469811

Legal Name: JSP INTERNATIONAL
County: WAYNE

33	1 of 3	W	0.38 / 2,008.74	614.74 / 4	JSP Realty, LLC 13881 W. Chicago, Detroit, MI, 48228 MI	SHWS
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Facility ID: 82002769
Site ID: 82002769
EPA ID:
Location ID: 6417
Regulatory Program: 201
Source:
Pollutants:
Hrzaccms:
Scale No:

Fac Name (Web): JSP Realty, LLC
County (Web): Wayne
Township (Web): Detroit
City (Web): Detroit
Latitude (Web): 42.366154
Longitude (Web): -83.168328
MGR X: 0.0
MGR Y: 0.0
H Ref Moc: The geographic coordinate determination method based on interpolation-photo.

EGLE District: Warren
Site Name (Map): JSP Realty, LLC
City (Map): Detroit
Zip Code (Map): 48228
County (Map): Wayne
Latitude (Map): 42.366154
Longitude (Map): -83.168328
Address (Web): 13881 W. Chicago, Detroit, MI, 48228
Address (Map): 13881 W. Chicago
Risk Condition: Risks Not Determined
Senate District:
US Congressional District:
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

House District:
Lust Name:
Project Manager: Thornton, Patricia
Release Status:
Ref Desc:
OS Descrip: Evaluation in progress
H Ref Datum:

33	2 of 3	W	0.38 / 2,008.74	614.74 / 4	Westfield Industrial Center 13881 W Chicago St Detroit MI 48228	LUST
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ID: 00039584
BEA No:
Epa ID:
LUST Name:
Contaminant Class :
Data Source: 213
Township: Detroit
District: Warren
Facility Phone:
County (FOIA):
Company Name (FOIA): Westfield Industrial Center
Facility Address (FOIA): 13881 W Chicago St
Company Name (EGLE Map): Westfield Industrial Center
Address (EGLE Map): 13881 W Chicago St

Facili City (FOIA): Detroit
Facili Zip (FOIA): 48228
County (RIDE): Wayne
Latitude (RIDE): 42.365525
Longitude (RIDE): -83.1812
City (EGLE Map): Detroit
Zipcode (EGLE Map): 48228
County (EGLE Map): Wayne
Latitud (EGLE Map): 42.365525
Longitu (EGLE Map): -83.1812

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LUST Details (EGLE Enviromental Mapper)

Owner ID: 81763
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed
Active Site: 0
Close Site: 1

Locations

Location ID: 59869
Epa ID:
Lust Name: Westfield Industrial Center
Risk Condition:
Release Status: Closed
Egle District: Warren
Project Manager: Bah-Deh, Pewu
Senate District:
House District:
US Congress District:

Facility Release

Release ID: REL-0031-98
Type of Release: Confirmed
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Linked Release:

Facility Release Details

Release ID: REL-0031-98
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 12/22/1998
Date Release Was Cancelled:
Date Reported: 1/13/1998
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed : Bah-Deh, Pewu
Release Closed: Closed
Closed Date: 11/22/1998

LUST List

Leak No: 0031-98
Discovery Date: 1/12/1998
Closed Date: 11/22/1998
Notification Date Time: 1/13/1998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13881 W CHICAGO ST DETROIT MI 48228						
Site ID:	MID106512213				Legal Name:	JSP REALTY LLC - DETROIT FACILITY
WDS ID:	398237				County:	WAYNE
34	1 of 1	ENE	0.39 / 2,044.03	615.99 / 5	DONS CAR WASH 12580 W CHICAGO DETROIT MI 48227	WASTE
Site ID:	MIG000024670				Legal Name:	DONS CAR WASH
WDS ID:	420348				County:	WAYNE
13870 W CHICAGO ST DETROIT MI 48228						
35	1 of 1	WNW	0.41 / 2,160.45	616.13 / 5	MERIDIAN AUTOMOTIVE SYSTEMS DETROIT OPERATIONS PL 13870 W CHICAGO ST DETROIT MI 48228	WASTE
Site ID:	MID001698034				Legal Name:	MERIDIAN AUTOMOTIVE SYSTEMS INC
WDS ID:	392891				County:	WAYNE
12700 JOY RD DETROIT MI 48228						
36	1 of 1	ESE	0.42 / 2,223.81	609.31 / -2	NORTHFIELD CLEANERS 12700 JOY RD DETROIT MI 48228	WASTE
Site ID:	MIG000019842				Legal Name:	NORTHFIELD CLEANERS
WDS ID:	453518				County:	WAYNE
10840 Joy Road MI 48204						
37	1 of 2	ESE	0.44 / 2,305.64	609.47 / -1	A & N Express Property 10840 Joy Road MI 48204	BEA
Facility ID (Web):					Facility ID (Map):	00010212
Bea No (Web):	201104971LV				Bea No (Map):	201104971LV
Fac Name (Web):	A & N Express Property				Fac Name (Map):	A & N Express Property
Address (Web):	10840 Joy Road				Address (Map):	10840 Joy Rd
City (Web):					City (Map):	Detroit
Zip (Web):	48204				Zip (Map):	48204
County (Web):	Wayne				County (Map):	Wayne
Township (Web):	Detroit				Township (Map):	Detroit
District (Web):	Southeast MI				District (Map):	Southeast MI
Latitude (Web):					Latitude (Map):	42.35880501
Longitude (Web):					Longitude (Map):	-83.16663738
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	Geocode
Facility 2:	Joy Fuel & Mart				Object ID:	11028
Source:	BEA				ID:	9014
Submitted:	Joy Convenience, LLC					
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					
10840 JOY RD DETROIT MI 48204						
37	2 of 2	ESE	0.44 / 2,305.64	609.47 / -1	JOY AND MEYER FILL UP 10840 JOY RD DETROIT MI 48204	WASTE
Site ID:	MI0000859009				Legal Name:	JOY AND MEYER FILL UP
WDS ID:	391407				County:	WAYNE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 1	SW	0.44 / 2,322.66	610.24 / -1	Foodland Distributors, Inc 13901 JOY RD DETROIT MI 48228	LUST

ID:	00006317	Facili City (FOIA):	DETROIT
BEA No:		Facili Zip (FOIA):	48228
Epa ID:		County (RIDE):	Wayne
LUST Name:		Latitude (RIDE):	42.35829
Contaminant Class :		Longitude (RIDE):	-83.180925
Data Source:	213	City (EGLE Map):	DETROIT
Township:	Detroit	Zipcode (EGLE Map):	48228
District:	Warren	County (EGLE Map):	Wayne
Facility Phone:		Latitud (EGLE Map):	42.35829
County (FOIA):		Longitu (EGLE Map):	-83.180925
Company Name (FOIA):	Foodland Distributors, Inc		
Facility Address (FOIA):	13901 JOY RD		
Company Name (EGLE Map):	Foodland Distributors, Inc		
Address (EGLE Map):	13901 JOY RD		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	82489
Col Date:	11/1/2001 12:00:00 AM
Source:	State of MI
Restrict:	YES
Updated on:	2021-02-01 21:00:11.503
Mgrx:	
Mgry:	
Open LUST:	Open
Close LUST:	0
Active Site:	0
Close Site:	1

Locations

Location ID:	49828
Epa ID:	
Lust Name:	Abner Or Admiral Wolf Warehouse
Risk Condition:	
Release Status:	Closed
Egle District:	Warren
Project Manager:	Noetzel, Katie
Senate District:	
House District:	
US Congress District:	

Facility Release

Release ID:	REL-0162-91
Type of Release:	Confirmed
Current Classification:	Unknown
Corrective Action Status:	Inactive
Linked Release:	

Facility Release

Release ID:	REL-2651-90
Type of Release:	Confirmed
Current Classification:	4
Corrective Action Status:	Complete (based on workflow)
Linked Release:	

Facility Release Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Release ID: REL-2651-90
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 6/7/2001
Date Release Was Cancelled:
Date Reported: 12/12/1990
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed : Golla, Terri
Release Closed: Closed
Closed Date: 6/13/1996

Facility Release Details

Release ID: REL-0162-91
Current Classification: Unknown
Corrective Action Status: Inactive
Previous Classification:
Entry Date : 6/7/2001
Date Release Was Cancelled:
Date Reported: 2/2/1991
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Unknown
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed :
Release Closed:
Closed Date:

LUST List

Leak No: 0162-91
Discovery Date: 2/2/1991
Closed Date: NULL
Notification Date Time: 2/2/1991

LUST List

Leak No: 2651-90
Discovery Date: 12/12/1990
Closed Date: 6/13/1996
Notification Date Time: 12/12/1990

39	1 of 1	ESE	0.44 / 2,331.04	609.45 / -1	ZMT 10840 Joy Rd Detroit MI 48204	LUST
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ID:	00010212	Facili City (FOIA):	Detroit
BEA No:		Facili Zip (FOIA):	48204
Epa ID:		County (RIDE):	Wayne
LUST Name:		Latitude (RIDE):	42.35898989
Contaminant Class :		Longitude (RIDE):	-83.16716086
Data Source:	213	City (EGLE Map):	Detroit
Township:		Zipcode (EGLE Map):	48204
District:	Warren	County (EGLE Map):	Wayne
Facility Phone:		Latitud (EGLE Map):	42.358836
County (FOIA):		Longitu (EGLE Map):	-83.166945

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Company Name (FOIA):		ZMT				
Facility Address (FOIA):		10840 Joy Rd				
Company Name (EGLE Map):		ZMT				
Address (EGLE Map):		10840 Joy Rd				

LUST Details (EGLE Enviromental Mapper)

Owner ID: 71111
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed
Active Site: 1
Close Site: 0

Locations

Location ID: 56185
Epa ID:
Lust Name: Clark Mini Mart
Risk Condition: Risks Controlled
Release Status: Open
Egle District: Warren
Project Manager: Bah-Deh, Pewu
Senate District: Sylvia Santana
House District: Karen Whitsett
US Congress District: Rashida Tlaib

Associated Tanks

Release ID: REL-0170-06
Tank ID: UTK-086748-15
Tank Status: Closed in Ground
Substance Stored: Gasoline
Date of Installation: 4/21/1974
Capacity Gallons : 6000

Associated Tanks

Release ID: REL-0170-06
Tank ID: UTK-086753-15
Tank Status: Currently In Use
Substance Stored: Gasoline
Date of Installation: 4/21/1974
Capacity Gallons : 6000

Associated Tanks

Release ID: REL-0170-06
Tank ID: UTK-004679-15
Tank Status: Currently In Use
Substance Stored: Gasoline
Date of Installation: 4/21/1974
Capacity Gallons : 6000

Facility Release

Release ID: REL-0170-06

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type of Release:		Confirmed				
Current Classification:		4				
Corrective Action Status:		Complete (based on workflow)				
Linked Release:						

Facility Release Details

Release ID:	REL-0170-06
Current Classification:	4
Corrective Action Status:	Complete (based on workflow)
Previous Classification:	
Entry Date :	7/27/2006
Date Release Was Cancelled:	
Date Reported:	7/18/2006
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	4
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed :	
Release Closed:	
Closed Date:	

LUST List

Leak No:	0170-06
Discovery Date:	4/1/1998
Closed Date:	4/23/2008
Notification Date Time:	7/18/2006

40	1 of 1	WSW	0.44 / 2,349.36	610.22 / -1	STEEL PROCESSING CO 13770 JOY RD DETROIT MI 48228	WASTE
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Site ID:	MIG000019957	Legal Name:	STEEL PROCESSING CO
WDS ID:	453292	County:	WAYNE

41	1 of 1	WSW	0.45 / 2,358.42	610.24 / -1	AMERICAN BASIC INDUSTRIES INC 13900 JOY RD DETROIT MI 48228	WASTE
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Site ID:	MID985616457	Legal Name:	AMERICAN BASIC INDUSTRIES INC
WDS ID:	405531	County:	WAYNE

42	1 of 1	ENE	0.45 / 2,376.41	616.47 / 6	A AND B STARTER SERVICE 10638 W CHICAGO DETROIT MI 48204	WASTE
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Site ID:	MID005510193	Legal Name:	A AND B STARTER SERVICE
WDS ID:	393820	County:	WAYNE

43	1 of 1	WNW	0.45 / 2,399.27	616.28 / 5	CASSEY'S USED AUTO PARTS 14205 W CHICAGO ST DETROIT MI 48228	WASTE
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Site ID:	414945	Legal Name:	CASSEY'S USED AUTO PARTS
WDS ID:		County:	WAYNE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	1 of 2	W	0.45 / 2,401.19	614.58 / 4	Freeland Manufacturing Co 9260 FREELAND ST DETROIT MI 48228	LUST

ID:	00018634	Facili City (FOIA):	DETROIT
BEA No:		Facili Zip (FOIA):	48228
Epa ID:		County (RIDE):	Wayne
LUST Name:		Latitude (RIDE):	42.362787
Contaminant Class :		Longitude (RIDE):	-83.183705
Data Source:	213	City (EGLE Map):	DETROIT
Township:	Detroit	Zipcode (EGLE Map):	48228
District:	Warren	County (EGLE Map):	Wayne
Facility Phone:		Latitud (EGLE Map):	42.362787
County (FOIA):		Longitu (EGLE Map):	-83.183705
Company Name (FOIA):	Freeland Manufacturing Co		
Facility Address (FOIA):	9260 FREELAND ST		
Company Name (EGLE Map):	Freeland Manufacturing Co		
Address (EGLE Map):	9260 FREELAND ST		

LUST Details (EGLE Enviromental Mapper)

Owner ID: 68227
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed
Active Site: 0
Close Site: 1

Locations

Location ID: 69001
Epa ID:
Lust Name: Freeland Manufacturing Co.
Risk Condition:
Release Status: Closed
Egle District: Warren
Project Manager: Akujobi, Clifford
Senate District:
House District:
US Congress District:

Facility Release

Release ID: REL-2590-91
Type of Release: Confirmed
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Linked Release:

Facility Release Details

Release ID: REL-2590-91
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 8/19/1995
Date Release Was Cancelled:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Reported:		1/1/1900				
Closed With State Funds:		No				
Date Release Was Upgraded:						
Highest Classification:		4				
Type of Evaluation:						
Institutional Controls:		No				
Upgrade Cancel Date:						
Project Manager When Closed :		Akujobi, Clifford				
Release Closed:		Closed				
Closed Date:		3/10/1993				

LUST List

Leak No: 2590-91
Discovery Date: 11/20/1991
Closed Date: 3/10/1993
Notification Date Time: 1/1/2000

44	2 of 2	W	0.45 / 2,401.19	614.58 / 4	FREELAND MFG 9260 FREELAND ST DETROIT MI 48228	WASTE
Site ID:	MID982219859			Legal Name:	FREELAND MFG	
WDS ID:	400962			County:	WAYNE	

45	1 of 1	W	0.46 / 2,415.78	614.85 / 4	MICHIGAN TILE & MARBLE 9320 FREELAND ST DETROIT MI 48228	WASTE
Site ID:	MIG000034509			Legal Name:	MICHIGAN TILE & MARBLE	
WDS ID:	446116			County:	WAYNE	

46	1 of 2	W	0.46 / 2,440.79	615.22 / 4	Wolpin Co 9350 FREELAND ST DETROIT MI 48228	LUST
ID:	00005501			Facili City (FOIA):	DETROIT	
BEA No:				Facili Zip (FOIA):	48228	
Epa ID:				County (RIDE):		
LUST Name:				Latitude (RIDE):		
Contaminant Class :				Longitude (RIDE):		
Data Source:				City (EGLE Map):	DETROIT	
Township:				Zipcode (EGLE Map):	48228	
District:	Warren			County (EGLE Map):	Wayne	
Facility Phone:				Latitud (EGLE Map):	42.363982	
County (FOIA):				Longitu (EGLE Map):	-83.183752	
Company Name (FOIA):	Wolpin Co					
Facility Address (FOIA):	9350 FREELAND ST					
Company Name (EGLE Map):	Wolpin Co					
Address (EGLE Map):	9350 FREELAND ST					

LUST Details (EGLE Enviromental Mapper)

Owner ID: 66106
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: 0
Close LUST: Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Active Site:		0				
Close Site:		1				
LUST List						
Leak No:		0162-93				
Discovery Date:		1/20/1993				
Closed Date:		3/17/1995				
Notification Date Time:		1/21/1993				

46	2 of 2	W	0.46 / 2,440.79	615.22 / 4	WOLPIN CO 9350 FREELAND ST DETROIT MI 48228	WASTE
Site ID:	MIG000006969			Legal Name:	WOLPIN CO	
WDS ID:	458223			County:	WAYNE	

47	1 of 3	WSW	0.46 / 2,449.85	612.23 / 1	9100 FREELAND MI	BEA
Facility ID (Web):	82001663			Facility ID (Map):		
Bea No (Web):	200000046DT			Bea No (Map):	200000046DT	
Fac Name (Web):				Fac Name (Map):		
Address (Web):	9100 FREELAND			Address (Map):	9100 FREELAND	
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web):	Wayne			County (Map):	Wayne	
Township (Web):	Detroit			Township (Map):	Detroit	
District (Web):	Southeast MI			District (Map):	Southeast MI	
Latitude (Web):	42.36091			Latitude (Map):	42.3611781	
Longitude (Web):	-83.18336			Longitude (Map):	-83.18360907	
Data Source (Web):	BEA			Data Source (Map):	BEA	
Accuracy:				Method of Collect:	Geocode	
Facility 2:				Object ID:	5961	
Source:				ID:	316	
Submitted:						
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

47	2 of 3	WSW	0.46 / 2,449.85	612.23 / 1	Eppert Oil - 9100 Freeland 9100 Freeland, Detroit, MI, 48228 MI	SHWS
Facility ID:	82001663			Fac Name (Web):	Eppert Oil - 9100 Freeland	
Site ID:	82001663			County (Web):	Wayne	
EPA ID:				Township (Web):	Detroit	
Location ID:	4520			City (Web):	Detroit	
Regulatory Program:	201			Latitude (Web):	42.360912	
Source:				Longitude (Web):	-83.183356	
Pollutants:				MGR X:	0.0	
Hrzaccms:				MGR Y:	0.0	
Scale No:				H Ref Moc:	The geographic coordinate determination method based on interpolation-photo.	
EGLE District:	Warren			House District:		
Site Name (Map):	Eppert Oil - 9100 Freeland			Lust Name:		
City (Map):	Detroit			Project Manager:	Williams, Karen	
Zip Code (Map):	48228			Release Status:		
County (Map):	Wayne			Ref Desc:		
Latitude (Map):	42.360912			OS Descrip:	Interim Response in progress	
Longitude (Map):	-83.183356			H Ref Datum:		
Address (Web):	9100 Freeland, Detroit, MI, 48228					
Address (Map):	9100 Freeland					
Risk Condition:	Risks Present but Not Immediate					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Senate District:
 US Congressional District:
 Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

47	3 of 3	WSW	0.46 / 2,449.85	612.23 / 1	HOUGHTON INTERNATIONAL INC 9100 FREELAND ST DETROIT MI 48228	WASTE
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Site ID:	MID005329602	Legal Name:	HOUGHTON INTERNATIONAL INC
WDS ID:	393225	County:	WAYNE

48	1 of 1	NE	0.46 / 2,453.49	619.51 / 9	CITY OF DETROIT FIRE DEPARTMENT 9931 IRIS ST DETROIT MI 48227	WASTE
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Site ID:	MIK274534668	Legal Name:	CITY OF DETROIT FIRE DEPARTMENT
WDS ID:	475057	County:	WAYNE

49	1 of 1	WNW	0.48 / 2,525.10	616.31 / 5	Best Block Co 14210 W CHICAGO ST DETROIT MI 48228	LUST
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ID:	00021071	Facili City (FOIA):	DETROIT
BEA No:		Facili Zip (FOIA):	48228
Epa ID:		County (RIDE):	Wayne
LUST Name:		Latitude (RIDE):	42.365753
Contaminant Class :		Longitude (RIDE):	-83.183484
Data Source:	213	City (EGLE Map):	DETROIT
Township:	Detroit	Zipcode (EGLE Map):	48228
District:	Warren	County (EGLE Map):	Wayne
Facility Phone:		Latitud (EGLE Map):	42.365753
County (FOIA):		Longitu (EGLE Map):	-83.183484
Company Name (FOIA):	Best Block Co		
Facility Address (FOIA):	14210 W CHICAGO ST		
Company Name (EGLE Map):	Best Block Co		
Address (EGLE Map):	14210 W CHICAGO ST		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	94007
Col Date:	11/1/2001 12:00:00 AM
Source:	State of MI
Restrict:	YES
Updated on:	2021-02-01 21:00:11.503
Mgrx:	
Mgry:	
Open LUST:	0
Close LUST:	Closed
Active Site:	0
Close Site:	1

Locations

Location ID:	62235
Epa ID:	
Lust Name:	Borin Builders Supply
Risk Condition:	
Release Status:	Closed
Egle District:	Warren
Project Manager:	Bah-Deh, Pewu

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Senate District:
House District:
US Congress District:

Facility Release

Release ID: REL-0713-92
Type of Release: Confirmed
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Linked Release:

Facility Release Details

Release ID: REL-0713-92
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 8/19/1995
Date Release Was Cancelled:
Date Reported: 5/1/1992
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed : Bah-Deh, Pewu
Release Closed: Closed
Closed Date: 10/15/1992

LUST List

Leak No: 0713-92
Discovery Date: 5/1/1992
Closed Date: 10/15/1992
Notification Date Time: 5/1/1992

50	1 of 1	W	0.48 / 2,528.19	615.09 / 4	CEMET FIBER CO 9317 FREELAND ST DETROIT MI 48228	WASTE
Site ID:	MIG000034549	Legal Name:			CEMET FIBER CO	
WDS ID:	446142	County:			WAYNE	

51	1 of 2	W	0.48 / 2,560.61	613.21 / 2	Total Building Services, Inc 9101 Freeland St Detroit MI 48228	LUST
ID:	00016301	Facility City (FOIA):			Detroit	
BEA No:		Facility Zip (FOIA):			48228	
Epa ID:		County (RIDE):			Wayne	
LUST Name:		Latitude (RIDE):			42.361391	
Contaminant Class :		Longitude (RIDE):			-83.184023	
Data Source:	213	City (EGLE Map):			Detroit	
Township:	Detroit	Zipcode (EGLE Map):			48228	
District:	Warren	County (EGLE Map):			Wayne	
Facility Phone:		Latitud (EGLE Map):			42.361391	
County (FOIA):		Longitu (EGLE Map):			-83.184023	
Company Name (FOIA):	Total Building Services, Inc					
Facility Address (FOIA):	9101 Freeland St					
Company Name (EGLE Map):	Total Building Services, Inc					
Address (EGLE Map):	9101 Freeland St					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LUST Details (EGLE Enviromental Mapper)

Owner ID: 90799
Col Date: 11/1/2001 12:00:00 AM
Source: State of MI
Restrict: YES
Updated on: 2021-02-01 21:00:11.503
Mgrx:
Mgry:
Open LUST: Open
Close LUST: 0
Active Site: 0
Close Site: 1

Locations

Location ID: 58236
Epa ID:
Lust Name: Total Building Services, Inc
Risk Condition:
Release Status: Closed
Egle District: Warren
Project Manager: Schlaufman, Jeanne
Senate District:
House District:
US Congress District:

Facility Release

Release ID: REL-4072-85
Type of Release: Confirmed
Current Classification: Unknown
Corrective Action Status: Stopped
Linked Release:

Facility Release

Release ID: REL-1628-90
Type of Release: Confirmed
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Linked Release:

Facility Release

Release ID: REL-1593-90
Type of Release: Confirmed
Current Classification: Unknown
Corrective Action Status: Inactive
Linked Release:

Facility Release Details

Release ID: REL-1628-90
Current Classification: 4
Corrective Action Status: Complete (based on workflow)
Previous Classification:
Entry Date : 8/19/1995
Date Release Was Cancelled:
Date Reported: 8/24/1990
Closed With State Funds: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Release Was Upgraded:						
Highest Classification:		4				
Type of Evaluation:						
Institutional Controls:		No				
Upgrade Cancel Date:						
Project Manager When Closed :		Schlaufman, Jeanne				
Release Closed:		Closed				
Closed Date:		2/8/1993				

Facility Release Details

Release ID:	REL-1593-90
Current Classification:	Unknown
Corrective Action Status:	Inactive
Previous Classification:	
Entry Date :	3/15/2001
Date Release Was Cancelled:	
Date Reported:	8/22/1990
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	Unknown
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed :	
Release Closed:	
Closed Date:	

Facility Release Details

Release ID:	REL-4072-85
Current Classification:	Unknown
Corrective Action Status:	Stopped
Previous Classification:	
Entry Date :	3/26/2001
Date Release Was Cancelled:	
Date Reported:	1/1/1900
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	Unknown
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed :	
Release Closed:	
Closed Date:	

LUST List

Leak No:	1628-90
Discovery Date:	8/24/1990
Closed Date:	2/8/1993
Notification Date Time:	8/24/1990

LUST List

Leak No:	1593-90
Discovery Date:	8/22/1990
Closed Date:	NULL
Notification Date Time:	8/22/1990

LUST List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Leak No:		4072-85				
Discovery Date:		6/4/1993				
Closed Date:		NULL				
Notification Date Time:		1/1/2000				
51	2 of 2	W	0.48 / 2,560.61	613.21 / 2	TOTAL BUILDING SERVICE 9101 FREELAND ST DETROIT MI 48228	WASTE
Site ID:	MIG000025289	Legal Name:		TOTAL BUILDING SERVICE		
WDS ID:	450305	County:		WAYNE		
52	1 of 1	ESE	0.49 / 2,582.35	610.28 / -1	ERVIN CAMPBELL COLLISION INC 10644 JOY RD DETROIT MI 48204	WASTE
Site ID:	MID981789795	Legal Name:		ERVIN CAMPBELL COLLISION INC		
WDS ID:	400189	County:		WAYNE		
53	1 of 1	ESE	0.50 / 2,627.03	610.17 / -1	FIRST FEDERAL BANK 10641 JOY RD DETROIT MI 48204	WASTE
Site ID:	MIG000061741	Legal Name:		FIRST FEDERAL BANK		
WDS ID:	421671	County:		WAYNE		
54	1 of 2	WSW	0.50 / 2,655.64	612.57 / 2	Crucificio LLC 8951 Freeland Street MI 48228	BEA
Facility ID (Web):		Facility ID (Map):				
Bea No (Web):		200402517LV	Bea No (Map):		200402517LV	
Fac Name (Web):		Crucificio LLC	Fac Name (Map):		Crucificio LLC	
Address (Web):		8951 Freeland Street	Address (Map):		8951 Freeland St	
City (Web):			City (Map):		Detroit	
Zip (Web):		48228	Zip (Map):		48228	
County (Web):		Wayne	County (Map):		Wayne	
Township (Web):		Detroit	Township (Map):		Detroit	
District (Web):		Southeast MI	District (Map):		Southeast MI	
Latitude (Web):			Latitude (Map):		42.35914917	
Longitude (Web):			Longitude (Map):		-83.18363942	
Data Source (Web):		BEA	Data Source (Map):		BEA	
Accuracy:			Method of Collect:		Geocode	
Facility 2:			Object ID:		11376	
Source:			ID:		14051	
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				
54	2 of 2	WSW	0.50 / 2,655.64	612.57 / 2	8951 Freeland Street 8951 Freeland Street, MI, 48228 MI	SHWS
Facility ID:		82008222	Fac Name (Web):		8951 Freeland Street	
Site ID:			County (Web):		Wayne	
EPA ID:			Township (Web):		Detroit	
Location ID:		77122	City (Web):			
Regulatory Program:		201	Latitude (Web):		NaN	
Source:			Longitude (Web):		NaN	
Pollutants:			MGR X:			
Hrzaccms:			MGR Y:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 8951 Freeland Street, MI, 48228 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)		H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:				

55	1 of 4	WSW	0.54 / 2,830.46	609.77 / -1	Independent Brokers, LLC 14263 Joy Road MI 48228	BEA
Facility ID (Web): Bea No (Web): 201606953LV Fac Name (Web): Independent Brokers, LLC Address (Web): 14263 Joy Road City (Web): Zip (Web): 48228 County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)		Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:				

55	2 of 4	WSW	0.54 / 2,830.46	609.77 / -1	14263 Joy Road 14263 Joy Road Detroit MI 48228	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source: DEQ Baseline Environmental Assessment Sites (Map)		Facility ID (Map): 82007231 Bea No (Map): B201606953LV Fac Name (Map): 14263 Joy Road Address (Map): 14263 Joy Road City (Map): Detroit Zip (Map): 48228 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.35829245 Longitude (Map): -83.18319795 Data Source (Map): Method of Collect: Object ID: 25598 ID:				

55	3 of 4	WSW	0.54 / 2,830.46	609.77 / -1	Independent Brokers, LLC 14263 Joy Road Detroit MI 48228	BEA
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Facility ID (Map): Bea No (Map): B201706953LV Fac Name (Map): Independent Brokers, LLC Address (Map): 14263 Joy Road City (Map): Detroit Zip (Map): 48228 County (Map): Wayne Township (Map): District (Map): Southeast MI Latitude (Map): 42.3581 Longitude (Map): -83.1833 Data Source (Map): Method of Collect: Object ID: 19210 ID: 0		
DEQ Baseline Environmental Assessment Sites (Map)						

55	4 of 4	WSW	0.54 / 2,830.46	609.77 / -1	14263 Joy Road 14263 Joy Road, MI, 48228 MI	SHWS
Facility ID: 82007231 Site ID: EPA ID: Location ID: 76131 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 14263 Joy Road, MI, 48228 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)				Fac Name (Web): 14263 Joy Road County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:		

56	1 of 1	WSW	0.54 / 2,830.80	609.77 / -1	T.M.T. ENTERPRISES, L.L.C. 14263 JOY ROAD (VACANT PARCEL) MI	BEA
Facility ID (Web): Bea No (Web): 199700390LV Fac Name (Web): T.M.T. ENTERPRISES, L.L.C. Address (Web): 14263 JOY ROAD (VACANT PARCEL) City (Web): Zip (Web): County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source:				Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Submitted:
Source: DEQ Inventory of Facilities (Web)

57	1 of 2	NNW	0.55 / 2,897.85	618.50 / 8	MOPEC, INC. 13460 ELMIRA MI	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	199800682LV	Bea No (Map):	199800682LV
Fac Name (Web):	MOPEC, INC.	Fac Name (Map):	MOPEC, INC.
Address (Web):	13460 ELMIRA	Address (Map):	13460 ELMIRA
City (Web):		City (Map):	
Zip (Web):		Zip (Map):	
County (Web):	Wayne	County (Map):	Wayne
Township (Web):	Detroit	Township (Map):	Detroit
District (Web):	Southeast MI	District (Map):	Southeast MI
Latitude (Web):		Latitude (Map):	42.37072507
Longitude (Web):		Longitude (Map):	-83.17642635
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	14943
Source:		ID:	24911
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

57	2 of 2	NNW	0.55 / 2,897.85	618.50 / 8	13460 ELMIRA 13460 ELMIRA, MI, 48933 MI	SHWS
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Facility ID:	82007197	Fac Name (Web):	13460 ELMIRA
Site ID:		County (Web):	Wayne
EPA ID:		Township (Web):	Detroit
Location ID:	76097	City (Web):	
Regulatory Program:	201	Latitude (Web):	NaN
Source:		Longitude (Web):	NaN
Pollutants:		MGR X:	
Hrzaccms:		MGR Y:	
Scale No:		H Ref Moc:	
EGLE District:	Warren	House District:	
Site Name (Map):		Lust Name:	
City (Map):		Project Manager:	Owens, Paul
Zip Code (Map):		Release Status:	
County (Map):		Ref Desc:	
Latitude (Map):		OS Descrip:	
Longitude (Map):		H Ref Datum:	
Address (Web):	13460 ELMIRA, MI, 48933		
Address (Map):			
Risk Condition:	Risks Not Determined		
Senate District:			
US Congressional District:			
Data Source:	DEQ Inventory of Facilities (Web)		

58	1 of 1	WNW	0.55 / 2,907.90	616.16 / 5	Chicago, 14301 - 14331 14301 Chicago, Detroit, MI, 48228 MI	SHWS
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Facility ID:	82001899	Fac Name (Web):	Chicago, 14301 - 14331
Site ID:	82001899	County (Web):	Wayne
EPA ID:		Township (Web):	Detroit
Location ID:	3176	City (Web):	Detroit
Regulatory Program:	201	Latitude (Web):	42.36569
Source:		Longitude (Web):	-83.18414
Pollutants:		MGR X:	731722.1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hrzaccms:					MGR Y: 205624.3	
Scale No:					H Ref Moc: The geographic coordinate determination method based on interpolation-map.	
EGLE District:	Warren				House District: Karen Whitsett	
Site Name (Map):	Chicago, 14301 - 14331				Lust Name:	
City (Map):	Detroit				Project Manager: Williams, Karen	
Zip Code (Map):	48228				Release Status:	
County (Map):	Wayne				Ref Desc: Center of a facility or station.	
Latitude (Map):	42.36569				OS Descrip: Inactive - no actions taken to address contamination	
Longitude (Map):	-83.18414				H Ref Datum: North American Datum of 1983	
Address (Web):	14301 Chicago, Detroit, MI, 48228					
Address (Map):	14301 Chicago					
Risk Condition:	Risks Not Determined					
Senate District:	Sylvia Santana					
US Congressional District:	Rashida Tlaib					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

[59](#) 1 of 1 SW 0.56 / 2,971.60 609.47 / -1 13901 Joy Rd Detroit MI 48228 BEA

Facility ID (Web):		Facility ID (Map):	
Bea No (Web): 200101368LV		Bea No (Map): 200101368LV	
Fac Name (Web):		Fac Name (Map):	
Address (Web): 13901 Joy Rd.		Address (Map): 13901 Joy Rd	
City (Web):		City (Map): Detroit	
Zip (Web): 48228		Zip (Map): 48228	
County (Web): Wayne		County (Map): Wayne	
Township (Web): Detroit		Township (Map): Detroit	
District (Web): Southeast MI		District (Map): Southeast MI	
Latitude (Web):		Latitude (Map): 42.35843603	
Longitude (Web):		Longitude (Map): -83.18071642	
Data Source (Web): BEA		Data Source (Map): BEA	
Accuracy:		Method of Collect: Geocode	
Facility 2:		Object ID: 5990	
Source:		ID: 497	
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[60](#) 1 of 3 NW 0.57 / 2,998.17 619.46 / 9 Commercial Property 13849 Keal Street MI BEA

Facility ID (Web):		Facility ID (Map):	
Bea No (Web): 201004404LV		Bea No (Map): 201004404LV	
Fac Name (Web): Commercial Property		Fac Name (Map): Commercial Property	
Address (Web): 13849 Keal Street		Address (Map): 13849 Keal Street	
City (Web):		City (Map):	
Zip (Web):		Zip (Map):	
County (Web): Wayne		County (Map): Wayne	
Township (Web): Detroit		Township (Map): Detroit	
District (Web): Southeast MI		District (Map): Southeast MI	
Latitude (Web):		Latitude (Map): 42.36988587	
Longitude (Web):		Longitude (Map): -83.18060129	
Data Source (Web): BEA		Data Source (Map): BEA	
Accuracy:		Method of Collect: Geocode	
Facility 2:		Object ID: 11347	
Source:		ID: 13566	
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	2 of 3	NW	0.57 / 2,998.17	619.46 / 9	Keal Investors LTD, LLC 13849 Keal Street MI 48227	BEA
Facility ID (Web): Bea No (Web): 200502949LV Fac Name (Web): Keal Investors LTD, LLC Address (Web): 13849 Keal Street City (Web): Zip (Web): 48227 County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200502949LV Fac Name (Map): Keal Investors LTD, LLC Address (Map): 13849 Keal St City (Map): Detroit Zip (Map): 48227 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.36988587 Longitude (Map): -83.18060129 Data Source (Map): BEA Method of Collect: Geocode Object ID: 14699 ID: 21662		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

60	3 of 3	NW	0.57 / 2,998.17	619.46 / 9	13849 Keal Street 13849 Keal Street, MI, 48227 MI	SHWS
Facility ID: 82007213 Site ID: 82007213 EPA ID: Location ID: 76113 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): 13849 Keal Street City (Map): Zip Code (Map): 48227 County (Map): Wayne Latitude (Map): 42.3699 Longitude (Map): -83.1806 Address (Web): 13849 Keal Street, MI, 48227 Address (Map): 13849 Keal Street Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source:		Fac Name (Web): 13849 Keal Street County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): 42.3699 Longitude (Web): -83.1806 MGR X: 0.0 MGR Y: 0.0 H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: Risks Not Determined H Ref Datum:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

61	1 of 1	WNW	0.57 / 3,018.24	617.83 / 7	9960 Freeland 9960 Freeland, Detroit, MI, 48227 MI	SHWS
Facility ID: 82003052 Site ID: 82003052 EPA ID: Location ID: 1640 Regulatory Program: 201 Source: Pollutants: Hrzaccms: 100 Scale No: 1:100 EGLE District: Warren Site Name (Map): 9960 Freeland		Fac Name (Web): 9960 Freeland County (Web): Wayne Township (Web): Detroit City (Web): Detroit Latitude (Web): 42.369044 Longitude (Web): -83.183448 MGR X: 0.0 MGR Y: 0.0 H Ref Moc: The geographic coordinate determination method based on interpolation-photo. House District: Lust Name:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Map):	Detroit				Project Manager: Tiernan, Gerald	
Zip Code (Map):	48227				Release Status:	
County (Map):	Wayne				Ref Desc:	
Latitude (Map):	42.369044				OS Descrip: Inactive - no actions taken to address contamination	
Longitude (Map):	-83.183448				H Ref Datum: North American Datum of 1983	
Address (Web):	9960 Freeland, Detroit, MI, 48227					
Address (Map):	9960 Freeland					
Risk Condition:	Risks Not Determined					
Senate District:						
US Congressional District:						
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

[62](#) 1 of 1 W 0.60 / 3,146.79 615.94 / 5 Former Zellerbach Paper 14451 W Chicago St Detroit MI 48228 BEA

Facility ID (Web):		Facility ID (Map):	00005928
Bea No (Web):	201104816LV	Bea No (Map):	201104816LV
Fac Name (Web):	Former Zellerbach Paper	Fac Name (Map):	Former Zellerbach Paper
Address (Web):	14451 West Chicago Street	Address (Map):	14451 W Chicago St
City (Web):		City (Map):	Detroit
Zip (Web):	48227	Zip (Map):	48228
County (Web):	Wayne	County (Map):	Wayne
Township (Web):	Detroit	Township (Map):	Detroit
District (Web):	Southeast MI	District (Map):	Southeast MI
Latitude (Web):		Latitude (Map):	42.36556657
Longitude (Web):		Longitude (Map):	-83.18568161
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:	Zellerbach Paper	Object ID:	14474
Source:	BEA	ID:	18035
Submitted:	West Chicago Development LLC		
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[63](#) 1 of 3 NW 0.60 / 3,179.57 619.55 / 9 13840 Keal St # 13830 Detroit MI 48227 BEA

Facility ID (Web):	82003108	Facility ID (Map):	
Bea No (Web):	200101331LV	Bea No (Map):	200101331LV
Fac Name (Web):		Fac Name (Map):	
Address (Web):	13840 & 13830 Keal Avenue	Address (Map):	13840 Keal St # 13830
City (Web):		City (Map):	Detroit
Zip (Web):	48227	Zip (Map):	48227
County (Web):	Wayne	County (Map):	Wayne
Township (Web):	Detroit	Township (Map):	Detroit
District (Web):	Southeast MI	District (Map):	Southeast MI
Latitude (Web):	42.37022	Latitude (Map):	42.36999656
Longitude (Web):	-83.18099	Longitude (Map):	-83.1805566
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	5984
Source:		ID:	484
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[63](#) 2 of 3 NW 0.60 / 3,179.57 619.55 / 9 13840 Keal St # 13830 Detroit MI 48227 BEA

Facility ID (Web):	82003108	Facility ID (Map):	
Bea No (Web):	200101332LV	Bea No (Map):	200101332LV

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web):				Fac Name (Map):		
Address (Web):		13840 & 13830 Keal Avenue		Address (Map):		13840 Keal St # 13830
City (Web):				City (Map):		Detroit
Zip (Web):		48227		Zip (Map):		48227
County (Web):		Wayne		County (Map):		Wayne
Township (Web):		Detroit		Township (Map):		Detroit
District (Web):		Southeast MI		District (Map):		Southeast MI
Latitude (Web):		42.37022		Latitude (Map):		42.36999656
Longitude (Web):		-83.18099		Longitude (Map):		-83.1805566
Data Source (Web):		BEA		Data Source (Map):		BEA
Accuracy:				Method of Collect:		Geocode
Facility 2:				Object ID:		5983
Source:				ID:		485
Submitted:						
Source:						

DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

63	3 of 3	NW	0.60 / 3,179.57	619.55 / 9	13840 Keal Street 13840 Keal Street, Detroit, MI, 48227 MI	SHWS
Facility ID:		82003108		Fac Name (Web):		13840 Keal Street
Site ID:		82003108		County (Web):		Wayne
EPA ID:				Township (Web):		Detroit
Location ID:		258		City (Web):		Detroit
Regulatory Program:		201		Latitude (Web):		42.37022
Source:				Longitude (Web):		-83.180994
Pollutants:				MGR X:		0.0
Hrzaccms:		100		MGR Y:		0.0
Scale No:		1:100		H Ref Moc:		The geographic coordinate determination method based on interpolation-photo.
EGLE District:		Warren		House District:		
Site Name (Map):		13840 Keal Street		Lust Name:		
City (Map):		Detroit		Project Manager:		Tiernan, Gerald
Zip Code (Map):		48227		Release Status:		
County (Map):		Wayne		Ref Desc:		
Latitude (Map):		42.37022		OS Descrip:		Inactive - no actions taken to address contamination
Longitude (Map):		-83.180994		H Ref Datum:		North American Datum of 1983
Address (Web):		13840 Keal Street, Detroit, MI, 48227				
Address (Map):		13840 Keal Street				
Risk Condition:		Risks Not Determined				
Senate District:						
US Congressional District:						
Data Source:						DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

64	1 of 1	WSW	0.61 / 3,194.75	609.88 / -1	14420 and 14400 Joy Road 14420 and 14400 Joy Road, MI, 48228 MI	SHWS
Facility ID:		82007245		Fac Name (Web):		14420 and 14400 Joy Road
Site ID:		82007245		County (Web):		Wayne
EPA ID:				Township (Web):		Detroit
Location ID:		76145		City (Web):		
Regulatory Program:		201		Latitude (Web):		42.3585
Source:				Longitude (Web):		-83.1848
Pollutants:				MGR X:		0.0
Hrzaccms:				MGR Y:		0.0
Scale No:				H Ref Moc:		
EGLE District:		Warren		House District:		
Site Name (Map):		14420 and 14400 Joy Road		Lust Name:		
City (Map):				Project Manager:		Owens, Paul
Zip Code (Map):		48228		Release Status:		
County (Map):		Wayne		Ref Desc:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Map):	42.3585				OS Descrip:	Risks Not Determined
Longitude (Map):	-83.1848				H Ref Datum:	
Address (Web):		14420 and 14400 Joy Road, MI, 48228				
Address (Map):		14420 and 14400 Joy Road				
Risk Condition:		Risks Not Determined				
Senate District:						
US Congressional District:						
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

65	1 of 1	WSW	0.61 / 3,214.70	610.08 / -1	14420 and 14400 Joy Road MI 48228	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):	200201749LV				Bea No (Map):	200201749LV
Fac Name (Web):					Fac Name (Map):	
Address (Web):	14420 and 14400 Joy Road				Address (Map):	14420 and 14400 Joy Road
City (Web):					City (Map):	
Zip (Web):	48228				Zip (Map):	48228
County (Web):	Wayne				County (Map):	Wayne
Township (Web):	Detroit				Township (Map):	Detroit
District (Web):	Southeast MI				District (Map):	Southeast MI
Latitude (Web):					Latitude (Map):	42.35845145
Longitude (Web):					Longitude (Map):	-83.18484777
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	Geocode
Facility 2:					Object ID:	6039
Source:					ID:	676
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

66	1 of 4	NNE	0.63 / 3,308.16	621.17 / 10	City of Detroit 12744 Elmira Street MI 48227	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):	201506399LV				Bea No (Map):	
Fac Name (Web):	City of Detroit				Fac Name (Map):	
Address (Web):	12744 Elmira Street				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48227				Zip (Map):	
County (Web):	Wayne				County (Map):	
Township (Web):	Detroit				Township (Map):	
District (Web):	Southeast MI				District (Map):	
Latitude (Web):					Latitude (Map):	
Longitude (Web):					Longitude (Map):	
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:						
Source:		DEQ Inventory of Facilities (Web)				

66	2 of 4	NNE	0.63 / 3,308.16	621.17 / 10	12744 Elmira Street 12744 Elmira Street Detroit MI 48227	BEA
Facility ID (Web):					Facility ID (Map):	82007152
Bea No (Web):					Bea No (Map):	B201506399LV
Fac Name (Web):					Fac Name (Map):	12744 Elmira Street
Address (Web):					Address (Map):	12744 Elmira Street
City (Web):					City (Map):	Detroit
Zip (Web):					Zip (Map):	48227

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:					County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.37095094 Longitude (Map): -83.16891577 Data Source (Map): Method of Collect: Object ID: 25551 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

66	3 of 4	NNE	0.63 / 3,308.16	621.17 / 10	City of Detroit 12744 Elmira Street Detroit MI 48227	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:					Facility ID (Map): Bea No (Map): 6399 Fac Name (Map): City of Detroit Address (Map): 12744 Elmira Street City (Map): Detroit Zip (Map): 48227 County (Map): Wayne Township (Map): District (Map): Southeast MI Latitude (Map): 42.37095132 Longitude (Map): -83.16889732 Data Source (Map): BEA Method of Collect: Geocode Object ID: 18250 ID:	BEA
DEQ Baseline Environmental Assessment Sites (Map)						

66	4 of 4	NNE	0.63 / 3,308.16	621.17 / 10	12744 Elmira Street 12744 Elmira Street, MI, 48227 MI	SHWS
Facility ID: 82007152 Site ID: EPA ID: Location ID: 76052 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 12744 Elmira Street, MI, 48227 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)					Fac Name (Web): 12744 Elmira Street County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:	

67	1 of 2	NW	0.65 / 3,410.38	619.16 / 8	13821 Elmira 13821 Elmira	DELISTED SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Detroit MI

Delisted Sites

Facility ID: 82003006 **County:** Wayne
Baseline Assess No: **Township:**
Data Source: Part 201 **District:** Southeast MI
Source: **Latitude:** 42.37085
Score Out of 48: **Longitude:** -83.18082
Score Date:
Overall Status:
Pollutant:
Original Source: SHWS
Record Date: 31-AUG-2020

67	2 of 2	NW	0.65 / 3,410.38	619.16 / 8	13821 ELMIRA 13821 ELMIRA DETROIT MI	DELISTED CONTAM
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Site ID: 82003006 **Lead Division:** Remediation and Redevelopment Division
Sid Facility ID: **District:** Southeast MI
Status Date: 4/15/2016 **County:** WAYNE
Os Description: Delisted - no longer meets criteria specified in rules

68	1 of 1	NNW	0.66 / 3,477.02	619.32 / 8	Schaefer Avenue Buildings 11416, 11426 Schafer Avenue, Detroit, MI, 48227 MI	SHWS
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Facility ID: 82001673 **Fac Name (Web):** Schaefer Avenue Buildings
Site ID: 82001673 **County (Web):** Wayne
EPA ID: **Township (Web):** Detroit
Location ID: 9623 **City (Web):** Detroit
Regulatory Program: 201 **Latitude (Web):** 42.372176
Source: **Longitude (Web):** -83.177756
Pollutants: **MGR X:** 732223.0
Hraccms: 15 **MGR Y:** 206362.2
Scale No: 24000 **H Ref Moc:** The geographic coordinate determination method based on interpolation-map. Karen Whitsett
EGLE District: Warren **House District:**
Site Name (Map): Schaefer Avenue Buildings **Lust Name:**
City (Map): Detroit **Project Manager:** Williams, Karen
Zip Code (Map): 48227 **Release Status:**
County (Map): Wayne **Ref Desc:** Center of a facility or station.
Latitude (Map): 42.372176 **OS Descrip:** Interim Response conducted - No further activities anticipated
Longitude (Map): -83.177756 **H Ref Datum:** North American Datum of 1983
Address (Web): 11416, 11426 Schafer Avenue, Detroit, MI, 48227
Address (Map): 11416, 11426 Schafer Avenue
Risk Condition: Risks Present but Not Immediate
Senate District: Sylvia Santana
US Congressional District: Rashida Tlaib
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

69	1 of 1	ENE	0.67 / 3,522.47	617.57 / 7	Willie James Curry 10300 W Chicago Detroit MI 482042659	DELISTED SHWS
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Delisted Part 201 Site List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:	82001808				Fac Name (Web): Willie James Curry	
Baseline Assess No:					Address (Web): 10300 W Chicago	
Site ID:	82001808				County (Web): Wayne	
Pollutants:					Township (Web): Detroit	
Site Name (Map):	Willie James Curry				City (Web): Detroit	
City (Map):					Zip (Web): 482042659	
County (Map):	Wayne				Latitude (Web): 42.15459	
Latitude (Map):	42.154594				Longitude (Web): -83.25309	
Longitude (Map):	-83.253086				Object ID: 10340	
H Ref Datum:	North American Datum of 1983				MGR X: 733577.1	
Hrzaccms:	15				MGR Y: 205717.3	
Scale No:	24,000					
District:		Southeast MI				
Ref Desc:		Center of a facility or station.				
H Ref Moc:		The geographic coordinate determination method based on interpolation-map.				
OS Descrip:		Evaluation conducted				
Address (Map):						
Zip Code (Map):						
Report Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
Source:		Refuse Systems				
Data Source:		Part 201				
Release Status:						
Risk Condition:						
EPA ID:						
House District:						
Location ID:						
Lust Name:						
Project Manager:						
Senate District:						
US Congressional District:						
Address Parsed:						
Original Source:		SHWS				
Record Date:		17-DEC-2020				

[70](#) 1 of 1 **NNW** 0.71 / 3,749.47 620.22 / 9 **Sayed Enterprises (former)** 13601 Plymouth Road (C-Store) MI 48227 **BEA**

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201305812LV	Bea No (Map):	201305812LV
Fac Name (Web):	Sayed Enterprises (former)	Fac Name (Map):	Marathon Gasoline Dispensing Station & 13601 Plymouth Rd # C
Address (Web):	13601 Plymouth Road (C-Store)	Address (Map):	
City (Web):		City (Map):	Detroit
Zip (Web):	48227	Zip (Map):	48227
County (Web):	Wayne	County (Map):	Wayne
Township (Web):	Detroit	Township (Map):	Detroit
District (Web):	Southeast MI	District (Map):	Southeast MI
Latitude (Web):		Latitude (Map):	42.37298173
Longitude (Web):		Longitude (Map):	-83.17812266
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	14828
Source:		ID:	23508
Submitted:			
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)	

[71](#) 1 of 2 **W** 0.71 / 3,751.26 614.66 / 4 **Franklin, Keith (former) Mobil Refrig.** 9151 Hubbell Street MI 48228 **BEA**

Facility ID (Web):		Facility ID (Map):	00033644
Bea No (Web):	201205334LV	Bea No (Map):	201205334LV
Fac Name (Web):	Franklin, Keith (former) Mobil Refrig.	Fac Name (Map):	Franklin, Keith (former) Mobil Refrig.
Address (Web):	9151 Hubbell Street	Address (Map):	9151 Hubbell St

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>City (Web):</i>					<i>City (Map):</i>	Detroit
<i>Zip (Web):</i>	48228				<i>Zip (Map):</i>	48228
<i>County (Web):</i>	Wayne				<i>County (Map):</i>	Wayne
<i>Township (Web):</i>	Detroit				<i>Township (Map):</i>	Detroit
<i>District (Web):</i>	Southeast MI				<i>District (Map):</i>	Southeast MI
<i>Latitude (Web):</i>					<i>Latitude (Map):</i>	42.36089763
<i>Longitude (Web):</i>					<i>Longitude (Map):</i>	-83.1874048
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i>	BEA
<i>Accuracy:</i>					<i>Method of Collect:</i>	Geocode
<i>Facility 2:</i>	Mobil Refrigeration				<i>Object ID:</i>	14483
<i>Source:</i>	BEA				<i>ID:</i>	18211
<i>Submitted:</i>		R.H. Holdings, LLC				
<i>Source:</i>		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

71	2 of 2	W	0.71 / 3,751.26	614.66 / 4	9151 Hubbell Street 9151 Hubbell Street, MI, 48228 MI	SHWS
<i>Facility ID:</i>	82008234				<i>Fac Name (Web):</i>	9151 Hubbell Street
<i>Site ID:</i>	82008234				<i>County (Web):</i>	Wayne
<i>EPA ID:</i>					<i>Township (Web):</i>	Detroit
<i>Location ID:</i>	77134				<i>City (Web):</i>	
<i>Regulatory Program:</i>	201				<i>Latitude (Web):</i>	42.3609
<i>Source:</i>					<i>Longitude (Web):</i>	-83.1874
<i>Pollutants:</i>					<i>MGR X:</i>	0.0
<i>Hrzaccms:</i>					<i>MGR Y:</i>	0.0
<i>Scale No:</i>					<i>H Ref Moc:</i>	
<i>EGLE District:</i>	Warren				<i>House District:</i>	
<i>Site Name (Map):</i>	9151 Hubbell Street				<i>Lust Name:</i>	
<i>City (Map):</i>					<i>Project Manager:</i>	Owens, Paul
<i>Zip Code (Map):</i>	48228				<i>Release Status:</i>	
<i>County (Map):</i>	Wayne				<i>Ref Desc:</i>	
<i>Latitude (Map):</i>	42.3609				<i>OS Descrip:</i>	Risks Not Determined
<i>Longitude (Map):</i>	-83.1874				<i>H Ref Datum:</i>	
<i>Address (Web):</i>	9151 Hubbell Street, MI, 48228					
<i>Address (Map):</i>	9151 Hubbell Street					
<i>Risk Condition:</i>	Risks Not Determined					
<i>Senate District:</i>						
<i>US Congressional District:</i>						
<i>Data Source:</i>	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

72	1 of 1	NNW	0.73 / 3,880.57	621.06 / 10	Marathon Gasoline Station 11611 Schaefer Highway MI 48227	BEA
<i>Facility ID (Web):</i>					<i>Facility ID (Map):</i>	00034144
<i>Bea No (Web):</i>	200402562LV				<i>Bea No (Map):</i>	200402562LV
<i>Fac Name (Web):</i>	Marathon Gasoline Station				<i>Fac Name (Map):</i>	Marathon Gasoline Station
<i>Address (Web):</i>	11611 Schaefer Highway				<i>Address (Map):</i>	11611 Schaefer Hwy
<i>City (Web):</i>					<i>City (Map):</i>	Detroit
<i>Zip (Web):</i>	48227				<i>Zip (Map):</i>	48227
<i>County (Web):</i>	Wayne				<i>County (Map):</i>	Wayne
<i>Township (Web):</i>	Detroit				<i>Township (Map):</i>	Detroit
<i>District (Web):</i>	Southeast MI				<i>District (Map):</i>	Southeast MI
<i>Latitude (Web):</i>					<i>Latitude (Map):</i>	42.37314264
<i>Longitude (Web):</i>					<i>Longitude (Map):</i>	-83.17807083
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i>	BEA
<i>Accuracy:</i>					<i>Method of Collect:</i>	Geocode
<i>Facility 2:</i>	Al & Red				<i>Object ID:</i>	14830
<i>Source:</i>	BEA				<i>ID:</i>	23512
<i>Submitted:</i>		Soma Jasel, Inc.				
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
73	1 of 2	SSW	0.76 / 4,002.54	608.77 / -2	GM Warehouse (former) 8063 Decatur Street MI	BEA
Facility ID (Web): Bea No (Web): 200201882LV Fac Name (Web): GM Warehouse (former) Address (Web): 8063 Decatur Street City (Web): Zip (Web): County (Web): Wayne Township (Web): Detroit City District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200201882LV Fac Name (Map): GM Warehouse (former) Address (Map): 8063 Decatur Street City (Map): Zip (Map): County (Map): Wayne Township (Map): Detroit City District (Map): Southeast MI Latitude (Map): 42.35224831 Longitude (Map): -83.17969071 Data Source (Map): BEA Method of Collect: Geocode Object ID: 14530 ID: 18939		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

73	2 of 2	SSW	0.76 / 4,002.54	608.77 / -2	8063 Decatur Street 8063 Decatur Street, MI, 48933 MI	SHWS
Facility ID: 82008175 Site ID: EPA ID: Location ID: 77075 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 8063 Decatur Street, MI, 48933 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)		Fac Name (Web): 8063 Decatur Street County (Web): Wayne Township (Web): Detroit City City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:				

74	1 of 1	W	0.77 / 4,042.39	615.81 / 5	Detroit Multi-Site (14738 W. Chicago) 14738 W. Chicago, Detroit, MI, 48228 MI	SHWS
Facility ID: 82003153 Site ID: 82003153 EPA ID: Location ID: 4000 Regulatory Program: 201 Source: Pollutants: Hrzaccms: 10 Scale No: 10		Fac Name (Web): Detroit Multi-Site (14738 W. Chicago) County (Web): Wayne Township (Web): Detroit City (Web): Detroit Latitude (Web): 42.365788 Longitude (Web): -83.1892442 MGR X: 0.0 MGR Y: 0.0 H Ref Moc: The geographic coordinate determination method based on interpolation-map.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EGLE District: Site Name (Map): Warren City (Map): Detroit Multi-Site (14738 W. Chicago) Zip Code (Map): Detroit County (Map): 48228 Latitude (Map): Wayne 42.365788 Longitude (Map): -83.1892442 Address (Web): 14738 W. Chicago, Detroit, MI, 48228 Address (Map): 14738 W. Chicago Risk Condition: Risks Present but Not Immediate Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		House District: Lust Name: Project Manager: Thornton, Patricia Release Status: Ref Desc: Center of a facility or station. OS Descrip: Interim Response conducted - No further activities anticipated H Ref Datum: North American Datum of 1983				

[75](#) 1 of 2 NW 0.77 / 4,083.32 620.16 / 9 13777 Plymouth 13777 Plymouth Detroit MI **DELISTED SHWS**

Delisted Sites

Facility ID: 82002979	County: Wayne
Baseline Assess No:	Township:
Data Source: Part 201	District: Southeast MI
Source:	Latitude: 42.37251
Score Out of 48:	Longitude: -83.18180
Score Date:	
Overall Status:	
Pollutant:	
Original Source: SHWS	
Record Date: 31-AUG-2020	

[75](#) 2 of 2 NW 0.77 / 4,083.32 620.16 / 9 13777 PLYMOUTH 13777 PLYMOUTH DETROIT MI **DELISTED CONTAM**

Site ID: 82002979	Lead Division: Remediation and Redevelopment Division
Sid Facility ID:	District: Southeast MI
Status Date: 7/6/2016	County: WAYNE
Os Description: Delisted - no longer meets criteria specified in rules	

[76](#) 1 of 4 WNW 0.80 / 4,203.50 617.24 / 6 Ford Vacant Land 9663 Marlowe Street MI 48227 **BEA**

Facility ID (Web):	Facility ID (Map):
Bea No (Web): 201506588LV	Bea No (Map):
Fac Name (Web): Ford Vacant Land	Fac Name (Map):
Address (Web): 9663 Marlowe Street	Address (Map):
City (Web):	City (Map):
Zip (Web): 48227	Zip (Map):
County (Web): Wayne	County (Map):
Township (Web): Detroit	Township (Map):
District (Web): Southeast MI	District (Map):
Latitude (Web):	Latitude (Map):
Longitude (Web):	Longitude (Map):
Data Source (Web): BEA	Data Source (Map):
Accuracy:	Method of Collect:
Facility 2:	Object ID:
Source:	ID:
Submitted:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source:		DEQ Inventory of Facilities (Web)				
76	2 of 4	WNW	0.80 / 4,203.50	617.24 / 6	Ford Vacant Land 9663 Marlowe Street Detroit MI 48227	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 6588 Fac Name (Map): Ford Vacant Land Address (Map): 9663 Marlowe Street City (Map): Detroit Zip (Map): 48227 County (Map): Wayne Township (Map): District (Map): Southeast MI Latitude (Map): 42.36659866 Longitude (Map): -83.1888148 Data Source (Map): BEA Method of Collect: Geocode Object ID: 18251 ID:				
BEA		DEQ Baseline Environmental Assessment Sites (Map)				
76	3 of 4	WNW	0.80 / 4,203.50	617.24 / 6	9663 Marlowe Street 9663 Marlowe Street Detroit MI 48227	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): 82008254 Bea No (Map): B201506588LV Fac Name (Map): 9663 Marlowe Street Address (Map): 9663 Marlowe Street City (Map): Detroit Zip (Map): 48227 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.36658019 Longitude (Map): -83.18881417 Data Source (Map): Method of Collect: Object ID: 26054 ID:				
BEA		DEQ Baseline Environmental Assessment Sites (Map)				
76	4 of 4	WNW	0.80 / 4,203.50	617.24 / 6	9663 Marlowe Street 9663 Marlowe Street, MI, 48227 MI	SHWS
Facility ID: 82008254 Site ID: EPA ID: Location ID: 77154 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map):		Fac Name (Web): 9663 Marlowe Street County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Map): Latitude (Map): Longitude (Map): Address (Web): 9663 Marlowe Street, MI, 48227 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)					Ref Desc: OS Descrip: H Ref Datum:	

77	1 of 1	W	0.83 / 4,364.86	614.58 / 4	9301 & 9165 Hubbell and 9216 Robson 9301 & 9165 Hubbell and 9216 Robson, MI, 48228 MI	SHWS
Facility ID: 82008242 Site ID: EPA ID: Location ID: 77142 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 9301 & 9165 Hubbell and 9216 Robson, MI, 48228 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)					Fac Name (Web): 9301 & 9165 Hubbell and 9216 Robson County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:	

78	1 of 1	SSW	0.86 / 4,522.08	606.50 / -4	Sharon Steel 7701 & 7951 Maple, Dearborn, MI, 48228 MI	SHWS
Facility ID: 82001672 Site ID: 82001672 EPA ID: Location ID: 9732 Regulatory Program: 201 Source: Steel Foundries Pollutants: Hrzaccms: 15 Scale No: 24,000 EGLE District: Warren Site Name (Map): Sharon Steel City (Map): Dearborn Zip Code (Map): 48228 County (Map): Wayne Latitude (Map): 42.350094 Longitude (Map): -83.180292 Address (Web): 7701 & 7951 Maple, Dearborn, MI, 48228 Address (Map): 7701 & 7951 Maple Risk Condition: Risks Present but Not Immediate					Fac Name (Web): Sharon Steel County (Web): Wayne Township (Web): Dearborn City (Web): Dearborn Latitude (Web): 42.350094 Longitude (Web): -83.180292 MGR X: 732195.5 MGR Y: 203728.4 H Ref Moc: The geographic coordinate determination method based on interpolation-map. House District: Abdullah Hammoud Lust Name: Project Manager: Schlaufman, Jeanne Release Status: Ref Desc: Center of a facility or station. OS Descrip: Interim Response conducted - No further activities anticipated H Ref Datum: North American Datum of 1983	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Senate District:		Sylvia Santana				
US Congressional District:		Debbie Dingell				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

79	1 of 2	ESE	0.86 / 4,539.16	610.18 / -1	Speedy Gas Property 8820 Wyoming Street MI 48204	BEA
Facility ID (Web):		Facility ID (Map): 00005420				
Bea No (Web): 201004508LV		Bea No (Map): 201004508LV				
Fac Name (Web): Speedy Gas Property		Fac Name (Map): Speedy Gas Property				
Address (Web): 8820 Wyoming Street		Address (Map): 8820 Wyoming St				
City (Web):		City (Map): Detroit				
Zip (Web): 48204		Zip (Map): 48204				
County (Web): Wayne		County (Map): Wayne				
Township (Web): Detroit		Township (Map): Detroit				
District (Web): Southeast MI		District (Map): Southeast MI				
Latitude (Web):		Latitude (Map): 42.35918875				
Longitude (Web):		Longitude (Map): -83.15789693				
Data Source (Web): BEA		Data Source (Map): BEA				
Accuracy:		Method of Collect: Geocode				
Facility 2: J & W Gas & More Inc		Object ID: 15219				
Source: BEA		ID: 30463				
Submitted:		8820 Wyoming Properties, LLC				
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

79	2 of 2	ESE	0.86 / 4,539.16	610.18 / -1	Speedy Gas Property 8820 Wyoming Street MI 48204	BEA
Facility ID (Web):		Facility ID (Map): 00005420				
Bea No (Web): 201004509LV		Bea No (Map): 201004509LV				
Fac Name (Web): Speedy Gas Property		Fac Name (Map): Speedy Gas Property				
Address (Web): 8820 Wyoming Street		Address (Map): 8820 Wyoming St				
City (Web):		City (Map): Detroit				
Zip (Web): 48204		Zip (Map): 48204				
County (Web): Wayne		County (Map): Wayne				
Township (Web): Detroit		Township (Map): Detroit				
District (Web): Southeast MI		District (Map): Southeast MI				
Latitude (Web):		Latitude (Map): 42.35918875				
Longitude (Web):		Longitude (Map): -83.15789693				
Data Source (Web): BEA		Data Source (Map): BEA				
Accuracy:		Method of Collect: Geocode				
Facility 2: J & W Gas & More Inc		Object ID: 15220				
Source: BEA		ID: 30464				
Submitted:		J & W Gas & More, Inc.				
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

80	1 of 3	ESE	0.88 / 4,634.07	610.21 / -1	Lance's Hometown Market 8656 Wyoming Avenue Detroit MI 48204	BEA
Facility ID (Web):		Facility ID (Map): 82002929				
Bea No (Web):		Bea No (Map): 6613				
Fac Name (Web):		Fac Name (Map): Lance's Hometown Market				
Address (Web):		Address (Map): 8656 Wyoming Avenue				
City (Web):		City (Map): Detroit				
Zip (Web):		Zip (Map): 48204				
County (Web):		County (Map): Oakland				
Township (Web):		Township (Map):				
District (Web):		District (Map): Southeast MI				
Latitude (Web):		Latitude (Map): 42.35777524				
Longitude (Web):		Longitude (Map): -83.15769961				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Data Source (Web):</i>				<i>Data Source (Map):</i> BEA		
<i>Accuracy:</i>				<i>Method of Collect:</i> Geocode		
<i>Facility 2:</i>				<i>Object ID:</i> 17411		
<i>Source:</i> BEA				<i>ID:</i> 82002929		
<i>Submitted:</i>		DEQ Baseline Environmental Assessment Sites (Map)				
<i>Source:</i>						

80	2 of 3	ESE	0.88 / 4,634.07	610.21 / -1	Lance's Hometown Market 8656 Wyoming Avenue Detroit MI 48204	BEA
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<i>Facility ID (Web):</i>				<i>Facility ID (Map):</i> 82002929		
<i>Bea No (Web):</i>				<i>Bea No (Map):</i> B201506613LV		
<i>Fac Name (Web):</i>				<i>Fac Name (Map):</i> Lance's Hometown Market		
<i>Address (Web):</i>				<i>Address (Map):</i> 8656 Wyoming Avenue		
<i>City (Web):</i>				<i>City (Map):</i> Detroit		
<i>Zip (Web):</i>				<i>Zip (Map):</i> 48204		
<i>County (Web):</i>				<i>County (Map):</i> Wayne		
<i>Township (Web):</i>				<i>Township (Map):</i> Detroit		
<i>District (Web):</i>				<i>District (Map):</i> Southeast MI		
<i>Latitude (Web):</i>				<i>Latitude (Map):</i> 42.35872		
<i>Longitude (Web):</i>				<i>Longitude (Map):</i> -83.157113		
<i>Data Source (Web):</i>				<i>Data Source (Map):</i>		
<i>Accuracy:</i>				<i>Method of Collect:</i>		
<i>Facility 2:</i>				<i>Object ID:</i> 21243		
<i>Source:</i>				<i>ID:</i>		
<i>Submitted:</i>		DEQ Baseline Environmental Assessment Sites (Map)				
<i>Source:</i>						

80	3 of 3	ESE	0.88 / 4,634.07	610.21 / -1	Lance's Hometown Market 8656 Wyoming Avenue Detroit MI 48204	BEA
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<i>Facility ID (Web):</i>				<i>Facility ID (Map):</i> 82002929		
<i>Bea No (Web):</i>				<i>Bea No (Map):</i> 6613		
<i>Fac Name (Web):</i>				<i>Fac Name (Map):</i> Lance's Hometown Market		
<i>Address (Web):</i>				<i>Address (Map):</i> 8656 Wyoming Avenue		
<i>City (Web):</i>				<i>City (Map):</i> Detroit		
<i>Zip (Web):</i>				<i>Zip (Map):</i> 48204		
<i>County (Web):</i>				<i>County (Map):</i> Oakland		
<i>Township (Web):</i>				<i>Township (Map):</i>		
<i>District (Web):</i>				<i>District (Map):</i> Southeast MI		
<i>Latitude (Web):</i>				<i>Latitude (Map):</i> 42.35777524		
<i>Longitude (Web):</i>				<i>Longitude (Map):</i> -83.15769961		
<i>Data Source (Web):</i>				<i>Data Source (Map):</i> BEA		
<i>Accuracy:</i>				<i>Method of Collect:</i> Geocode		
<i>Facility 2:</i>				<i>Object ID:</i> 17919		
<i>Source:</i> BEA				<i>ID:</i>		
<i>Submitted:</i>		DEQ Baseline Environmental Assessment Sites (Map)				
<i>Source:</i>						

81	1 of 2	N	0.88 / 4,650.90	625.49 / 15	12920 Wadsworth Avenue 12920 Wadsworth Avenue Detroit MI 48227	BEA
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<i>Facility ID (Web):</i>				<i>Facility ID (Map):</i> 82007161	
<i>Bea No (Web):</i>				<i>Bea No (Map):</i> B201506582LV	
<i>Fac Name (Web):</i>				<i>Fac Name (Map):</i> 12920 Wadsworth Avenue	
<i>Address (Web):</i>				<i>Address (Map):</i> 12920 Wadsworth Avenue	
<i>City (Web):</i>				<i>City (Map):</i> Detroit	
<i>Zip (Web):</i>				<i>Zip (Map):</i> 48227	
<i>County (Web):</i>				<i>County (Map):</i> Wayne	
<i>Township (Web):</i>				<i>Township (Map):</i> Detroit	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		Southeast MI 42.37568817 -83.17098186 25559
DEQ Baseline Environmental Assessment Sites (Map)						

81	2 of 2	N	0.88 / 4,650.90	625.49 / 15	Oakman Elementary School 12920 Wadsworth Avenue Detroit MI 48227	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		6582 Oakman Elementary School 12920 Wadsworth Avenue Detroit 48227 Wayne Southeast MI 42.37568775 -83.17101117 BEA Geocode 18255
		BEA	DEQ Baseline Environmental Assessment Sites (Map)			

82	1 of 1	ESE	0.88 / 4,664.47	610.14 / -1	Lance's Hometown Market 8656 Wyoming Avenue, Detroit, MI, 48204	SHWS
Facility ID: Site ID: EPA ID: Location ID: Regulatory Program: Source: Pollutants: Hrzaccms: Scale No: EGLE District: Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): Address (Map): Risk Condition: Senate District: US Congressional District: Data Source:		82002929 82002929 6783 201 100 1:100 Warren Lance's Hometown Market Detroit 48204 Wayne 42.35872 -83.157113 8656 Wyoming Avenue, Detroit, MI, 48204 8656 Wyoming Avenue Risks Not Determined Stephanie Chang Rashida Tlaib DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		Fac Name (Web): County (Web): Township (Web): City (Web): Latitude (Web): Longitude (Web): MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Release Status: Ref Desc: OS Descrip: H Ref Datum:		Lance's Hometown Market Wayne Detroit Detroit 42.35872 -83.157113 0.0 0.0 The geographic coordinate determination method based on interpolation-photo. Cynthia Johnson Schlaufman, Jeanne Evaluation in progress North American Datum of 1983

83	1 of 1	ESE	0.89 / 4,673.13	610.48 / 0	Wyoming Property Management, LLC	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8949 Joy Road, Detroit, MI, 48204 MI						
Facility ID:	82001910				Fac Name (Web): Wyoming Property Management, LLC	
Site ID:	82001910				County (Web): Wayne	
EPA ID:					Township (Web): Detroit	
Location ID:	11604				City (Web): Detroit	
Regulatory Program:	201				Latitude (Web): 42.358638	
Source:					Longitude (Web): -83.1575539	
Pollutants:					MGR X: 0.0	
Hrzaccms:	10				MGR Y: 0.0	
Scale No:	1:24,000				H Ref Moc: The geographic coordinate determination method based on interpolation-map.	
EGLE District:	Warren				House District: Tullio Liberati	
Site Name (Map):	Wyoming Property Management, LLC				Lust Name:	
City (Map):	Detroit				Project Manager: Schlaufman, Jeanne	
Zip Code (Map):	48204				Release Status:	
County (Map):	Wayne				Ref Desc:	
Latitude (Map):	42.358638				OS Descrip: Evaluation in progress	
Longitude (Map):	-83.1575539				H Ref Datum: North American Datum of 1983	
Address (Web):	8949 Joy Road, Detroit, MI, 48204					
Address (Map):	8949 Joy Road					
Risk Condition:	Risks Not Determined					
Senate District:	Sylvia Santana					
US Congressional District:	Rashida Tlaib					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

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1 of 1

NNE

0.89 /
4,693.66

626.16 /
15

12920 Wadsworth Avenue
12920 Wadsworth Avenue, MI,
48227
MI

SHWS

Facility ID:	82007161				Fac Name (Web): 12920 Wadsworth Avenue	
Site ID:					County (Web): Wayne	
EPA ID:					Township (Web): Detroit	
Location ID:	76061				City (Web):	
Regulatory Program:	201				Latitude (Web): NaN	
Source:					Longitude (Web): NaN	
Pollutants:					MGR X:	
Hrzaccms:					MGR Y:	
Scale No:					H Ref Moc:	
EGLE District:	Warren				House District:	
Site Name (Map):					Lust Name:	
City (Map):					Project Manager: Owens, Paul	
Zip Code (Map):					Release Status:	
County (Map):					Ref Desc:	
Latitude (Map):					OS Descrip:	
Longitude (Map):					H Ref Datum:	
Address (Web):	12920 Wadsworth Avenue, MI, 48227					
Address (Map):						
Risk Condition:	Risks Not Determined					
Senate District:						
US Congressional District:						
Data Source:	DEQ Inventory of Facilities (Web)					

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1 of 1

ESE

0.91 /
4,818.20

610.54 /
0

Lance's Hometown Market
8656 Wyoming Avenue
MI 48204

BEA

Facility ID (Web):	82002929				Facility ID (Map):	
Bea No (Web):	201506613LV				Bea No (Map):	
Fac Name (Web):	Lance's Hometown Market				Fac Name (Map):	
Address (Web):	8656 Wyoming Avenue				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48204				Zip (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Web): Oakland Township (Web): Detroit District (Web): Southeast MI Latitude (Web): 42.35872 Longitude (Web): -83.15711 Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)					County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	

86	1 of 1	SSW	0.93 / 4,890.89	605.37 / -6	SHARON STEEL (FORMER) 7701 & 7951 MAPLE MI	BEA
Facility ID (Web): 82001672 Bea No (Web): 199900859LV Fac Name (Web): SHARON STEEL (FORMER) Address (Web): 7701 & 7951 MAPLE City (Web): Zip (Web): County (Web): Wayne Township (Web): Dearborn District (Web): Southeast MI Latitude (Web): 42.35009 Longitude (Web): -83.18029 Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)					Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	

87	1 of 1	NE	0.95 / 4,998.65	624.56 / 14	10310-10320 Plymouth Road 10310-10320 Plymouth Road, MI, 48204 MI	SHWS
Facility ID: 82007049 Site ID: EPA ID: Location ID: 75949 Regulatory Program: 201 Source: Pollutants: Hrzaccms: Scale No: EGLE District: Warren Site Name (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): Address (Web): 10310-10320 Plymouth Road, MI, 48204 Address (Map): Risk Condition: Risks Not Determined Senate District: US Congressional District: Data Source: DEQ Inventory of Facilities (Web)					Fac Name (Web): 10310-10320 Plymouth Road County (Web): Wayne Township (Web): Detroit City (Web): Latitude (Web): NaN Longitude (Web): NaN MGR X: MGR Y: H Ref Moc: House District: Lust Name: Project Manager: Owens, Paul Release Status: Ref Desc: OS Descrip: H Ref Datum:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	1 of 1	NE	0.95 / 5,007.75	624.45 / 14	Shop-A-Lot Food Store 10310 Plymouth Rd # 10320 Detroit MI 48204	BEA
Facility ID (Web): Bea No (Web): 200603156LV Fac Name (Web): Shop-A-Lot Food Store Address (Web): 10310-10320 Plymouth Road City (Web): Zip (Web): 48204 County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200603156LV Fac Name (Map): Shop-A-Lot Food Store Address (Map): 10310 Plymouth Rd # 10320 City (Map): Detroit Zip (Map): 48204 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.37346766 Longitude (Map): -83.16215756 Data Source (Map): BEA Method of Collect: Geocode Object ID: 15177 ID: 29763		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

89	1 of 2	NW	0.95 / 5,023.83	623.94 / 13	AMC Property/Chrysler Jeep & Truck Engineering - Former 14250 Plymouth Road, Detroit, MI, 48227 MI	SHWS
Facility ID: 82001606 Site ID: 82001606 EPA ID: Location ID: 3197 Regulatory Program: 201 Source: Pollutants: Hrzaccms: 15 Scale No: 24000 EGLE District: Warren Site Name (Map): Former AMC Property/Chrysler Jeep & Truc City (Map): Detroit Zip Code (Map): 48227 County (Map): Wayne Latitude (Map): 42.375372 Longitude (Map): -83.184513 Address (Web): 14250 Plymouth Road, Detroit, MI, 48227 Address (Map): 14250 PLYMOUTH ROAD Risk Condition: Risks Present but Not Immediate Senate District: Sylvia Santana US Congressional District: Rashida Tlaib Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		Fac Name (Web): AMC Property/Chrysler Jeep & Truck Engineering - Former County (Web): Wayne Township (Web): City (Web): Detroit Latitude (Web): 42.37537866 Longitude (Web): -83.18449861 MGR X: 731654.8 MGR Y: 206697.5 H Ref Moc: The geographic coordinate determination method based on interpolation-map. House District: Karen Whitsett Lust Name: Project Manager: Schlaufman, Jeanne Release Status: Ref Desc: Center of a facility or station. OS Descrip: Risks Present but not Immediate H Ref Datum: North American Datum of 1983				

89	2 of 2	NW	0.95 / 5,023.83	623.94 / 13	Former AMC Property/Chrysler Jeep & Truck Engineering 14250 PLYMOUTH ROAD Detroit MI 48227	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web):		Facility ID (Map): 82001606 Bea No (Map): 82001606-BEA-1 Fac Name (Map): Former AMC Property/Chrysler Jeep & Truck Engineering				
Address (Web): City (Web): Zip (Web): County (Web):		Address (Map): 14250 PLYMOUTH ROAD City (Map): Detroit Zip (Map): 48227 County (Map): Wayne				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.375372 Longitude (Map): -83.184513 Data Source (Map): Method of Collect: Object ID: 21371 ID:		
DEQ Baseline Environmental Assessment Sites (Map)						

90	1 of 4	WSW	0.98 / 5,198.03	614.59 / 4	Parkman Elementary 15000 Mackenzie Street MI 48228	BEA
Facility ID (Web): Bea No (Web): 201506584LV Fac Name (Web): Parkman Elementary Address (Web): 15000 Mackenzie Street City (Web): Zip (Web): 48228 County (Web): Wayne Township (Web): Detroit District (Web): Southeast MI Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:				Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		
DEQ Inventory of Facilities (Web)						

90	2 of 4	WSW	0.98 / 5,198.03	614.59 / 4	15000 Mackenzie Street 15000 Mackenzie Street Detroit MI 48228	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Facility ID (Map): 82007275 Bea No (Map): B201506584LV Fac Name (Map): 15000 Mackenzie Street Address (Map): 15000 Mackenzie Street City (Map): Detroit Zip (Map): 48228 County (Map): Wayne Township (Map): Detroit District (Map): Southeast MI Latitude (Map): 42.356018 Longitude (Map): -83.19154862 Data Source (Map): Method of Collect: Object ID: 25610 ID:		
DEQ Baseline Environmental Assessment Sites (Map)						

90	3 of 4	WSW	0.98 / 5,198.03	614.59 / 4	Parkman Elementary 15000 Mackenzie Street Detroit MI 48228	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web):				Facility ID (Map): Bea No (Map): 6584 Fac Name (Map): Parkman Elementary Address (Map): 15000 Mackenzie Street		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Web):					City (Map):	Detroit
Zip (Web):					Zip (Map):	48228
County (Web):					County (Map):	Wayne
Township (Web):					Township (Map):	
District (Web):					District (Map):	Southeast MI
Latitude (Web):					Latitude (Map):	42.35601701
Longitude (Web):					Longitude (Map):	-83.19159242
Data Source (Web):					Data Source (Map):	BEA
Accuracy:					Method of Collect:	Geocode
Facility 2:	BEA				Object ID:	18259
Source:					ID:	
Submitted:						
Source:		DEQ Baseline Environmental Assessment Sites (Map)				

90	4 of 4	WSW	0.98 / 5,198.03	614.59 / 4	15000 Mackenzie Street 15000 Mackenzie Street, MI, 48228 MI	SHWS
Facility ID:	82007275				Fac Name (Web):	15000 Mackenzie Street
Site ID:					County (Web):	Wayne
EPA ID:					Township (Web):	Detroit
Location ID:	76175				City (Web):	
Regulatory Program:	201				Latitude (Web):	NaN
Source:					Longitude (Web):	NaN
Pollutants:					MGR X:	
Hrzaccms:					MGR Y:	
Scale No:					H Ref Moc:	
EGLE District:	Warren				House District:	
Site Name (Map):					Lust Name:	
City (Map):					Project Manager:	Owens, Paul
Zip Code (Map):					Release Status:	
County (Map):					Ref Desc:	
Latitude (Map):					OS Descrip:	
Longitude (Map):					H Ref Datum:	
Address (Web):	15000 Mackenzie Street, MI, 48228					
Address (Map):						
Risk Condition:	Risks Not Determined					
Senate District:						
US Congressional District:						
Data Source:	DEQ Inventory of Facilities (Web)					

Unplottable Summary

Total: 5 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
BEA	Rail Swap Property at the Corner of	Wyoming Avenue & Blesser Avenue associated with 6837 Wyoming Avenue	MI	48126	861295698
BEA	5A-S of Constance, W of Grandmont, N of	Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Clayburn	MI	48228	858481193
DELISTED SHWS	Schaefer Road	Schaefer Road	Detroit MI		845744385
SHWS	Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Claybur	Belton, E of Memorial - 5B-S of Belton, , W of Abington, N of Tireman & E Claybur, MI, 48228	MI		891616454
WASTE	CONSOLIDATED RAIL CORPORATION	MELLON ST CROSSING S OF S SCHAEFER HWY	DETROIT MI	48217	858758493

Unplottable Report

Site: *Rail Swap Property at the Corner of Wyoming Avenue & Blesser Avenue associated with 6837 Wyoming Avenue MI 48126*

BEA

Facility ID (Web):
Bea No (Web): 201707548LV
Fac Name (Web): Rail Swap Property at the Corner of Wyoming Avenue & Blesser Avenue
Address (Web): associated with 6837 Wyoming Avenue

Facility ID (Map):
Bea No (Map):
Fac Name (Map):
Address (Map):

City (Web):
Zip (Web): 48126
County (Web): Wayne
Township (Web): Dearborn
District (Web): Southeast MI

City (Map):
Zip (Map):
County (Map):
Township (Map):
District (Map):
Latitude (Map):
Longitude (Map):
Data Source (Map):
Method of Collect:
Object ID:
ID:

Latitude (Web):
Longitude (Web):
Data Source (Web): BEA
Accuracy:
Facility 2:
Source:
Submitted:
Source: DEQ Inventory of Facilities (Web)

Site: *5A-S of Constance, W of Grandmont, N of Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Clayburn MI 48228*

BEA

Facility ID (Web):
Bea No (Web): 201607362LV
Fac Name (Web): 5A-S of Constance, W of Grandmont, N of Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Clayburn
Address (Web):

Facility ID (Map):
Bea No (Map):
Fac Name (Map):
Address (Map):

City (Web):
Zip (Web): 48228
County (Web): Wayne
Township (Web): Detroit
District (Web): Southeast MI

City (Map):
Zip (Map):
County (Map):
Township (Map):
District (Map):
Latitude (Map):
Longitude (Map):
Data Source (Map):
Method of Collect:
Object ID:
ID:

Latitude (Web):
Longitude (Web):
Data Source (Web): BEA
Accuracy:
Facility 2:
Source:
Submitted:
Source: DEQ Inventory of Facilities (Web)

Site: *Schaefer Road Schaefer Road Detroit MI*

DELISTED SHWS

Delisted Sites

Facility ID: 82003049
Baseline Assess No:
Data Source: Part 201
Source:
Score Out of 48:
Score Date:
Overall Status:

County: Wayne
Township: Detroit
District: Southeast MI
Latitude:
Longitude:

Pollutant:
Original Source: SHWS
Record Date: 09-JAN-2018

Site: **Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Claybur**
Belton, E of Memorial - 5B-S of Belton, , W of Abington, N of Tireman & E Claybur, MI, 48228 MI SHWS

Facility ID:	82008265	Fac Name (Web):	Belton, E of Memorial - 5B-S of Belton, W of Abington, N of Tireman & E Claybur
Site ID:		County (Web):	Wayne
EPA ID:		Township (Web):	Detroit
Location ID:	77165	City (Web):	
Regulatory Program:	201	Latitude (Web):	NaN
Source:		Longitude (Web):	NaN
Pollutants:		MGR X:	
Hzaccms:		MGR Y:	
Scale No:		H Ref Moc:	
EGLE District:	Warren	House District:	
Site Name (Map):		Lust Name:	
City (Map):		Project Manager:	Owens, Paul
Zip Code (Map):		Release Status:	
County (Map):		Ref Desc:	
Latitude (Map):		OS Descrip:	
Longitude (Map):		H Ref Datum:	
Address (Web):	Belton, E of Memorial - 5B-S of Belton, , W of Abington, N of Tireman & E Claybur, MI, 48228		
Address (Map):			
Risk Condition:	Risks Not Determined		
Senate District:			
US Congressional District:			
Data Source:	DEQ Inventory of Facilities (Web)		

Site: **CONSOLIDATED RAIL CORPORATION**
MELLON ST CROSSING S OF S SCHAEFER HWY DETROIT MI 48217 WASTE

Site ID:	MIK943693499	Legal Name:	CONSOLIDATED RAIL CORPORATION
WDS ID:	488034	County:	WAYNE

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Dec 30, 2021

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Dec 30, 2021

Deleted NPL:

DELETED NPL

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.

Government Publication Date: Dec 30, 2021

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Dec 30, 2021

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:[SEMS ARCHIVE](#)

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Dec 30, 2021

Comprehensive Environmental Response, Compensation and Liability Information System -[CERCLIS](#)**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:[RCRA CORRACTS](#)

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Nov 17, 2021

RCRA non-CORRACTS TSD Facilities:[RCRA TSD](#)

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Nov 17, 2021

RCRA Generator List:[RCRA LQG](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Nov 17, 2021

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Nov 17, 2021

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Nov 17, 2021

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Nov 17, 2021

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Nov 17, 2021

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Dec 30, 2021

Federal Institutional Controls- ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Dec 30, 2021

Land Use Control Information System:[LUCIS](#)

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Emergency Response Notification System:[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jul 26, 2021

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Dec 30, 2021

Superfund Decision Documents:

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Nov 16, 2021

State**Part 201 Site List:**

SHWS

A Part 201 Facility is an area, place, or property where a hazardous substance in excess of the concentrations that satisfy the cleanup criteria for unrestricted residential use has been released, deposited, disposed of, or otherwise comes to be located. This list is maintained by the Remediation and Redevelopment Division in Michigan Department of Environment, Great Lakes, and Energy (EGLE). This database is state equivalent CERCLIS.

Government Publication Date: Dec 13, 2021

Delisted Contaminated Sites:

DELISTED CONTAM

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) previously provided this list of delisted contaminated sites from Part 201, Part 213, and Baseline Environmental Assessment (BEA). Due to changes in agency tracking practices, as of November 2018 this list is no longer made available by EGLE.

Government Publication Date: Jul 24, 2018

Delisted Hazardous and BEA Sites:

DELISTED SHWS

This list is comprised of sites that were once included in the inventory of facilities (Part 201, BEA) list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that a BEA Part 201 site has been remediated, the site is removed from the inventory of facilities. This database is state equivalent CERCLIS.

Government Publication Date: Dec 13, 2021

State Sites Cleanup List of Sites:

SITE CLEANUP

Public Act 380 of 1996 amended Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, PA 451 of 1994, by adding Section 20108c and creating the State Sites Cleanup Fund (SSCUF) and the State Sites Cleanup Program (SSCUP). Its intent was to fund environmental cleanups at contaminated sites where the state is a liable party as an owner or operator of the site, as defined in Section 20126 of Part 201. This list is maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Dec 2, 2020

Solid Waste Facilities and Landfills:

SWF/LF

An inventory of solid waste and landfill facilities maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This list contains all disposal area types and status types.

Government Publication Date: Aug 24, 2021

Waste Data System:

WASTE

The Waste Data System (WDS) tracks activities at sites regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs. This list of sites is provided by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Aug 4, 2020

Recycling Facilities:

RECYCLING

List of recycling facilities made available by the Michigan Recycling Coalition (MRC). The Coalition represents recycling and composting interests statewide and is a recognized authority on waste reduction, beneficial utilization, recycling, and composting.

Government Publication Date: Nov 7, 2019

Leaking Underground Storage Tank:

LUST

At the time of a release, the owner/operator is responsible for the corrective actions mandated by Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, 1994 of PA 451, as amended (NREPA). Owners/operators are required to hire consultants that meet the qualifications in Section 21325 of Part 213 to perform corrective actions, and to submit specific reports required by the statute. The Remediation Division of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is charged with selectively auditing the final assessment reports and closure reports.

Government Publication Date: Oct 29, 2021

Delisted Leaking Underground Storage Tank:

DELISTED LUST

This list is comprised of sites that were once included in the Leaking Underground Storage Tank list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that a Leaking Underground Storage Tank (LUST) site has been excluded from the DEQ STID Database, the site is removed from the inventory of facilities.

Government Publication Date: Oct 29, 2021

Underground Storage Tank:

UST

List of Underground Storage Tank (UST) locations. Data made available by the Michigan Department of Licensing and Regulatory Affairs and the Department of Environment, Great Lakes, and Energy (EGLE). Active UST facilities are those where there is at least one tank at the facility that is not closed in place or removed, and is regulated under Part 211, Underground Storage Tank Regulations, of Act 451 of 1994, as amended, and the Michigan Underground Storage Tank Rules (MUSTR). There may be closed tanks and/or active non-regulated tanks (such as heating oil tanks) at Active facilities. Closed UST facilities are those at which all tanks at the facility that are regulated under Part 211 are closed; there may be non-regulated active tanks at closed facilities, such as heating oil tanks or tanks with a capacity smaller than the regulatory threshold.

Government Publication Date: Dec 21, 2021

Aboveground Storage Tanks:

AST

The Aboveground Storage Tank (AST) Program in the Department of Licensing and Regulatory Affairs (LARA) regulates the following: storage and handling of flammable and combustible liquids with flash point less than 200 degrees Fahrenheit, storage and handling of liquefied petroleum gases compressed natural gas vehicular systems. The regulatory authority is from the Fire Prevention Code, 1941 PA 207, as amended, and the rules promulgated under the act.

Government Publication Date: Jan 10, 2022

Tank Facilities Not Currently Registered:

UNREG TANK

A list of tanks known to the Department of Licensing and Regulatory Affairs in Michigan which do not require registration.

Government Publication Date: May 29, 2019

Storage Tank Facility:

TANK FACILITY

A list of aboveground and underground storage tank facilities where tank details are not available. This list is made available by the Michigan Department of Licensing and Regulatory Affairs (LARA).

Government Publication Date: Nov 9, 2021

Delisted Storage Tank:

DELISTED TANK

This list is comprised of sites that were once included in the Storage Tank list but have been removed. After the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has determined that an Storage Tank site has been excluded from the DEQ STID Database, the site is removed from the inventory of facilities.

Government Publication Date: Dec 21, 2021

Engineering and Institutional Controls:

AUL

A list of Engineering and Institutional Controls. According to U.S. Environmental Protection Agency (EPA), these engineering and institutional controls are usually legal controls intended to influence human activities in such a way as to prevent or reduce exposure to hazardous wastes or hazardous constituents that are left on a site following active cleanup work. Institutional controls, however, are not intended to be used as secured abandonment (i. e., physically securing a site and preventing exposure while making little or no effort to ensure that chemicals of concerns do not migrate to and beyond the property boundary). Institutional controls may not be appropriate as the sole remedy for off-site releases. EPA's expectation is for sites to be remediated to allow for reasonable beneficial reuse. U.S. EPA has developed guidance on the use of institutional controls at Superfund and RCRA corrective action sites, and the guidance should be consulted for additional information concerning their applicability and use.

Government Publication Date: Nov 8, 2021

Brownfield Redevelopment Financing Act Sites:

BROWNFIELDS

List of sites included in the Michigan Department of Environment, Great Lakes, and Energy (EGLE)'s reporting on Brownfield Redevelopment Financing Act activities from 2003-2012. In Michigan, the Brownfield Redevelopment Financing Act (Act 381) of 1996 authorizes municipalities to create brownfield redevelopment authorities to facilitate the implementation of brownfield plans and to create brownfield redevelopment zones in order to promote the revitalization, redevelopment, and reuse of certain properties.

Government Publication Date: Dec 31, 2018

Brownfield Redevelopment Sites:

BFLD REDEV

The Brownfield Redevelopment Financing Act Report is a summary of the information contained in brownfield plans and work plans submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This site listing is specific to Act 381 Work Plans approved by EGLE's Remediation and Redevelopment Division for calendar years. EGLE and the Michigan Strategic Fund are required to report on a quarterly basis information for each project approved during the preceding quarter (MCL 125.2666 Section 16(5)(a)). This requirement was included in the December 2012 Amendments to the Brownfield Redevelopment Financing Act, 1996 PA 381.

Government Publication Date: Jul 14, 2020

Brownfields-USTfields Site Directory:

[BFLD UST](#)

The Brownfields-USTfields Site Directory made available by the Michigan Department of Environment, Great Lakes, and Energy's (EGLE) contains information about state-nominated and state-funded cleanup sites as well as sites that have been redeveloped using the Baseline Environmental Assessment (BEA) process. It is not a full list of contaminated properties in Michigan, and is intended to be utilized as supplemental information for the Part 201 Site Search, Part 211 Underground Storage Tank Site, and Part 213 Leaking Underground Storage Tank Site databases. This list was provided by the Michigan Department of Environmental Quality and was last revised by the DEQ in 2014.

Government Publication Date: 2014

Residential Closures Inventory:

[NFA RES](#)

This Inventory of Residential Closures is made available by the Michigan Department of Environmental Quality (DEQ). The Inventory represents a subset of residential closures approved by the DEQ, those which: were submitted to the DEQ in a No Further Action Report; satisfy the limited residential cleanup criteria under section 20120a(1)(c) of Part 201, or the site-specific residential cleanup criteria under sections 20120a(2) and 20120b of Part 201; include land use or resource use restrictions; and were specifically requested by the submitter of the No Further Action Report.

Government Publication Date: Feb 1, 2022

Tribal

Leaking Underground Storage Tanks on Indian Lands:

[INDIAN LUST](#)

LUSTs on Tribal/Indian Lands in Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Oct 12, 2021

Underground Storage Tanks (USTs) on Indian Lands:

[INDIAN UST](#)

USTs on Tribal/Indian Lands in Region 5, which includes Michigan, Minnesota, and Wisconsin.

Government Publication Date: Oct 12, 2021

Delisted Tribal Leaking Storage Tanks:

[DELISTED ILST](#)

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 12, 2021

Delisted Tribal Underground Storage Tanks:

[DELISTED IUST](#)

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 12, 2021

County

City of Grand Rapids Brownfield Sites:

[BFLD GRAND RAPIDS](#)

List of brownfield sites made available by the Grand Rapids Brownfield Redevelopment Authority (BRA). The BRA was established in 1996 to assist with the redevelopment of blighted or contaminated properties in the City of Grand Rapids. A property is eligible for assistance from the BRA if it is contaminated, blighted, functionally obsolete, or an historic resource.

Government Publication Date: Jan 4, 2018

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Sep 17, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites:

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Nov 22, 2021

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 20, 2021

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Oct 14, 2021

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 2, 2021

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (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.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Dec 21, 2021

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jan 20, 2022

State

Pollution Emergency Alerting (PEAS):

SPILLS

The PEAS listing maintained by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) points out the environmental damages/pollution, such as tanker accidents, pipeline breaks, and releases of reportable quantities of hazardous substances. Inconsistencies which existed in the data as it came from the source have not been interpreted or fixed, the data is provided as it was received from the DEQ.

Government Publication Date: Jun 30, 2021

Baseline Environmental Assessment:

BEA

A Michigan Baseline Environmental Assessment (BEA) from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Government Publication Date: Dec 17, 2020

Michigan PFAS Sites:

PFAS

A list of sites where Per- and Polyfluoroalkyl substances (PFAS) are being investigated, made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). PFAS sites are where one or more groundwater sample exceeds the Part 201 cleanup criteria for groundwater used as drinking water, which is 70 parts per trillion of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), individually or combined. Site investigations get started for a variety of reasons. At some sites, like Superfund sites, EGLE staff have been overseeing environmental cleanup efforts for many years, and may add PFAS sampling to ongoing sampling if PFAS was known or suspected to have been used at the site. Other sites were sampled due to historical information, such as Carl's Retreading, which was where tires burned for many days and firefighting foam containing PFAS was used. EGLE is committed to continuing to do all of these types of sampling efforts.

Government Publication Date: Feb 3, 2022

Dry Cleaning Facilities:

DRYCLEANERS

A listing of dry cleaning facilities registered with the Air Quality Division in the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Nov 9, 2021

Delisted Drycleaners List:

DELISTED DRYCLEANERS

List of sites removed from the drycleaning facilities database made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

Government Publication Date: Nov 9, 2021

Perfected Liens List:

[LIEN](#)

A list of perfected liens on properties pursuant to Section 20138 of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.20101 et seq. This list is made available by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Remediation and Redevelopment Division (RRD).

Government Publication Date: Oct 22, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Kalamazoo County Clandestine Drug Laboratory Locations:

[CDL KALAMAZOO](#)

The Kalamazoo County Health & Community Services, Environmental Health Division maintains this list of Clandestine Drug Laboratory locations since 2004.

Government Publication Date: Aug 14, 2020

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

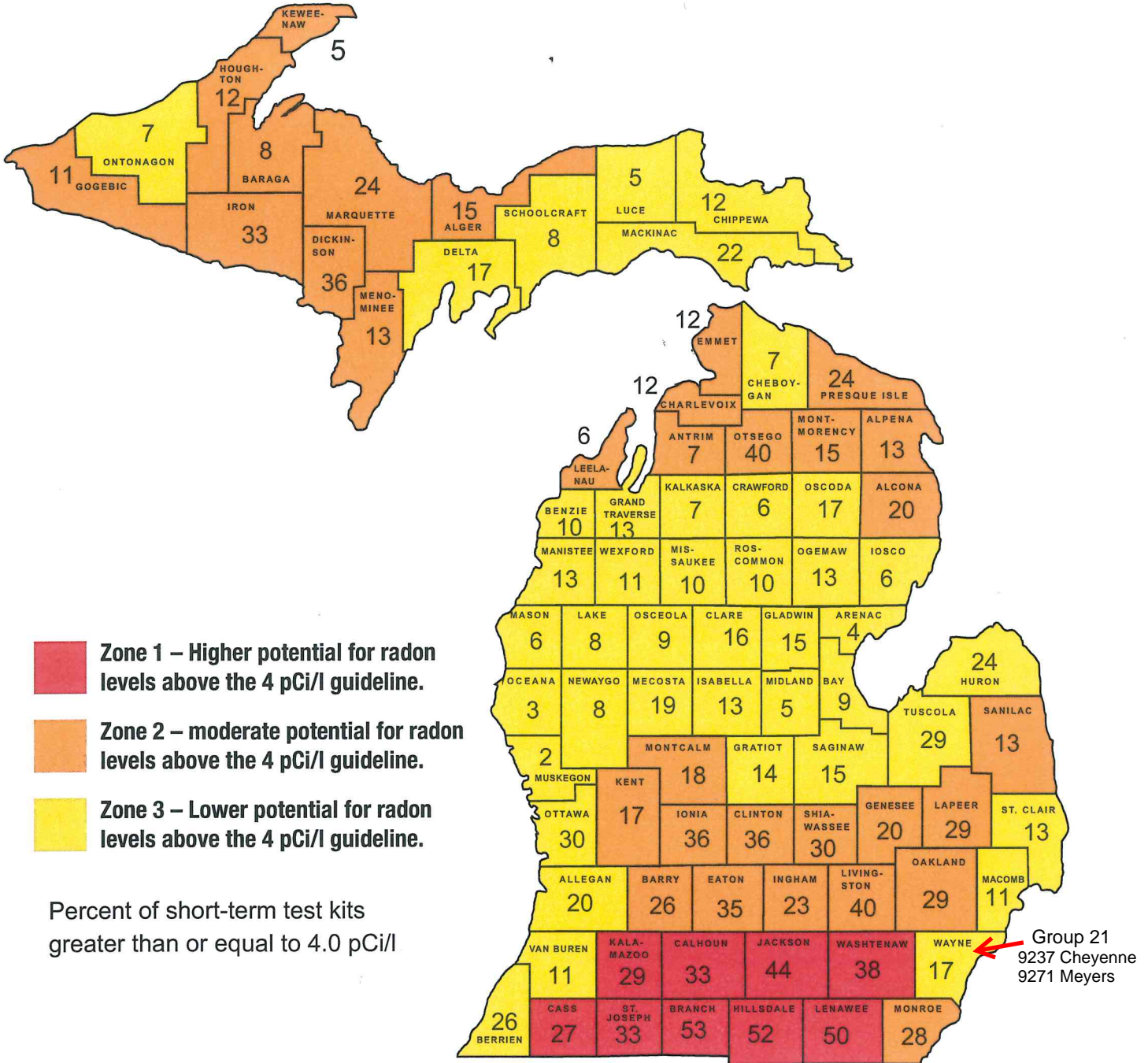
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

EPA's Map of Radon Zones – Michigan



NOTE: This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones. *All homes should be tested, regardless of zone designation.*



**WILCO
ENVIRONMENTAL**

**COMBINATION LEAD BASED PAINT
INSPECTION & RISK ASSESSMENT
AND ASBESTOS INSPECTION**

FOR THE PROPERTY KNOWN AS:

Vacant Residence
9271 Meyers
Detroit, MI

Owner's Phone #: 313-877-8643
Date of Construction: N/A

PREPARED FOR:

Detroit Housing Commission - Procurement Division
1301 E. Jefferson
Detroit, Mi 48207
313-877-8643

**LABWORK PROVIDED BY
(LEAD)**

Accurate Analytical Testing (AAT)
(734) 699-5227
NLLAP # 100986

(ASBESTOS)

Environmental Testing Laboratories (ETL)
(734) 955-6600

DATE(S) OF ASSESSMENT:

July 27, 2009

REPORT PREPARED AND SUBMITTED BY:

LEAD WORK

Pablo Ferrari
EPA Certified Lead Risk Assessor
Certification #: P-02167

ASBESTOS WORK

George Watkins
EPA Certified Asbestos Inspector
A-12543

ETC / Wilco Job#: 128677

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ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

Executive Summary

**Existing Lead Based Paint Hazards including
Abatement and Interim Control Options**

<i>Client</i>	Detroit Housing Commission - Procurement Division	
<i>Survey Location:</i>	9271 Meyers, Detroit, MI	
<i>Survey Date:</i>	07/30/09	
<i>Inspectors:</i>	Pablo Ferrari	

Reviewing all the paint, dust and soil samples taken, no lead based paint hazards were found within the tested areas of this building. As no lead based paint hazards were found on this site, no follow up abatement or interim controls actions will be required. Further, as this building has had a risk assessment conducted and no lead hazards were found, the areas represented by this sampling qualify as "*Lead Safe Housing*" according to current State of Michigan requirements.

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

EXECUTIVE SUMMARY (Chart 2)
Asbestos Materials, Quantities and Locations

Client	Detroit Housing Commission							
Survey Location:	9271 Meyers, Detroit, MI							
Survey Date:	07/27/09							
Material #	Material Description	Asbestos	Quantity		Location			
1	White Drywall, Non-Friable, White	No	16352	sq ft	Entire House			
2	Drywall Joint Compound, Non-Friable, White	No	451	sq ft	Entire House			
3	12 inch X 12 inch Floor Tile, Non-Friable, White	No	2329	sq ft	Living, Kitchen, Hallway			
4	Exterior Caulk, Non-Friable, Brown	Yes	30	ln ft	Exterior			
5	Brown Cove Base, Brown, Non-Friable	No	210	sq ft	Living, Hallway First Floor			
6	Cover Base Mastic, Non-Friable, Yellow	No	210	sq ft	Living, Hallway First Floor			

II.) PURPOSE AND SCOPE OF WORK

Attached here within are the results of a lead based paint (LPB) inspection / risk assessment (combination survey) and an asbestos inspection performed by Pablo Ferrari of ETC - Environmental Services / Wilco Environmental, Inc. (ETC / Wilco). This combination (lead & asbestos survey) was performed for Detroit Housing Commission - Procurement Division at the Vacant Residence located at 9271 Meyers in Detroit, MI . The site work was performed on July 27, 2009 by Pablo Ferrari (for lead) and George Watkins (for asbestos). These individuals are EPA certified lead risk assessor and / or asbestos inspectors through appropriate State of Michigan programs.

The purpose of this combination lead and asbestos survey was to identify any existing lead paint hazards and asbestos containing materials that might exist within the residence. The process of identifying all lead based paint in a residence is referred to as a lead inspection while identifying all lead hazards in a residence is a risk assessment. It has become common in the industry to perform both of these services at one time and this is referred to as a lead combination survey. Although this report represents both services, for the purposes of discussion, we will discuss the methods and goals of inspections and risk assessments separately.

In addition to these lead services, ETC also provided an asbestos inspection was is discussed in Section C (below).

A. Lead Inspections

ETC / Wilco's inspection started by breaking down the dwelling into separate functional areas. For the testing of paint, each functional area was then broken down into different building components, according to the various colors and substrates. Samples were collected using a XRay Fluorescence (XRF) analyzer. The XRF uses radioactive cadmium to determine the amount of lead located within each surface tested. At the time of this report, HUD has defined Lead-Based Paint (LBP) as paint with an average concentration of 1.0 mg/cm², or greater using the XRF technology. Test results for this residence that can be compared against the HUD and EPA standards can be found in Appendix A.

B. Lead Risk Assessments

A lead risk assessment attempts to identify lead hazards that may exist within a home. Lead hazards are defined in an important lead regulation called Title X, the Title X definition includes the following six items:

1. Lead paint that is deteriorated (flaking, chipped, peeling, etc.) in poor condition as defined by Title X.
2. Lead paint on a friction surface (i.e. rubbing doors, sliding windows, etc.) where associated dust levels exceed safe limits.
3. Lead paint on an impact surface (i.e. door jambs, stair treads, etc.) where the impact is caused by another building component.
4. Lead paint on a chewable surface (i.e. window sills, shelves, etc.) where there is visible evidence of teeth marks.
5. Lead contaminated dust where levels exceed safe limits.
6. Lead contaminated soils where levels exceed safe limits.

A lead risk assessment attempts to identify hazards by taking a series of dust, soil and deteriorated paint samples and comparing them to associated limits developed by HUD and EPA. A list of the hazards identified can be found in the Executive summary (Chart 1)

C. Asbestos Inspections

Potential material sampling sites were selected by their ability to characterize the building's asbestos content and by their estimated exposure potential. The most commonly sampled materials in residences are:

- 1 Floor tile, linoleum or other laid flooring materials
- 2 Pipe, boiler or duct insulation on older furnaces and heating / cooling systems.
- 3 Window glazing and chalking
- 4 Wall and ceiling materials (plaster / drywall, etc.)
- 5 Older siding or roofing materials.
- 6 Ceiling tiles / panels
- 7 Other suspect materials

Per current OSHA requirements ETC's inspector took three samples of each suspect material to determine asbestos content. These samples were sent to laboratory for analysis with instructions to stop analysis at the first positive sample found for each material.

All bulk samples were analyzed using Polarized Light Microscopy (PLM). This is the method of choice, which was recognized by the Environmental Protection Agency (EPA). PLM serves several functions. Its main purpose is to identify fibrous asbestos in bulk samples. The PLM method is also used to distinguish between the various types of asbestos within the sample. The materials sampled and their determination of asbestos content can be found in the Executive Summary (Chart2).

D. Project Limitations and Problems

Throughout the course of any lead and asbestos survey there can be a number of problems including: areas or surfaces that could not be tested, inaccessible areas, locked doors, problems due to inclement weather, etc. During this combination survey there may have been materials or items that could not be tested or sampled. These materials must be assumed to be lead based paint and / or asbestos and treated as such. The items / materials included:

- All items and materials were accessible and therefore, no materials need to be assumed to be lead based paint or asbestos.

There may have also been unusual circumstances for this project that may have affected the project. The unusual circumstances existing at Vacant Residence included:

- Exterior factory finished brick and aluminum siding, new vinyl windows and marble sill throughout the house, new doors and cabinets throughout the house
- X-Ray Fluorescence (XRF) is a non-destructive type of paint testing. Inspectors do not remove items that are fastened shut, down, together or otherwise made to impede access. Drop ceiling tiles, furniture, equipment, and other items are not removed by the inspectors, those areas should be made to be accessible to the inspector by the building owner. Excessive storage conditions, deferred cleaning practices, and unsafe building conditions could be cause for a building component to not be tested. If a building component is present but does not show up on the inspection report it should be considered to be lead painted unless it was installed after 1978 or has a factory finish on it.

- It is also possible that wall hangings, flags, banners, pictures wall shelving units and large furniture may hide damage to wall surfaces. If those items are covering up damage, it could change the classification of that component from intact or fair to poor. If this is the case, treat those damaged surfaces as though they are a hazard.
- Bare soil areas will change with usage, weather and other factors beyond the control of the risk assessor who wrote this report.

III.) REGULATORY INFORMATION

A. Department of Housing and Urban Development (HUD) Lead Regulations

By recognizing lead based paint (LBP) as a potential health hazard, HUD became the lead federal agency in the identification of lead hazards and has the primary responsibility to regulate LBP in Public or Indian housing. HUD has generated guidelines and performed extensive research to develop comprehensive requirements for LBP inspections, risk assessments and lead abatement or removal activities. These guidelines are enforceable in Public or Indian housing projects or any other project where HUD funds are dispersed. This includes most community development block grant (CDBG) funds as well as other housing assistance as provided by HUD, VA, etc. These methods represent the "State of the Art" technology for lead activities. At this point, EPA has developed similar rules that are in force in all housing and child occupied facilities and are enforced on a State by State basis.

If the work to be completed on this project is federally, state or locally funded, it is likely the full HUD regulations will apply. HUD program requirements for most projects are determined by the amount of money spent on the project. In general the requirements are:

For all projects where the rehabilitation costs will be between \$0 - \$25,000

Detroit Housing Commission - Procurement Division or their contractors (as you determine) may choose any combination of the following three (3) options to address the hazards found in the executive summary.

- all interim control options
- some interim controls and some abatement options
- or all abatement options

Also, please note that anytime even one abatement option is chosen, the contractor and their employees must be fully certified licensed through the State of Michigan – Lead Program to perform any abatement work.

For all projects where the rehabilitation costs will exceed \$25,000

In this case, Detroit Housing Commission - Procurement Division or their contractors (as you determine) must chose ONLY abatement options to address the hazards identified.

This has serious repercussions for Detroit Housing Commission - Procurement Division as abatement options are almost always more expensive than interim controls and this price difference between \$24,999 and \$25,001 may require large extra lead expenses to the program costs for this property. *You may wish to share this information with all of your selected contractors so they better understand the potential cost increases when their bid price exceeds \$25,000.*

Please note, this is only a general outline and the HUD regulations are very complex. For instance some costs on a project (i.e. the initial combination and final clearance) may not count toward the rehabilitation costs. For further information, refer to the HUD guidelines or contact a ETC / Wilco representative.

B. Environmental Protection Agency (EPA):

LEAD - The EPA has generated significant rules affecting lead in homes and child occupied facilities. The three most important are (1) the real estate disclosure rule, (2) the lead renovation rule and (3) the training and abatement rule. The real estate disclosure act requires any home seller or realtor to pass out an informational pamphlet and discuss lead issues prior to selling, leasing or renting a housing unit. Similarly, the lead renovation rule requires the contractor performing renovation activities in “child occupied facilities” or “target housing” to pass out the same informational pamphlet required in the real estate act, educate the owner in lead issues, train all their employees in an 8 hour lead class and follow lead safe work practices throughout the project. This purpose of this regulation is to insure residents have the opportunity to ask questions about lead exposure prior to renovation activities disturbing painted surfaces.

The other EPA rule establishes training, certification, and minimum work practices for any work performed in “child occupied facilities” or “target housing”. At this point, any lead **interim control or abatement** activities must be conducted by trained, certified personnel who are licensed in Michigan and follow the minimum work practices outlined in this regulation.

ASBESTOS - The Environmental Protection Agency (EPA) set the standard for asbestos surveys in the AHERA regulations (40 CFR Part 763) which required surveys of all school buildings in the United States. These regulations were specific regarding survey techniques, number of samples required and certification of inspectors. These same regulations were modified and increased when AHERA was reauthorized under ASHARA. The ASHARA reauthorization also expanded the AHERA requirements to certify inspectors performing surveys in all public and commercial buildings

C. Occupational Safety and Health Administration (OSHA):

LEAD - Additionally, OSHA has established regulations to prevent high lead exposure to employees working in lead related occupations. Along with establishing a permissible exposure limit (PEL), OSHA, working with the National Institute for Occupational Safety and Health (NIOSH), has mandated engineering, work practice and administrative controls to protect the worker. The current PEL at the time of this report is a concentration no greater than 50 micrograms per cubic meter of air.

ASBESTOS - In addition to the EPA regulations, the Department of Occupational Safety and Health (OSHA) has also passed regulations affecting the performance of asbestos surveys in buildings. According to current OSHA regulations (20 CFR 1926.1101), building owners must inform occupants of the location, quantity and condition of confirmed or assumed asbestos containing materials within all public and commercial facilities

In addition to these regulations regarding surveys, facility owners and operators are also required to insure that employees or occupants of their buildings are not exposed to unsafe levels of airborne asbestos. Allowable fiber levels as defined by the regulatory agencies and standards below dictate which levels are applicable in which facilities

This is the OSHA permissible exposure limit (PEL) average over an 8 hour day. This means that this is the maximum level of asbestos that workers and/or employees can be exposed to without respirator protection and protective clothing. Should air sampling be at or near the PEL the employer will have to:

1. Implement Worker Training
2. Employee Respiration Monitoring
3. Recordkeeping
4. Medical Surveillance
5. Notify Workers
6. Post Danger Signs
7. Perform periodic air monitoring, establish regulated areas, and construct decontamination facilities
8. Provide respiratory protection and personnel protective clothing

IV.) SAMPLE RESULTS AND INFORMATION

A. Lead Paint Sampling

Lead paint sample results are contained in Appendix B. All types of painted surfaces were tested using X-Ray fluorescence (XRF) technologies. XRF uses gamma photons from a sealed irradiation source to strike the atoms within the painted surface. Most commonly, an isotope of cobalt or cadmium is used to produce gamma photons. Because the source is radioactive, training and certification is required to operate an XRF lead analyzer. All inspectors have received the EPA three day lead inspection training and the manufacturer's XRF training. The radiation safety officer for ETC / Wilco is Jeremy Westcott.

The serial number of the XRF instrument utilized in this project was 18456 July 27, 2009. These instruments are registered as radioactive materials with the State of Michigan Department of Environmental Quality. The registration number for these instruments is 031070-01-I01. ETC / Wilco's representatives handle and operate the XRF instrument in accordance with the manufacturers' directives and methods described in the HUD Guidelines.

ETC / Wilco's lead testing results are applicable for the time that testing was conducted and for the condition of surfaces at the time they were tested. If questions arise regarding lead content on surfaces that were not tested (or were inaccessible) by ETC / Wilco, then additional testing services should be solicited to test those surfaces for lead.

B. Lead Dust Sampling

For combination surveys, lead dust sampling is required in areas where children are most likely to come into contact with dust. Areas for consideration include: children's bedroom(s), family rooms, play rooms, kitchens, bathrooms, etc. Lead dust samples are to be taken from at least six different rooms with samples from both the floor and either a window sill or window well within each room.

Current limits for lead dust samples taken during combination surveys are as follows in micrograms per square foot ($\mu\text{g}/\text{ft}^2$):

	Floors	Window Sills	Window Wells	Ext. Concrete
HUD	40	250	400	800
EPA	40	250	400	800
OSHA	~9000	~9000	~9000	~9000

Actual dust level results noted at the Vacant Residence are below. Any sample above the allowable regulatory limit is in bold.

Any high dust levels noted here represent lead hazards and are included in the hazard charts in the Executive Summary (Chart 1). This chart details the lead dust problems identified (or lack thereof) within this residence. *Please keep in mind that if lead dust samples were not taken in each room of the residence the samples that were taken will be used to represent overall conditions in the residence.* This means that areas that were not individually sampled may be listed as having problems based upon the sampling that was conducted in other areas.

Sample #	Room Location	Component	Area Wiped (in sq. ft.)	Lead Concentration (in $\mu\text{g}/\text{ft}^2$)
WS 1	Living Room 5	Floor	1.00	< 10
WS 2	Living Room 5	Window sill	0.33	55.40
WS 3	Kitchen 4	Floor	1.00	< 10
WS 4	Kitchen 4	Trough	0.33	37.80
WS 5	Bedroom 8	Floor	1.00	11.00
WS 6	Bedroom 8	Window sill	0.33	< 30.3
WS 7	Bedroom 9	Floor	1.00	< 10
WS 8	Bedroom 9	Trough	0.33	122.00
WS 9	Bedroom 11	Floor	1.00	< 10
WS 10	Bedroom 11	Window sill	0.33	< 30.3
WS 11	Bedroom 12	Floor	1.00	< 10
WS 12	Bedroom 12	Trough	0.33	50.40

C. Lead Soil Sampling

Lead soil sampling is required in areas where bare exposed soil is present around the house and the yard. Areas for consideration include: house perimeter, gardens, play areas, driveways, etc. Lead soil samples will only be taken if bare exposed soils exist. Sampling usually involves three areas: play areas where children are likely to come in contact with soil, the perimeter of the home (i.e. gardens, etc.) and other non-play areas of the yard where contact is less likely.

Current limits for lead soil samples taken during combination surveys are as follows in parts per million (ppm):

	Play Areas	House Perimeter or Other Areas of Yard
HUD	400	1200
EPA	400	1200

Actual soil results for the Vacant Residence can be found in the chart below. Any sample above the allowable regulatory limit is in bold.

	Location	Results (parts per million)
SS-1	Perimeter of House	< 39.69

Any high soil levels noted here represent lead hazards and are included in the hazard charts in the Executive Summary. This chart details the lead soil problems identified (or lack thereof) within this residence. Please keep in mind that lead soil samples are composite samples where a small portion is taken from four or five different locations to make up the one sample. Therefore the results of this one sample represent all of the different areas where the separate pieces were acquired. Play areas and non-play areas should never be mixed in the same sample

D. Asbestos Sampling

Asbestos sampling results are available in the Executive Summary (Chart 2). For more detailed information and actual sample results, please refer to Appendix G of this report.

V.) LEAD HAZARD CONTROL OPTION RECOMMENDATIONS

Types of hazards that may have been identified during the lead combination include both identified hazards and potential hazards. Identified hazards include paint, dust and soil hazards that fit the six (6) hazard definitions of HUD and the EPA detailed above. For each identified hazard, hazard control options (recommendations) are given to explain how to address any problems identified in the sampling. In the case of the Vacant Residence property, hazard control options can be found in the Executive Summary Chart.

Potential hazards are areas of the residence where the occupant or owner may be completing renovation activities in the future. If future renovation activities were identified, these areas were sampled using the XRF instrument to determine lead content. If the paint in these areas was found to be above 1.0 mg/cm^2 , they were listed as potential hazards. This is required as the up-coming renovation activities will likely disturb the paint and possibly create lead based dust hazards that do not currently exist. It is critical that the homeowner (or selected renovation contractor) follow "lead safe work practices" when working on the potential hazards to avoid creating lead dust hazards. A list of potential hazards identified during the combination can be found in Appendix C.

VI.) LEAD RE-EVALUATION RECOMMENDATIONS

Anytime lead paint or hazards remain in the building and are not completely removed, the risk assessor is required to make recommendations for re-evaluating the building. This is the recommended time when the homeowner should hire a certified risk assessor to determine whether (1) conditions at the home have changed possibly causing additional hazards, (2) the initial hazard control options implemented have been effective or (3) if further work is warranted. The frequency of re-evaluations recommended is dependent on both the combination results and the hazard control options that are chosen and implemented.

At the time of producing this combination, the risk assessor can only be sure of the current conditions, but can not know for sure which hazard control options will be selected. For this reason, ETC / Wilco has chosen to include a re-evaluation chart in Appendix F. To determine the re-evaluation frequency recommended for this residence, please refer to this chart and reference Schedule 1 as given in the chart. This schedule was chosen based upon the results of the initial combination. After finding the appropriate schedule, the homeowner / building manager / owner will need to know which hazard control options were conducted. By knowing the appropriate schedule (Schedule 1) and the hazard control selected (chosen by the owner) you can determine the recommended re-evaluation frequency.

If you do not wish to follow the chart, you can opt to follow the most stringent re-evaluation frequency that would be to re-evaluate at: 6 months, then 1 year then 2 years.

VII.) COST ESTIMATE

HUD and EPA regulations require the risk assessor to provide cost estimates for possible work to be completed. Below find a rough estimate of costs associated with lead remediation activities.

Lead Work

Encapsulation	\$3.50 sq. ft.	Enclosure wood	\$4.00 sq. ft.
Wet plane friction and impact points	\$2.75 sq. ft.	Enclosure metal	\$5.00 sq. ft.
Wet scrape and repaint	\$2.50 sq. ft.	Enclosure drywall	\$2.50 sq. ft.
Window replacement	\$2.00 sq. ft.	Door replacement	\$750.00 each.
Dust removal-clean up	\$500 each	Soil abatement	\$10.00 sq. ft.
	\$1.25 sq. ft.	Component replacement	5 times material cost

Asbestos Work

Encapsulation (Sq Ft.)	\$12.00 sq. ft.	Floor Tile & Mastic Removal	\$4.00 sq. ft.
Encapsulation (Ln Ft.)	\$9.00 ln. ft.	Wall Ceiling Removal	\$6.00 sq. ft.
Pipe Removal	\$9.00 ln. ft.	Ceiling Scrape	\$12.50 sq. ft.
Floor Tile Removal	\$2.00 sq. ft.	Siding Removal	\$12.50 sq. ft.

VII.) RECOMMENDATIONS FOR FUTURE OPERATIONS AND MAINTENANCE

It is very important to note that future disturbance of lead painted or asbestos surfaces may cause new and additional lead or asbestos hazards. Homeowners, building managers and landlords are expected to follow “lead and asbestos safe work practices” any time that a lead painted or asbestos surface is disturbed. This means making sure very little dust is generated (i.e. wet sanding not dry sanding), not burning lead painted items, cleaning up thoroughly after work, etc.

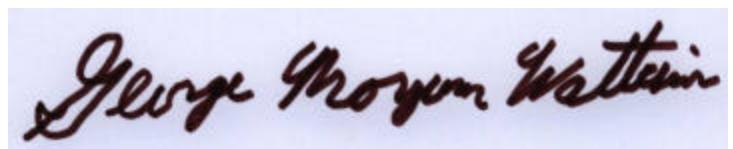
In order to provide guidance for the owners, managers and landlords when conducting renovation, maintenance or potential future disturbance of painted surfaces, they should refer to an excellent manual developed by HUD titled “Lead Paint Safety: A Field Guide for Painting, Home Maintenance, and Renovation Work”. This manual can be found for free on the Internet at <http://www.hud.gov/offices/lead/training/LBPguide.pdf>. Please download a copy of this manual before disturbing any painted surfaces within the residence. If access to the Internet is not available, you may order a copy at 1-800-424-5323.

If you have any questions not answered by this manual, please contact our office at (734) 955-6600. Thank you.

This report reviewed and submitted by

ETC - Environmental Services

Wilco Environmental Inc.



Pablo Ferrari (Cert. # P-02167)
EPA / Michigan Certified Risk Assessor

George Watkins (Cert. # A-12543)
EPA / Michigan Certified Asbestos Inspector

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX A

All Paint Samples Taken - In Order Sampled

Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client		Detroit Housing Commission - Procurement Division										
Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #	P-02167			Job#	128677		
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm ² +/- Precision	
1										Positive	4.28 +/- 0	
2			CALIBRATE						1.03	Negative	0.9 +/- 0.3	
3			CALIBRATE						1.09	Positive	1 +/- 0.3	
4			CALIBRATE						1.14	Positive	1.1 +/- 0.3	
5	1st	A	Hallway 1	Wall	Drywall	FAIR	White		1.8	Negative	0.01 +/- 0.04	
6	1st	B	Hallway 1	Wall	Drywall	FAIR	White		1.06	Negative	0 +/- 0.02	
7	1st	C	Hallway 1	Wall	Drywall	FAIR	White		5.97	Negative	0.05 +/- 0.19	
8	1st	D	Hallway 1	Wall	Drywall	INTACT	White		1.7	Negative	0.01 +/- 0.04	
9	1st		Hallway 1	Ceiling	Drywall	INTACT	White		6.87	Negative	0.06 +/- 0.23	
10	1st	A	Hallway 1	Door Casing	Wood	INTACT	White		1	Negative	0 +/- 0.02	
11	1st	A	Hallway 1	Door Casing	Wood	INTACT	White		1	Negative	0 +/- 0.02	
12	1st	A	Hallway 1	Door Jamb	Wood	INTACT	White		1	Negative	0 +/- 0.02	
13	1st	A	Hallway 1	Door	Wood	INTACT	White		1	Negative	0 +/- 0.02	
14	1st	B	Hallway 1	Ledge	Wood	INTACT	White		1	Negative	0 +/- 0.02	
15	1st	B	Hallway 1	Clos. Shelf	Wood	INTACT	White		4.3	Negative	0.06 +/- 0.18	
16	1st	B	Hallway 1	Clos. Wall	Drywall	INTACT	White		1	Negative	0.01 +/- 0.03	
17	1st	D	Kitchen 4	Clos. Wall	Drywall	INTACT	White		2.95	Negative	0.02 +/- 0.07	
18	1st	D	Kitchen 4	Clos. Shelf	Wood	INTACT	White		1	Negative	0 +/- 0.02	
19	1st	A	Kitchen 4	Door Casing	Wood	INTACT	White		1.91	Negative	0.3 +/- 0.25	
20	1st	A	Kitchen 4	Door Jamb	Wood	INTACT	White		3.28	Negative	0.3 +/- 0.36	
21	1st	A	Kitchen 4	Door	Wood	POOR	Stain		1	Negative	0 +/- 0.02	
22	1st	A	Kitchen 4	Cabinet Out	Wood	POOR	Stain		1	Negative	0 +/- 0.02	
23	1st	A	Kitchen 4	Win. Apron	Wood	POOR	White		1.22	Negative	0.09 +/- 0.1	
24	1st	C	Kitchen 4	Wall	Drywall	INTACT	White		5.68	Negative	0.4 +/- 0.4	
25	1st	D	Kitchen 4	Wall	Drywall	INTACT	White		5.66	Negative	0.5 +/- 0.5	
26	1st	A	Kitchen 4	Wall	Drywall	INTACT	White		4.09	Negative	0.4 +/- 0.4	
27	1st	B	Kitchen 4	Wall	Drywall	INTACT	White		3.66	Negative	0.4 +/- 0.4	
28	1st	B	Living Room 5	Wall	Drywall	POOR	White		1	Negative	0 +/- 0.02	
29	1st	C	Living Room 5	Wall	Drywall	POOR	White		3.78	Negative	0.5 +/- 0.2	
30	1st	D	Living Room 5	Wall	Drywall	POOR	White		1	Negative	0 +/- 0.02	
31	1st	A	Living Room 5	Wall	Drywall	POOR	White		1	Negative	0 +/- 0.02	
32	1st		Living Room 5	Ceiling	Drywall	POOR	White		1.03	Negative	0 +/- 0.02	
33	1st	C	Living Room 5	Win. Apron	Wood	INTACT	White		5.17	Negative	0.27 +/- 0.43	

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX A

All Paint Samples Taken - In Order Sampled

Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client		Detroit Housing Commission - Procurement Division										
Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #	P-02167			Job#	128677		
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm ² +/- Precision	
34	1st	D	Bathroom 6	Door Jamb	Wood	INTACT	White		1.28	Negative	0.01 +/- 0.04	
35	1st	D	Bathroom 6	Door Casing	Wood	INTACT	White		1	Negative	0 +/- 0.02	
36	1st		Bathroom 6	Ceiling	Drywall	POOR	White		1	Negative	0 +/- 0.02	
37	1st	D	Bathroom 6	Wall	Drywall	POOR	White		1	Negative	0.01 +/- 0.02	
38	1st	C	Bathroom 6	Wall	Drywall	POOR	White		2.35	Negative	0.02 +/- 0.07	
39	1st	B	Bathroom 6	Wall	Drywall	POOR	White		10	Negative	-0.03 +/- 1.03	
40	1st	A	Bathroom 6	Wall	Drywall	POOR	White		1.45	Negative	0.01 +/- 0.04	
41	1st	D	Bathroom 6	Door	Wood	POOR	Stain		1	Negative	0 +/- 0.02	
42	1st	D	Stair 2	Stair Stringer	Wood	FAIR	White		2.55	Negative	0.03 +/- 0.1	
43	1st		Stair 2	Stair Riser	Wood	FAIR	White		2.14	Negative	0.02 +/- 0.08	
44	1st		Stair 2	Stair Tread	Wood	FAIR	Stain		2.41	Negative	0.02 +/- 0.07	
45	1st	B	Stair 2	Ledge	Wood	FAIR	White		1	Negative	0 +/- 0.02	
46	1st		Stair 2	Ceiling	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
47	1st	A	Stair 2	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
48	1st	D	Stair 2	Wall	Drywall	INTACT	White		7.04	Negative	0.09 +/- 0.29	
49	1st	B	Stair 2	Wall	Drywall	INTACT	White		1.28	Negative	0.01 +/- 0.03	
50	2nd	C	Hallway 7	Wall	Drywall	INTACT	White		1.11	Negative	0 +/- 0.02	
51	2nd	A	Hallway 7	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
52	2nd	B	Hallway 7	Wall	Drywall	INTACT	White		1.08	Negative	0.01 +/- 0.03	
53	2nd	D	Hallway 7	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
54	2nd		Hallway 7	Ceiling	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
55	2nd	B	Hallway 7	Clos. Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
56	2nd	B	Hallway 7	Clos. Shelf	Wood	POOR	White		2.97	Negative	0.03 +/- 0.11	
57	2nd	B	Hallway 7	Door Casing	Wood	POOR	White		2.12	Negative	0.02 +/- 0.06	
58	2nd	B	Hallway 7	Door Jamb	Wood	POOR	White		1	Negative	0 +/- 0.02	
59	2nd	B	Hallway 7	Door	Wood	INTACT	Stain		1	Negative	0 +/- 0.02	
60	2nd	A	Bedroom 8	Door	Wood	INTACT	Stain		1	Negative	0 +/- 0.02	
61	2nd	A	Bedroom 8	Door Casing	Wood	INTACT	White		1	Negative	0 +/- 0.02	
62	2nd	A	Bedroom 8	Door Jamb	Wood	INTACT	White		1	Negative	0 +/- 0.02	
63	2nd	A	Bedroom 8	Clos. Shelf	Wood	INTACT	White		1.42	Negative	0.02 +/- 0.06	
64	2nd	C	Bedroom 8	Win. Apron	Wood	INTACT	White		1	Negative	0 +/- 0.02	
65	2nd	C	Bedroom 8	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02	
66	2nd	D	Bedroom 8	Wall	Drywall	POOR	White		1	Negative	0 +/- 0.02	

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX A

All Paint Samples Taken - In Order Sampled

Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client											
Detroit Housing Commission - Procurement Division											
Survey Location:											
9271 Meyers, Detroit, MI											
Survey Date:											
07/30/09											
Inspectors:											
Pablo Ferrari				License #		P-02167			Job#	128677	
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm² +/- Precision
67	2nd	A	Bedroom 8	Wall	Drywall	POOR	White		1	Negative	0 +/- 0.02
68	2nd	B	Bedroom 8	Wall	Drywall	POOR	White		1.25	Negative	0.01 +/- 0.03
69	2nd		Bedroom 8	Ceiling	Drywall	INTACT	White		1.01	Negative	0.01 +/- 0.03
70	2nd	A	Bedroom 8	Clos. Wall	Drywall	INTACT	White		1.4	Negative	0.01 +/- 0.05
71	2nd	D	Bedroom 8	Clos. Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
72	2nd	D	Bedroom 9	Clos. Wall	Drywall	INTACT	White		1.78	Negative	0.01 +/- 0.05
73	2nd	D	Bedroom 9	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
74	2nd	C	Bedroom 9	Wall	Drywall	INTACT	White		1	Negative	0.01 +/- 0.02
75	2nd	B	Bedroom 9	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
76	2nd	A	Bedroom 9	Wall	Drywall	INTACT	White		4.01	Negative	0.03 +/- 0.13
77	2nd		Bedroom 9	Ceiling	Drywall	INTACT	White		1	Negative	0 +/- 0.02
78	2nd	A	Bedroom 9	Door Casing	Wood	FAIR	White		5.54	Negative	0.04 +/- 0.17
79	2nd	A	Bedroom 9	Door Jamb	Wood	FAIR	White		1	Negative	0 +/- 0.02
80	2nd	A	Bedroom 9	Baseboard	Wood	FAIR	White		1	Negative	0 +/- 0.02
81	2nd	C	Bedroom 9	Win. Apron	Wood	FAIR	White		1.98	Negative	0.01 +/- 0.05
82	2nd	D	Bedroom 9	Clos. Shelf	Wood	FAIR	White		1.48	Negative	0.02 +/- 0.06
83	2nd	A	Bedroom 9	Door	Wood	FAIR	Stain		1	Negative	0 +/- 0.02
84	2nd	D	Bathroom 10	Door	Wood	FAIR	Stain		7.09	Negative	0.04 +/- 0.18
85	2nd	D	Bathroom 10	Door Casing	Wood	FAIR	White		1	Negative	0.01 +/- 0.03
86	2nd	D	Bathroom 10	Door Jamb	Wood	FAIR	White		1.5	Negative	0.01 +/- 0.04
87	2nd	D	Bathroom 10	Wall	Drywall	FAIR	White		1	Negative	0 +/- 0.02
88	2nd	A	Bathroom 10	Wall	Drywall	FAIR	White		1.11	Negative	0.01 +/- 0.03
89	2nd	B	Bathroom 10	Wall	Drywall	FAIR	White		1	Negative	0 +/- 0.02
90	2nd	C	Bathroom 10	Wall	Drywall	FAIR	White		1	Negative	0 +/- 0.02
91	2nd		Bathroom 10	Ceiling	Drywall	FAIR	White		1.6	Negative	0.01 +/- 0.03
92	2nd		Bedroom 11	Ceiling	Drywall	INTACT	White		1	Negative	0 +/- 0.02
93	2nd	A	Bedroom 11	Wall	Drywall	INTACT	White		4.22	Negative	0.03 +/- 0.11
94	2nd	B	Bedroom 11	Wall	Drywall	INTACT	White		3.04	Negative	0.02 +/- 0.06
95	2nd	C	Bedroom 11	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
96	2nd	D	Bedroom 11	Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
97	2nd	C	Bedroom 11	Clos. Wall	Drywall	INTACT	White		1	Negative	0 +/- 0.02
98	2nd	C	Bedroom 11	Clos. Shelf	Wood	INTACT	White		1.1	Negative	0 +/- 0.03
99	2nd	D	Bedroom 11	Door Casing	Wood	INTACT	White		1.23	Negative	0.01 +/- 0.03

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX A

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Client		Detroit Housing Commission - Procurement Division										
Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #	P-02167			Job#	128677		
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm ² +/- Precision	
100	2nd	D	Bedroom 11	Door Jamb	Wood	INTACT	White		1	Negative	0 +/- 0.02	
101	2nd	A	Bedroom 11	Win. Apron	Wood	INTACT	White		2	Negative	0.01 +/- 0.05	
102	2nd	A	Bedroom 12	Win. Apron	Wood	INTACT	White		1.21	Negative	0.07 +/- 0.09	
103	2nd	C	Bedroom 12	Door Casing	Wood	INTACT	White		1	Negative	0.05 +/- 0.07	
104	2nd	C	Bedroom 12	Door Jamb	Wood	INTACT	White		1.42	Negative	0.11 +/- 0.13	
105	2nd	D	Bedroom 12	Clos. Shelf	Wood	INTACT	White		1.77	Negative	0.13 +/- 0.16	
106	2nd	D	Bedroom 12	Door Casing	Wood	INTACT	White		1.58	Negative	0.09 +/- 0.13	
107	2nd	D	Bedroom 12	Door Jamb	Wood	INTACT	White		1.38	Negative	0.09 +/- 0.11	
108	2nd	D	Bedroom 12	Clos. Wall	Drywall	INTACT	White		1.69	Negative	0.1 +/- 0.12	
109	2nd	D	Bedroom 12	Wall	Drywall	INTACT	White		1.8	Negative	0.13 +/- 0.14	
110	2nd	A	Bedroom 12	Wall	Drywall	INTACT	White		1.81	Negative	0.11 +/- 0.13	
111	2nd	B	Bedroom 12	Wall	Drywall	INTACT	White		1.43	Negative	0.08 +/- 0.07	
112	2nd	C	Bedroom 12	Wall	Drywall	INTACT	White		2.01	Negative	0.12 +/- 0.16	
113	2nd		Bedroom 12	Ceiling	Drywall	INTACT	White		2.3	Negative	0.13 +/- 0.16	
114	2nd	C	Bedroom 12	Door	Wood	INTACT	Stain		1	Negative	0 +/- 0.02	
115	1st	D	Stair 3	Door	Wood	INTACT	White		1	Negative	0 +/- 0.02	
116	1st	D	Stair 3	Door Casing	Wood	INTACT	White		1	Negative	0 +/- 0.02	
117	1st	D	Stair 3	Baseboard	Wood	FAIR	White		1	Negative	0 +/- 0.04	
118	1st		Stair 3	Column	Wood	FAIR	White		7.29	Negative	0.1 +/- 0.33	
119	1st		Stair 3	Stair Tread	Wood	POOR	Grey		1	Negative	0.01 +/- 0.04	
120	1st	B	Stair 3	Stair Stringer	Wood	POOR	Grey		1.07	Negative	0.01 +/- 0.04	
121	1st	B	Stair 3	Door Jamb	Wood	POOR	White		1	Negative	0.01 +/- 0.03	
122	1st	B	Stair 3	Door	Wood	POOR	Stain		1	Negative	0 +/- 0.02	
123	1st	B	Stair 3	Wall	Drywall	INTACT	White		1.46	Negative	0.01 +/- 0.04	
124	1st	C	Stair 3	Wall	Drywall	INTACT	White		1.33	Negative	0.01 +/- 0.03	
125	1st	D	Stair 3	Wall	Drywall	INTACT	White		2.21	Negative	0.02 +/- 0.06	
126	1st		Stair 3	Ceiling	Drywall	INTACT	White		1.79	Negative	0.02 +/- 0.06	
127	Bsmt	D	Basement 13	Wall	Concrete	FAIR	White		3.15	Negative	0.01 +/- 0.04	
128	Bsmt	A	Basement 13	Wall	Concrete	FAIR	White		1	Negative	0 +/- 0.02	
129	Bsmt	B	Basement 13	Wall	Concrete	FAIR	White		1	Negative	0 +/- 0.02	
130	Bsmt	C	Basement 13	Wall	Concrete	FAIR	White		1	Negative	0 +/- 0.02	
131	Bsmt		Basement 13	Floor	Concrete	FAIR	Grey		1	Negative	0 +/- 0.02	
132	Bsmt	D	Basement 13	Stair Stringer	Wood	FAIR	White		1.45	Negative	0.01 +/- 0.04	

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX A

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Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #	P-02167			Job#	128677		
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm ² +/- Precision	
133	1st	A	Ext. House	Door Jamb	Wood	POOR	Brown		1	Negative	0.01 +/- 0.04	
134	1st	A	Ext. House	Door	Wood	POOR	Black		1	Negative	0 +/- 0.02	
135	1st	A	Ext. House	Ext. Gutter	Metal	POOR	White		1	Negative	0 +/- 0.02	
136	1st	D	Ext. House	Door Jamb	Wood	POOR	White		1	Negative	0 +/- 0.02	
137			CALIBRATE						1.11	Positive	1 +/- 0.1	
138			CALIBRATE						1.12	Positive	1.1 +/- 0.1	
139			CALIBRATE						1.13	Positive	1.1 +/- 0.1	

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX B

Lead Paint ONLY Samples - Ordered by Room

Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client		Detroit Housing Commission - Procurement Division										
Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #:		P-02167			Job #:		128677
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm² +/- Precision	

Of all the XRF paint samples taken, none were above the current regulatory limit of 1.0 mg/cm² and therefore are not considered to be lead based paint (LBP) by either HUD or the EPA. However, work on components with even lower levels of lead can create lead dust and care should be taken in all renovation activities. Further, OSHA regulations may still be in effect for work on these materials.

ETC - ENVIRONMENTAL SERVICES WILCO ENVIRONMENTAL

APPENDIX C

Potential Future Lead Paint Hazards - Ordered by Room

Please note: Post 1978 Construction, factory finished and unpainted items were not sampled

Client		Detroit Housing Commission - Procurement Division										
Survey Location:		9271 Meyers, Detroit, MI										
Survey Date:		07/30/09										
Inspectors:		Pablo Ferrari			License #:	P-02167			Job #:	128677		
Sample #	Floor	Wall / Side	Room and #	Component	Substrate	Visual Condition	Color	Note	Depth Index	Result	mg/cm² +/- Precision	

Of all the XRF paint samples taken, none were above the current regulatory limit of 1.0 mg/cm² and therefore are not considered to be lead based paint (LBP) by either HUD or the EPA. However, work on components with even lower levels of lead can create lead dust and care should be taken in all renovation activities. Further, OSHA regulations may still be in effect for work on these materials.

APPENDIX D

Maps of Residence

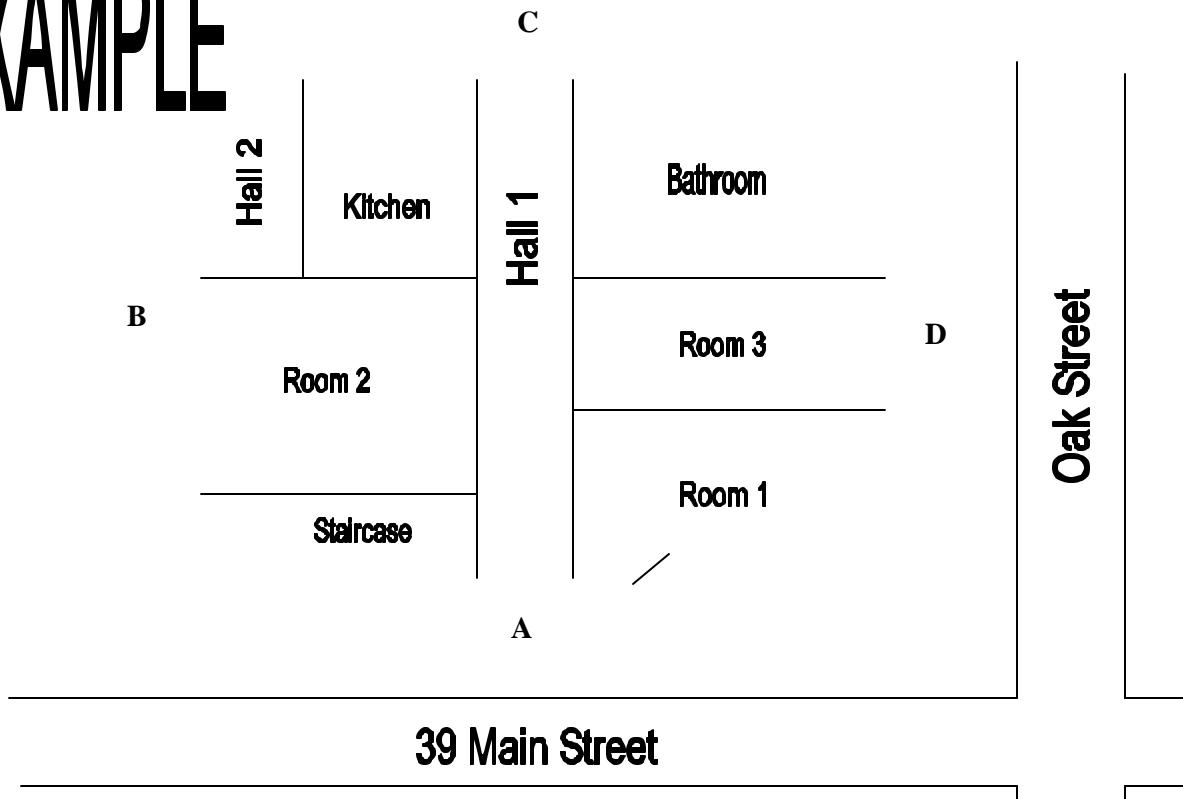
The inspection process uses a standard method of describing where lead paint is located. This is so that all parties involved will have a clear understanding as to what surfaces contain lead.

The outsides of the house will be lettered, starting with the letter A for the side of the house where the house gets its street address from. Starting at the A side, the rest of the house is lettered consecutively, clockwise around the house. Regardless of where the front door is located, the side of the house facing the street where the address is derived from will always be side A.

Inside the house, the process is much the same. The wall of each room that is nearest the A side of the house will be identified as wall A in the report. The wall nearest the B side will be labeled wall B, and so on.

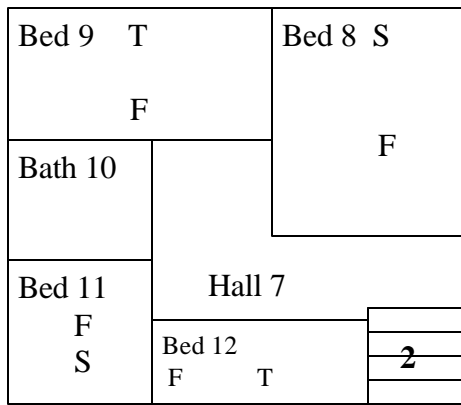
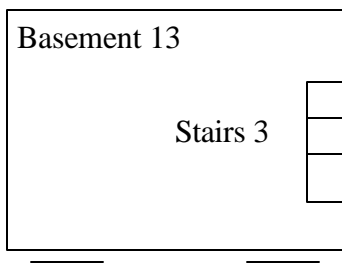
For identifying the rooms and other areas of the interior of the house, a numbering system is used. Most rooms, with the exception of the kitchen and bath could be used for different purposes. When numbers are used, deciphering which room is called what will not be required. See dwelling map and labeling to determine the locations of the tests and hazards.

EXAMPLE



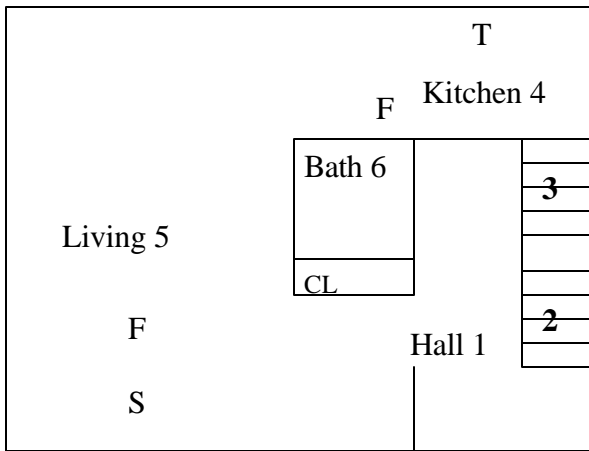
Side C

Vacant Residence
9271 Meyers
Detroit, MI



Side B

Side D



SS-1

F = Floor Dust Wipe Sample
S = Windowsill Dust Wipe Sample
T = Window Trough Dust Wipe Sample

Side A

Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

|| = Win- \ = Door ↔ = Sliding ⊥ = Pocket ↑↓ = Overhead

APPENDIX E

Resident Questionnaire and Building Condition Form

RESIDENT QUESTIONNAIRE

This residence was VACANT at the time of the inspection

1 Do any children under age 18 live in the home?	NO
2 How many? _____ Ages: _____, _____, _____, _____, _____	N/A
3 Any known elevated blood lead levels?	NO
4 Has a housing code violation ever been issued for this building?	NO
5 Are you aware of any lead paint hazards in this home?	NO
6 Location of children’s bedroom (Rooms # _____, _____, _____, _____, _____)	N/A
7 What room are toys stored? (Rooms # _____, _____, _____, _____)	N/A
8 Is there evidence of chewed, chipped, or peeling paints?	NO
9 Have any previous lead inspections or assessments been completed at this property?	N/A
10 Have any lead hazard control activities been conducted at this address?	N/A
11 How many buildings on this property?	ONE (1)
12 Date of construction?	Unknown
13 Which entrances are used most often?	VACANT
14 Which windows are opened most often? (Rooms # _____, _____, _____, _____)	VACANT
15 Do you have a garden?	NO
16 Are you planning any landscaping activities?	NO
17 How often is house cleaned?	VACANT
18 What cleaning methods are used?	VACANT
19 Have any renovation work items been completed in the last several years?	NO
20 Was debris stored in the yard?	NO
21 Do any household members work in a field that might expose them to lead?	NO
22 If yes to 21, where are work clothes stored for cleaning? (Rooms # _____)	N/A
23 Who was interviewed for this section?	VACANT

Building Condition Form

Address: 9271 Meyers

Job Number: 128677

Condition	Yes	No
Roof missing parts of surface covering?		X
Roof has holes or large cracks?		X
Gutters or downspouts broken? No Gutters		X
Chimney or masonry cracked, with loose or missing components, out of plumb or otherwise deteriorated?		X
Exterior or interior walls have large cracks, or damage requiring more than routine painting?		X
Exterior siding missing components?		X
Water stains on interior walls or ceilings?		X
Plaster walls deteriorated?	X	
Two or more windows or doors missing, broken or boarded up?		X
Porch or steps have major cracks, missing materials, structural leans, or visibly unsound?		X
Other conditions not listed		X
Total	1	10

APPENDIX F

Re-Evaluation Schedule Chart

Standard Reevaluation Schedule (See Notes to Table)

Schedule	Evaluation Results	Action Taken	Reevaluation Frequency	Visual Survey (by owner or owner's representative)
1	Combination risk assessment/inspection finds no leaded dust or soil and no lead-based paint	None	None	None
2	No lead-based paint hazards found during risk assessment conducted before hazard control or at clearance (hazards include dust and soil).	None	3 years	Annually and whenever information indicates a possible problem
3	The average of leaded dust levels on all floors, interior window sills, or window troughs sampled exceeds the applicable standard, but by less than a factor of 10.	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to, dust removal. This schedule does not include window replacement.	1 year, 2 years	Same as Schedule 2, except for encapsulants. The first visual survey of encapsulants should be done one month after clearance; the second should be done six months later and annually thereafter.
		B. Treatments specified in section A plus replacement of all windows with lead hazards	1 year	
		C. Abatement of all lead-based paint using encapsulation or enclosure	None	Same as Schedule 3 above
		D. Removal of all lead-based paint	None	None
4	The average of leaded dust levels on all floors, interiors window sills, or window troughs sampled exceeds the applicable standard by a factor of 10 or more	A. Interim controls and/or hazard abatement (or mixture of the two), including, but not necessarily limited to, dust removal. This schedule does not include window replacement.	6 months, 1 year, 2 years	Same as Schedule 3
		B. Treatments specified in section A plus replacement of all windows with lead hazards	6 months 2 years	Same as Schedule 3
		C. Abatement of all lead-based paint using encapsulation or enclosure	None	Same as Schedule 3
		D. Removal of all lead-based paint	None	None
5	No leaded dust or leaded soil hazards identified, but lead-based paint or lead-based paint hazards are found.	A. Interim controls or mixture of interim controls and abatement (not including window replacement)	2 years	Same as Schedule 3
		B. Mixture of interim controls and abatement, including window replacement	3 years	Same as Schedule 3
		C. Abatement of all lead-based paint hazards, but not all lead-based paint	4 years	Same as Schedule 3
		D. Abatement of all lead-based paint using encapsulation or enclosure	None	Same as Schedule 3
		E. Removal of all lead-based paint	None	
6	Bare leaded soil exceeds standard, but less than 5.000 µ g/g.	Interim controls	None	3 months to check new ground cover, then annually to identify new bare spots
7	Bare leaded soil greater than or equal to 5.000 µ g/g.	Abatement (paving or removal)	None	None for removal, annually to identify new bare spots or deterioration of paving

Standard Reevaluation Schedule (continued)

Notes to Table:

When more than one schedule applies to a dwelling, use the one with the most stringent reevaluation schedule. Do not use the results of a reevaluation for Schedule 2.

A lead-based paint hazard includes deteriorated lead-based paint and leaded dust and soil above applicable standards.

The frequency of reevaluations and the interval between reevaluations depends on the findings at each reevaluation and the action taken. For example, a dwelling unit or common area falling under Schedule 3.A would be reevaluated one year after clearance. If no lead-based paint hazards are detected at that time, the unit or area would be reevaluated again two years after the first reevaluation. If no hazards are found in the second reevaluation, no further reevaluation is necessary, but annual visual monitoring should continue.

If, on the other hand, the unit or common area fails a reevaluation, a new reevaluation schedule should be determined based on the results of the reevaluation and the action taken. For instance, if the reevaluation finds deteriorated lead-based paint but no lead-contaminated dust, and the action taken is paint stabilization, Schedule 5.A would apply, which indicates that the next reevaluation should be in two years. If, however, the owner of this same property decides to abate all lead-based paint hazards instead of doing only paint stabilization, the property would move to Schedule 5.C, which calls for reevaluation four years from the date of clearance after the hazard abatement.

Following another scenario, suppose a reevaluation of this same dwelling unit or common area finds that the average dust lead levels on sampled window troughs exceeds the applicable standard by a factor of 10 or more, but no other lead-based paint hazards. The owner conducts dust removal. In this case the next reevaluation would be six months after clearance.

The initial evaluation results determine which reevaluation schedule should be applied. An initial evaluation can be a risk assessment, a risk assessment/inspection combination, or, if the owner has opted to bypass the initial evaluation and proceed directly to controlling suspected hazards, a combination risk assessment/clearance examination. This type of clearance must be conducted by a certified risk assessor, who should determine if all hazards were in fact controlled. The results of the initial clearance dust tests, soil sampling and visual examination should be used to determine the appropriate schedule. If repeated cleaning was necessary to achieve clearance, use the results of the dust tests before repeated cleaning was performed for schedule determination.

If a unit fails two consecutive reevaluations, the reevaluation interval should be reduced by half and the number of reevaluations should be doubled. If deteriorated lead-based paint hazards continue to occur, then the offending components/surfaces should be abated. If dwellings with dust hazards but no paint-related hazards repeatedly fail reevaluations, the exterior source should be identified (if identification efforts fail, regular dust removal efforts are needed).

APPENDIX G

Asbestos Sample Results and Sampling Paperwork

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
 Romulus, MI 48174

ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
 Analyzed by: TLW

Client Job/P.O. #: R-128677-09

Project Location: 9271 Meyer
 Detroit, MI

Note: Any PLM results below 10% should be re-analyzed using the EPA recommended Point Count method.

The data and information presented herein, while not guaranteed, are to the best of our knowledge accurate. No warranty or guarantee, implied or expressed, is made regarding these analytical results, since acquiring and properly preserving representative samples are beyond ETL control. ETL will not assume any liability or responsibility for the manner in which the results are used or interpreted. Reproduction of this document other than in its entirety is not authorized by ETL, Inc.

Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54005	01A	White Drywall, Non-Friable, Living Room	N	- Chrysotile	15 Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	85 Other
54006	01B	White Drywall, Non-Friable, Kitchen	N	- Chrysotile	15 Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	85 Other
54007	01C	White Drywall, Non-Friable, Stairs	N	- Chrysotile	15 Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	85 Other

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
 Romulus, MI 48174

ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
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 Detroit, MI

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Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54008	02A	White Drywall Joint Compound, Non-Friable, Living Room	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other
54009	.2B	White Drywall Joint Compound, Non-Friable, Kitchen	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other
54010	02C	White Drywall Joint Compound, Non-Friable, 2nd Floor	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
 Romulus, MI 48174

ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
 Analyzed by: TLW

Client Job/P.O. #: R-128677-09

Project Location: 9271 Meyer
 Detroit, MI

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Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54011	03A	White 12 Inch x 12 Inch Floor Tile, Non-Friable, Living Room	N	- Chrysotile - Amosite - Crocidolite - Tremolite - - - ND % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other 100
54012	03B	White 12 Inch x 12 Inch Floor Tile, Non-Friable, Kitchen	N	- Chrysotile - Amosite - Crocidolite - Tremolite - - - ND % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other 100
54013	03C	White 12 Inch x 12 Inch Floor Tile, Non-Friable, Hallway	N	- Chrysotile - Amosite - Crocidolite - Tremolite - - - ND % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other 100

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
 Romulus, MI 48174

ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
 Analyzed by: TLW

Client Job/P.O. #: R-128677-09

Project Location: 9271 Meyer
 Detroit, MI

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Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54014	04A	Brown Exterior Caulk, Non-Friable, Exterior	Y	3 - Chrysotile - Amosite - Crocidolite - Tremolite - - - - 3 % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other 97
54015	04B	Brown Exterior Caulk, Non-Friable, Exterior	Not Analyzed	- Chrysotile - Amosite - Crocidolite - Tremolite - - - - % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other
54016	04C	Brown Exterior Caulk, Non-Friable, Exterior	Not Analyzed	- Chrysotile - Amosite - Crocidolite - Tremolite - - - - % Asbestos	- Cellulose - Gypsum - Fiberglass - Calcite - Quartz - Non-fibrous - Other

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
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ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
 Analyzed by: TLW

Client Job/P.O. #: R-128677-09

Project Location: 9271 Meyer
 Detroit, MI

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Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54017	05A	Brown Cove Base, Non-Friable, Living Room	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	100 Other
54018	05B	Brown Cove Base, Non-Friable, Hallway 1st Floor	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	100 Other
54019	05C	Brown Cove Base, Non-Friable, Living Room	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND % Asbestos	100 Other

Polarized Light Microscopy Asbestos Analysis Report

Client: Environmental Testing & Consulting, Inc.
 38900 West Huron River Drive
 Romulus, MI 48174

ETL Project #: N/A
 Sample Date: 7-27-09
 Submitted Date: 7-27-09
 Sampled by: George Watkins
 Analyzed by: TLW

Client Job/P.O. #: R-128677-09

Project Location: 9271 Meyer
 Detroit, MI

Note: Any PLM results below 10% should be re-analyzed using the EPA recommended Point Count method.



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Lab Code	Sample Code	Sample Description	Asbestos Found (Yes/No)	Percent and Type of Asbestos	Percent of Other Materials Found
ND = None Detected					
54020	06A	Yellow Cove Base Mastic , Non-Friable, Living Room	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other
54021	06B	Yellow Cove Base Mastic, Non-Friable, Hallway 1st Floor	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other
54022	06C	Yellow Cove Base Mastic, Non-Friable, Living Room	N	- Chrysotile	- Cellulose
				- Amosite	- Gypsum
				- Crocidolite	- Fiberglass
				- Tremolite	- Calcite
				-	- Quartz
				-	- Non-fibrous
				ND	100
				% Asbestos	Other

Appendix C



9271 Meyers Rd
Detroit, Michigan
MCE Project # 70174

Photograph Number	Photograph	Caption
001		View of the front of the residential dwelling with fire damage, facing west.
002		View of the concrete paved driveway to the north of the residential dwelling, facing west.





9271 Meyers Rd
Detroit, Michigan
MCE Project # 70174

Photograph Number	Photograph	Caption
003	A close-up photograph of a brick wall and a damaged porch. The brickwork is reddish-brown and shows signs of weathering. The porch structure above is charred and partially collapsed, with a wooden support post visible. The sky is overcast and grey.	View of the north side of the house and front porch showing fire damage, facing south.
004	A wide-angle photograph of a backyard enclosed by a chain-link fence. The ground is covered with dry leaves and sparse grass. In the background, there are bare trees and other houses in a residential neighborhood under a cloudy sky.	View of the backyard, facing west.



9271 Meyers Rd
Detroit, Michigan
MCE Project # 70174

Photograph Number	Photograph	Caption
005	 A photograph showing the rear of a two-story residential building. The building has a brick lower level and a grey siding upper level. There is significant fire damage, with black charring and missing siding on the upper level. Two windows are boarded up with plywood. The yard in front is covered in dry, brown leaves. To the left is another house with white siding and a yellow lower level. A tall evergreen tree is on the right.	View of the rear of the residential dwelling, illustrating the fire damage, facing east.
006	 A close-up photograph of a roof showing severe fire damage. The asphalt shingles are missing, charred, and peeling away, revealing the underlying wooden sheathing. A piece of plywood is placed on the roof to the left of the damaged area. A brick wall is visible at the bottom left, and some wires are hanging down.	View of the fire damage on the rear of the residential dwelling, facing east.





9271 Meyers Rd
 Detroit, Michigan
 MCE Project # 70174

Photograph Number	Photograph	Caption
007		<p>Photo of the Notice of Hearing posted by the City of Detroit Office of the City Clerk.</p>
008		<p>View of the north adjoining residential property, facing north.</p>



9271 Meyers Rd
Detroit, Michigan
MCE Project # 70174

Photograph Number	Photograph	Caption
009		View of the east adjoining residential properties, facing east.
010		View of the south adjoining residential property, facing south.



9271 Meyers Rd
Detroit, Michigan
MCE Project # 70174

Photograph Number	Photograph	Caption
011	 A photograph showing a residential area viewed from a distance. In the foreground, there is a chain-link fence and some overgrown vegetation. In the middle ground, there are several trees, some with bare branches, and a utility easement with power lines. In the background, there are residential houses with red roofs.	View of the west adjoining electric utility easement and residential properties, facing west.

APPENDIX 7
ENDANGERED SPECIES

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Wayne County, Michigan



Local office

Michigan Ecological Services Field Office

☎ (517) 351-2555

📅 (517) 351-1443

2651 Coolidge Road Suite 101
East Lansing, MI 48823-6360

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

-
1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
<p>Indiana Bat <i>Myotis sodalis</i> Wherever found There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/5949</p>	Endangered

Birds

NAME	STATUS
<p>Rufa Red Knot <i>Calidris canutus rufa</i> Wherever found This species only needs to be considered if the following condition applies: <ul style="list-style-type: none"> Only actions that occur along coastal areas during the Red Knot migratory window of MAY 1 - SEPTEMBER 30. There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/1864</p>	Threatened

Reptiles

NAME	STATUS
<p>Eastern Massasauga (=rattlesnake) <i>Sistrurus catenatus</i> Wherever found This species only needs to be considered if the following condition applies: <ul style="list-style-type: none"> For all Projects: Project is within EMR Range No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2202</p>	Threatened

Insects

NAME	STATUS
------	--------

Monarch Butterfly *Danaus plexippus*

Proposed Threatened

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

<https://ecos.fws.gov/ecp/species/9743>

Flowering Plants

NAME

STATUS

Eastern Prairie Fringed Orchid *Platanthera leucophaea*

Threatened

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/601>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA)¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>

- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
<p>Canada Warbler <i>Cardellina canadensis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 20 to Aug 10
<p>Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Mar 15 to Aug 25

Red-headed Woodpecker *Melanerpes erythrocephalus* Breeds May 10 to Sep 10
 This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Rusty Blackbird *Euphagus carolinus* Breeds elsewhere
 This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Wood Thrush *Hycocichla mustelina* Breeds May 10 to Aug 31
 This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the

probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

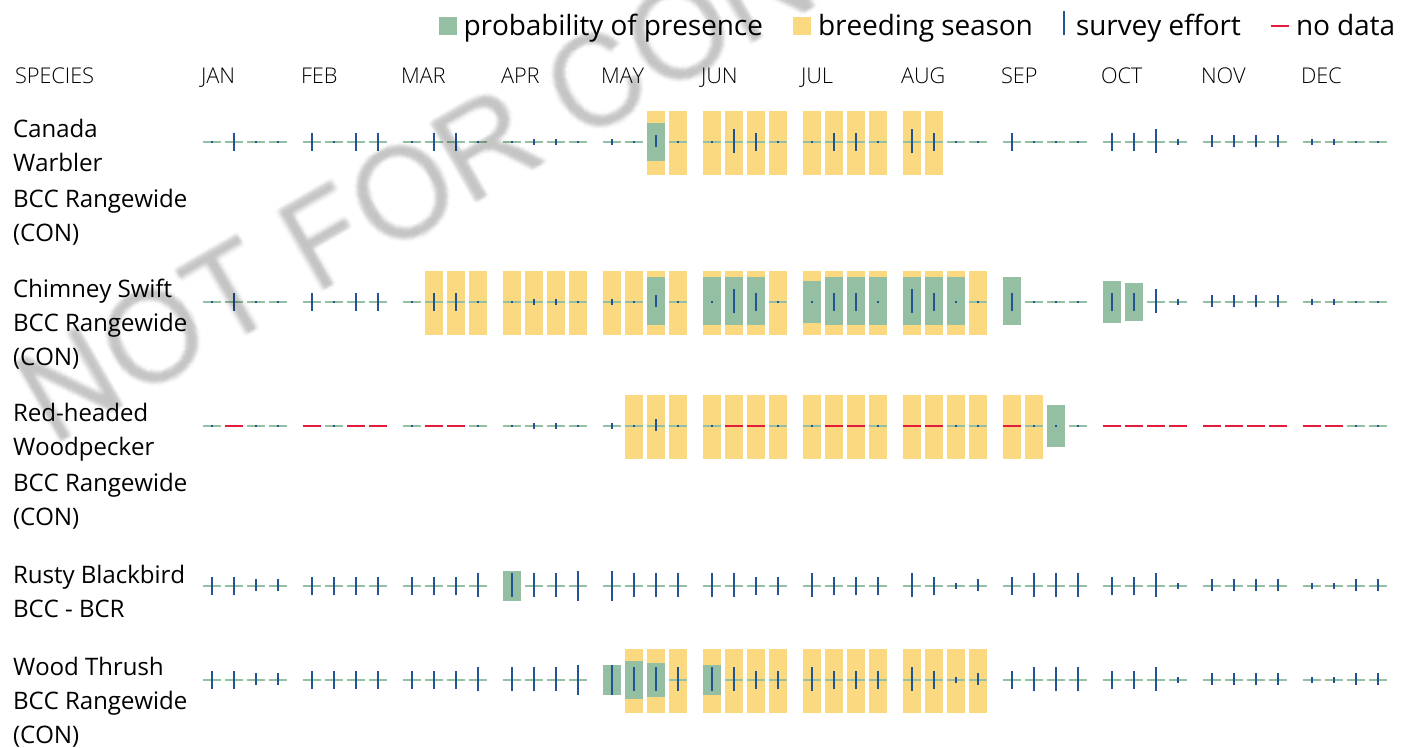
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be

present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

APPENDIX 8
EXPLOSIVES AND FLAMMABLES



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Explosive and Flammable Hazards (CEST and EA) – PARTNER

<https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities>

1. Does the proposed HUD-assisted project include a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

No

→ Continue to Question 2.

Yes

Explain:

Click here to enter text.

→ Continue to Question 5.

2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Yes → Continue to Question 3.

3. Within 1 mile of the project site, are there any current or planned stationary aboveground storage containers:

- Of more than 100-gallon capacity, containing common liquid industrial fuels OR
- Of any capacity, containing hazardous liquids or gases that are not common liquid industrial fuels?

No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.

Yes → Continue to Question 4.

4. Is the Separation Distance from the project acceptable based on standards in the Regulation?

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the “assessed tank.”

No

→ Continue to Question 6.

Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the “assessed tank.”

5. Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

No

→ Continue to Question 6.

Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to make the Separation Distance acceptable, including the timeline for implementation. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

[Click here to enter text.](#)

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

The project does not involve residential densities and the radius map indicates no ASTs are within 0.25 miles (See Appendix 6 of the Environmental Review).

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	2	-	-	2
RCRA NON GEN	Y	0.25	0	0	2	-	-	2
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	1	4	22	27
DELISTED CONTAM	Y	1	0	0	1	0	2	3
DELISTED SHWS	Y	1	0	0	1	0	3	4
SITE CLEANUP	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
WASTE	Y	0.5	0	0	6	31	-	37
RECYCLING	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	1	10	-	11
DELISTED LUST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	1	-	-	1
AST	Y	0.25	0	0	0	-	-	0
UNREG TANK	Y	0.25	0	0	0	-	-	0
TANK FACILITY	Y	0.25	0	0	0	-	-	0
DELISTED TANK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	1	0	-	1
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BFLD REDEV	Y	0.5	0	0	0	0	-	0
BFLD UST	Y	0.5	0	0	0	0	-	0
NFA RES	Y	0.5	0	0	1	0	-	1
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
BFLD GRAND RAPIDS	Y	0.5	0	0	0	0	-	0

Additional Environmental Records

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	4	-	-	-	4
BEA	Y	1	0	0	3	6	37	46
PFAS	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	3	-	-	3

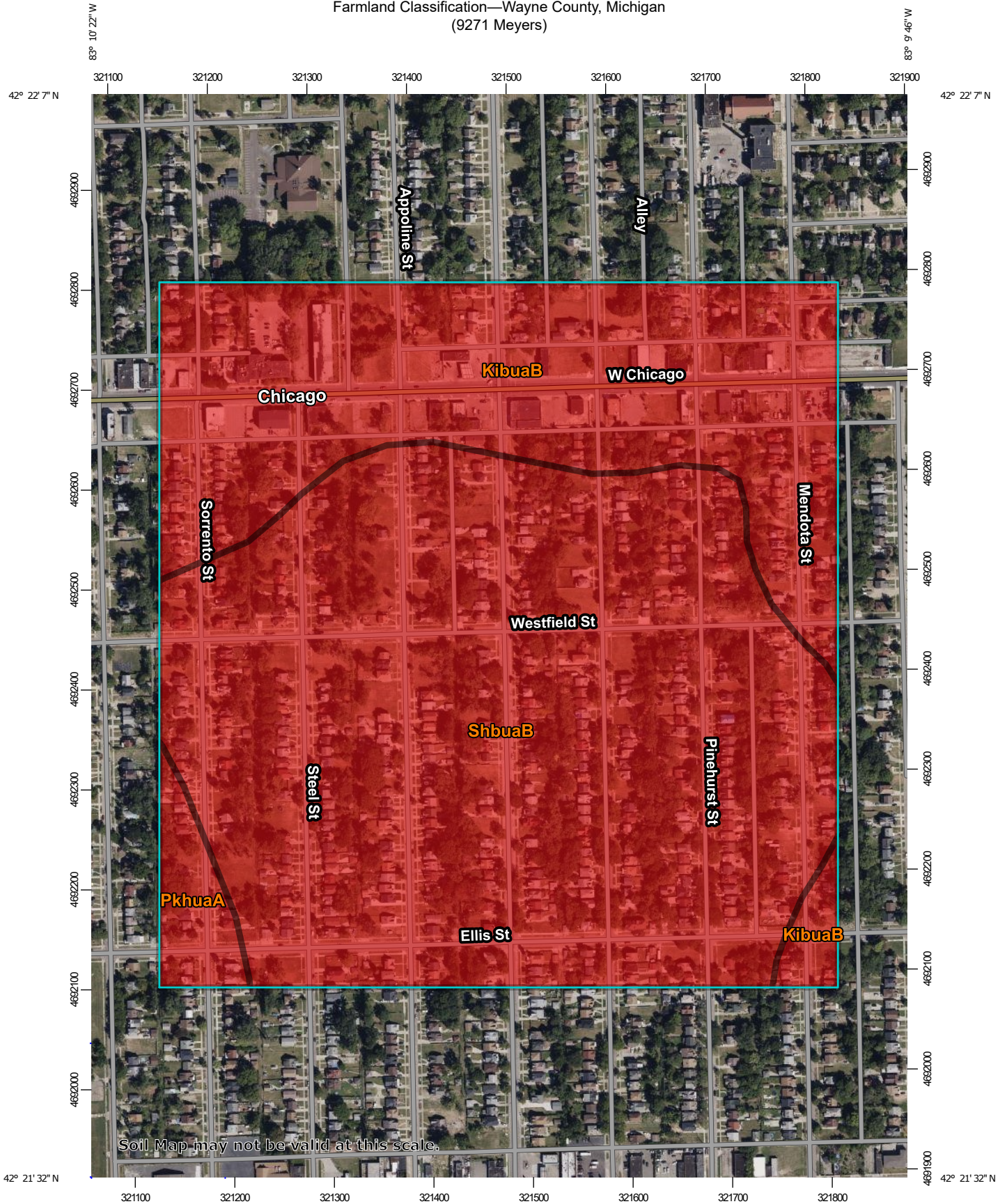
Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
LIEN	Y	PO	0	-	-	-	-	0
Tribal	No Tribal additional environmental record sources available for this State.							
County								
CDL KALAMAZOO	Y	0.125	0	0	-	-	-	0
Total:			0	4	23	51	64	142

* PO – Property Only

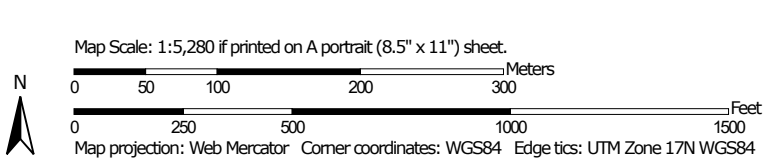
* 'Property and adjoining properties' database search radii are set at 0.25 miles.

APPENDIX 9
FARMLAND PROTECTION

Farmland Classification—Wayne County, Michigan
(9271 Meyers)




Soil Map may not be valid at this scale.



Farmland Classification—Wayne County, Michigan
(9271 Meyers)









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60


































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available

Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Wayne County, Michigan
(9271 Meyers)

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium		Farmland of unique importance		Prime farmland if subsoiled, completely removing the root inhibiting soil layer
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Soil Rating Points Not prime farmland		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season		Prime farmland if drained		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance
	Farmland of statewide importance, if drained		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if thawed		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if drained
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season				Farmland of local importance		Prime farmland if irrigated and drained		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
	Farmland of statewide importance, if irrigated				Farmland of local importance, if irrigated		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated

Farmland Classification—Wayne County, Michigan
(9271 Meyers)

Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	Farmland of unique importance Not rated or not available	The soil surveys that comprise your AOI were mapped at 1:12,000.
Farmland of statewide importance, if irrigated and drained	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season	Water Features Streams and Canals	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.
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season	Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season	Transportation Rails Interstate Highways US Routes Major Roads Local Roads	
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer	Farmland of statewide importance, if warm enough	Background Aerial Photography	Please rely on the bar scale on each map sheet for map measurements.
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	Farmland of statewide importance, if thawed		Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)
	Farmland of local importance		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.
	Farmland of local importance, if irrigated		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 10, Aug 28, 2024
			Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.
			Date(s) aerial images were photographed: Sep 8, 2022—Oct 4, 2022
			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.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
KibuaB	Kibbie-Urban land complex, 0 to 4 percent slopes	Not prime farmland	38.6	32.3%
PkhuaA	Parkhill-Urban land complex, 0 to 2 percent slopes	Not prime farmland	3.3	2.7%
ShbuaB	Shebeon-Urban land complex, 0 to 4 percent slopes	Not prime farmland	77.5	64.9%
Totals for Area of Interest			119.3	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

APPENDIX 10
FLOODPLAIN MANAGEMENT

National Flood Hazard Layer FIRMette

83°10'45"W 42°22'N



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Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth *Zone AE, AO, AH, VE, AF*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drain areas of less than one square mile *Zone X_a*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone X_{in}*

OTHER AREAS

- Area of Minimal Flood Hazard *Zone X*
- Effective LOMR
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

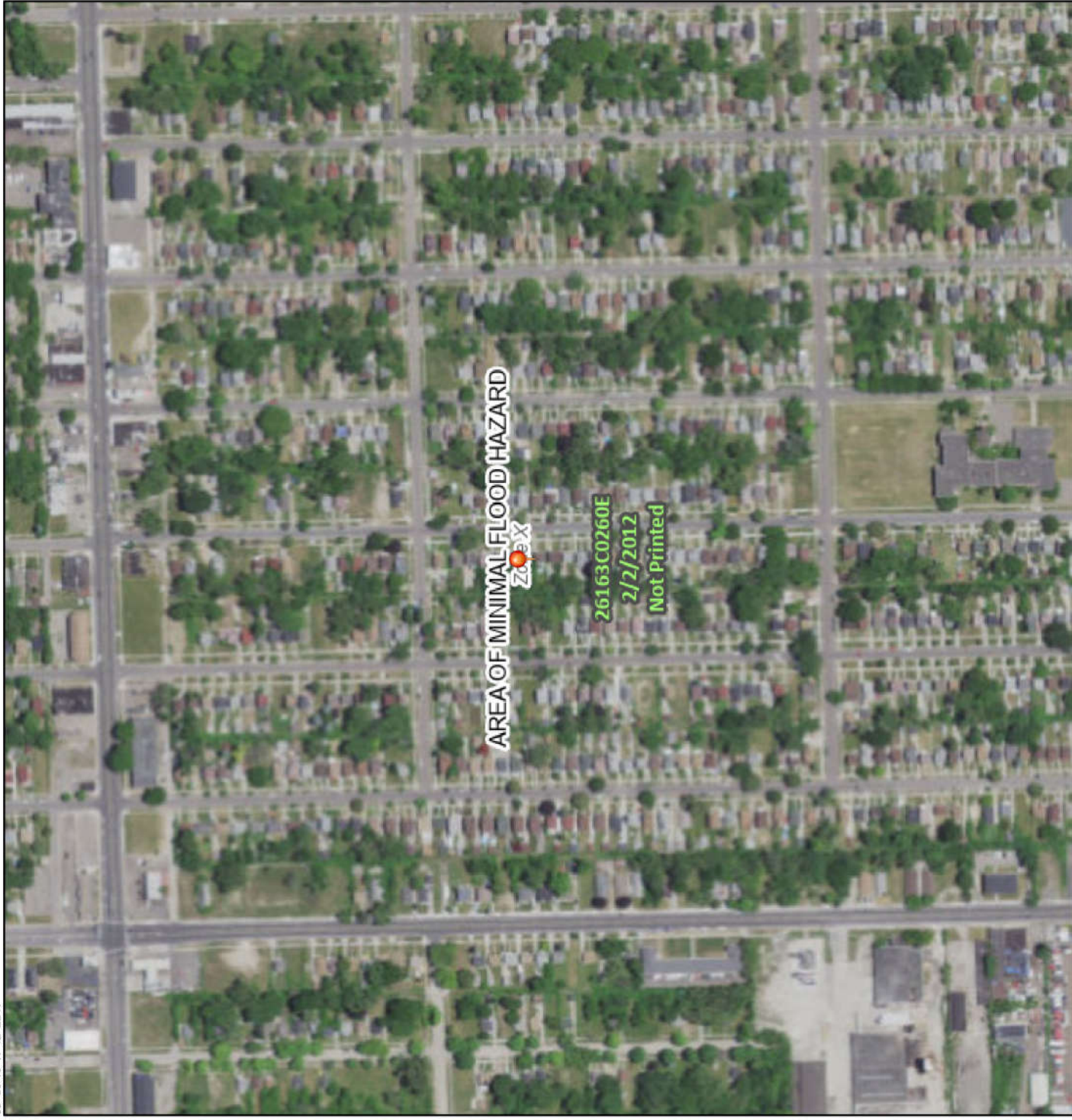
- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/14/2022 at 2:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



83°10'8"W 42°21'33"N

0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map; Orthoimagery: Data refreshed October, 2020

APPENDIX 11
HISTORIC PRESERVATION



Coleman A. Young Municipal Center
 2 Woodward Avenue, Suite 908
 Detroit, Michigan 48226

Phone: 313.224.6380
 Fax: 313.224.1629
 www.detroitmi.gov

March 2, 2022

Penny Dwoinen
 City of Detroit Housing & Revitalization Department
 Coleman A. Young Municipal Center
 2 Woodward Avenue, Suite 908
 Detroit, MI 48226

RE: Section 106 Review of the DHC Five Year Review Single-Family Action Plan

Dear Mrs. Dwoinen,

Under the authority of the National Historic Preservation Act (NHPA) of 1966, as amended, and the “Programmatic Agreement between the Michigan State Historic Preservation Office and the City of Detroit, Michigan...,” dated November 9, 2016, the City of Detroit has reviewed this project and has determined it to be an undertaking as defined by 36 CFR 800.16(y).

Based on the information provided on February 4, 2022, we have determined that the following addresses are not listed or eligible for listing in the National Register of Historic Places (NRHP). Additionally, per Stipulation VI.A.1 and VI.B.1 of Programmatic Agreement (PA), the proposed undertaking is excluded from review by the SHPO’s archaeologist or the Tribes who have concurred on the PA.

10001 Hubbell	14861 Mark	16523 Mark	17201 Freeland
11360 Strathmoor	Twain	Twain	17214
11722 Sussex	15095 Heyden	16612 Strathmoor	Woodingham
12031 Coyle	15312 Vaughn	16625 Monte	17503 Santa
13151 Birwood	15364 Robson	Vista	Barbara
13222 Sussex	15724 Ardmore	16643 Cruise	17554 Strathmoor
13359 Prest	15728 Steel	16750 Biltmore	17560
13621 Rutherford	15737 Appoline	16750 Lindsay	Woodingham
13660 Wadsworth	15759 Lauder	16752 Rutherford	17570 Santa
13673 Castleton	15778 Mendota	16754 Mansfield	Barbara
13745 Thornton	15780 Rutherford	16762 Murray	17579 Santa
13970 Prevost	15811 Coyle	Hill	Barbara
14320 Braile	15901 Rutherford	16880 Biltmore	17595 Strathmoor
14335 St Mary’s	15916 Lauder	16909 Monte	17609 Steel
14426 St Mary’s	16053 Ellsworth	Vista	18003 Steel
14535 St Mary’s	1614 Anabelle	16918 Ward	18026 Mendota
14550 Vaugh	16149 Marlowe	17150	18041 Archdale
14641 Braile	16191 Griggs	Woodingham	18076 Griggs
14859 Terry	16192 Manor	17151 Santa	18079 Sussex
		Barbara	18080 Pinehurst



**Housing and Revitalization
Department**

Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 908
Detroit, Michigan 48226

Phone: 313.224.6380
Fax: 313.224.1629
www.detroitmi.gov

18091 Stansbury	18652 Asbury	19309 Snowden	2736 Burlingame
18096 Mansfield	Park	19335 Stansbury	5035 Underwood
18100 Fenmore	18654 Ilene	19367 Cherrylawn	8028 Prest
18225 Appoline	18672 Griggs	19381 Teppert	8061 Terry
18227 Washburn	18682 Tracey	19400 Grandview	8061 Whitcomb
18279 Lindsay	18685 Sussex	19436 Pennington	8069 Cheyenne
18287 Pinehurst	18686 Kentucky	19461 Burt	8074 Robson
18292 Rosemont	18690 Forrer	19462 Burt Rd	8139 Whitcomb
18308 Monte	18690 Murray	19496 Freeland	8209 Lauder
Vista	Hill	19501 Annchester	8229 Hubbell
18314 Margareta	18696 Washburn	19507 Rutherford	8233 Northlawn
18400 Harlow	18701 Indiana	19508 Rutherford	8244 Carlin
18400 Stoepel	18708 Freeland	19711 Strathmoor	8250 Normile
18411 Wisconsin	18719 Mansfield	19736 Murray	8295 Terry
18424 Washburn	18913 Indiana	Hill	8434 Grandville
18429 Ohio	18916 Roselawn	19750 Appoline	8525 Lauder
18431 Coyle	18933 Westphalia	19809 Tracey	8527 W 7 Mile
18450 Littlefield	18950 Mansfield	19911 Strathmoor	Road
18453 Appoline	18952 Indiana	20012 Mark	8890 Warwick
18453 Ardmore	19141	Twain	8923 Terry
18474 Hartwell	Westmoreland	20037 Greenview	9106 Prest
18480 Whitcomb	19143 Avon	20075 Gilchrist	9237 Cheyenne
18485 Biltmore	19171 Griggs	20101 Hartwell	9271 Meyers
18509 Monica	19181 Indiana	20112 Mark	9324 Whitcomb
18516 Kentucky	19189	Twain	9370 Prest
18575 Greeley	Edinborough	20160 Stansbury	9601 Terry
18610 Prevost	19191 Wisconsin	20191 Steel	9986 Asbury Park
18610 Tracey	19233 Conley	20458 Mark	9991 Hartwell
18611 Appoline	19303	Twain	
18619 Ardmore	Westmoreland	21438 Pembroke	
18630 Prairie	19306 Forrer	2255 Lawrence	

Single-family home repair on the above listed addresses may proceed without further coordination with the Preservation Specialist. If you have any questions, please contact Tiffany Ciavattone at CiavattoneT@detroitmi.gov.

Sincerely,

Tiffany Ciavattone
Preservation Specialist



**Housing and Revitalization
Department**

Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 908
Detroit, Michigan 48226

Phone: 313.224.6380
Fax: 313.224.1629
www.detroitmi.gov

City of Detroit
Housing & Revitalization Department

CC: Kim Siegel
Matt Lents

APPENDIX 12
NOISE ABATEMENT AND CONTROL



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Noise (CEST Level Reviews) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control>

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.
→ Continue to Question 4.

- Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.
→ Continue to Question 2.

- None of the above

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?

- Yes

Indicate the type of measures that will apply (check all that apply):

- Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)
- Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)
- Other (explain below)

[Click here to enter text.](#)

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any documentation.

- No

→ Continue to Question 3.

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Describe findings of the Preliminary Screening:

[Click here to enter text.](#)

→ *Continue to Question 6.*

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

- There are no noise generators found within the threshold distances above.

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.*

- Noise generators were found within the threshold distances.

→ *Continue to Question 5.*

5. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

- Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.*

- Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

Is the project in a largely undeveloped area¹?

- No → ***The project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i).***

- Yes → ***The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i).***

→ *Work with the RE/HUD to elevate the level of review. Provide noise analysis, including noise level and data used to complete the analysis. Continue to Question 6.*

- Unacceptable: (Above 75 decibels)

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

Indicate noise level here: [Click here to enter text.](#)

The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Work with HUD or the RE to either complete an EIS or obtain a waiver signed by the appropriate authority.

→ Continue to Question 6.

6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Work with the RE/HUD on the development of the mitigation measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Mitigation as follows will be implemented:

[Click here to enter text.](#)

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.

Continue to the Worksheet Summary.

No mitigation is necessary.

Explain why mitigation will not be made here:

[Click here to enter text.](#)

→ Continue to the Worksheet Summary.

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

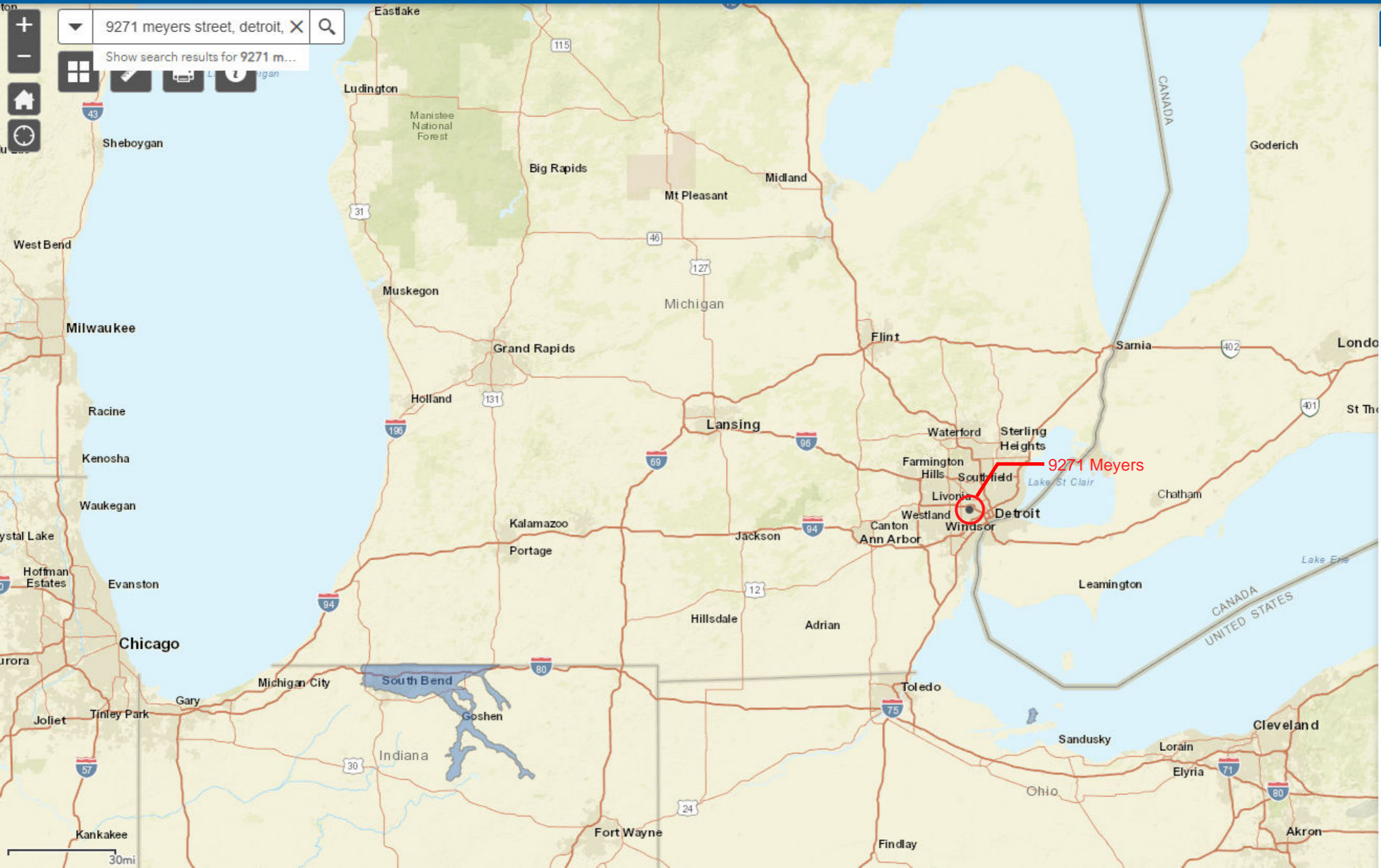
[Click here to enter text.](#)

APPENDIX 13
SOLE SOURCE AQUIFERS



9271 meyers street, detroit, X

Show search results for 9271 m...

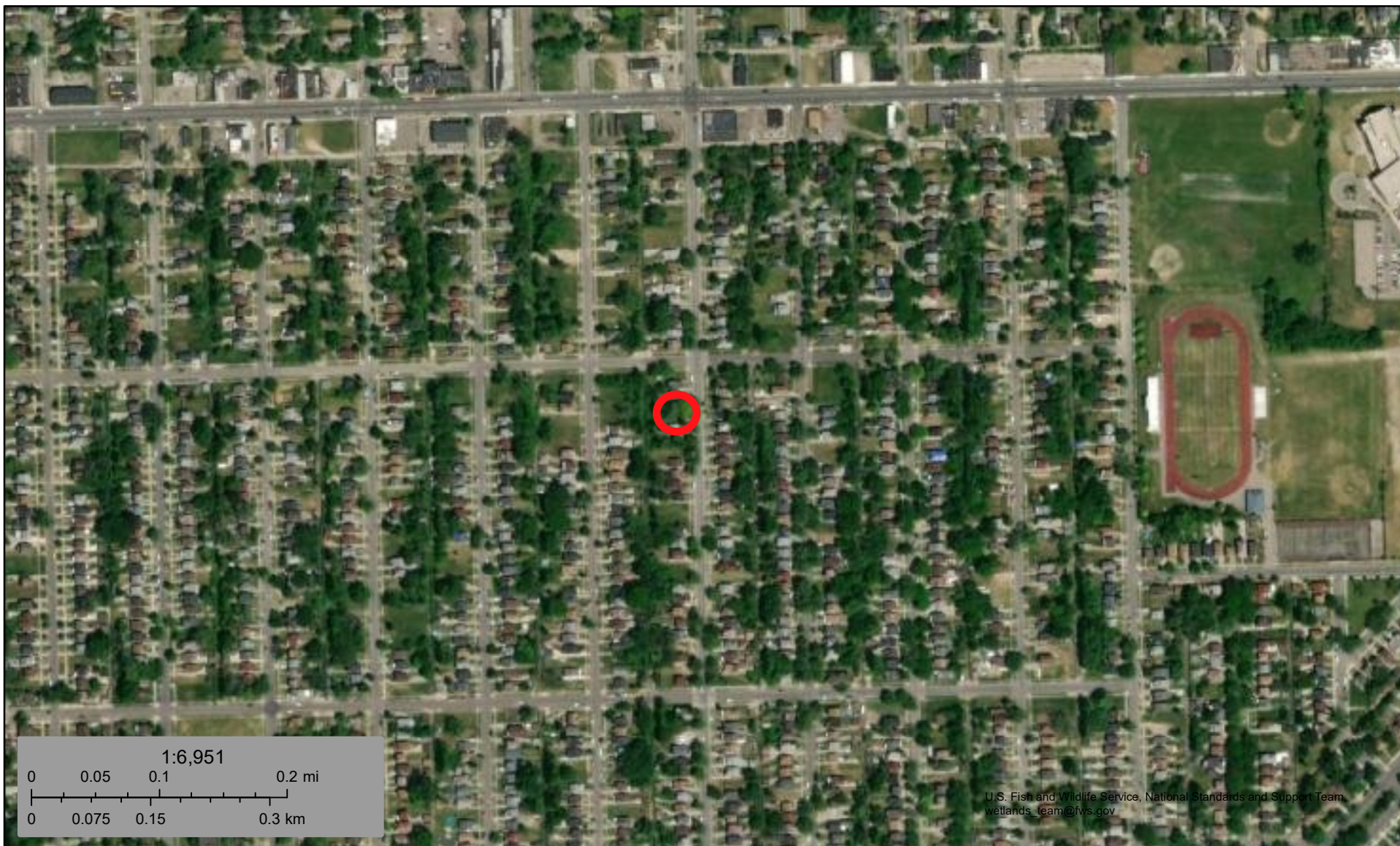


Legend

Sole_Source_Aquifers







APPENDIX 14
WETLAND PROTECTION



December 17, 2024

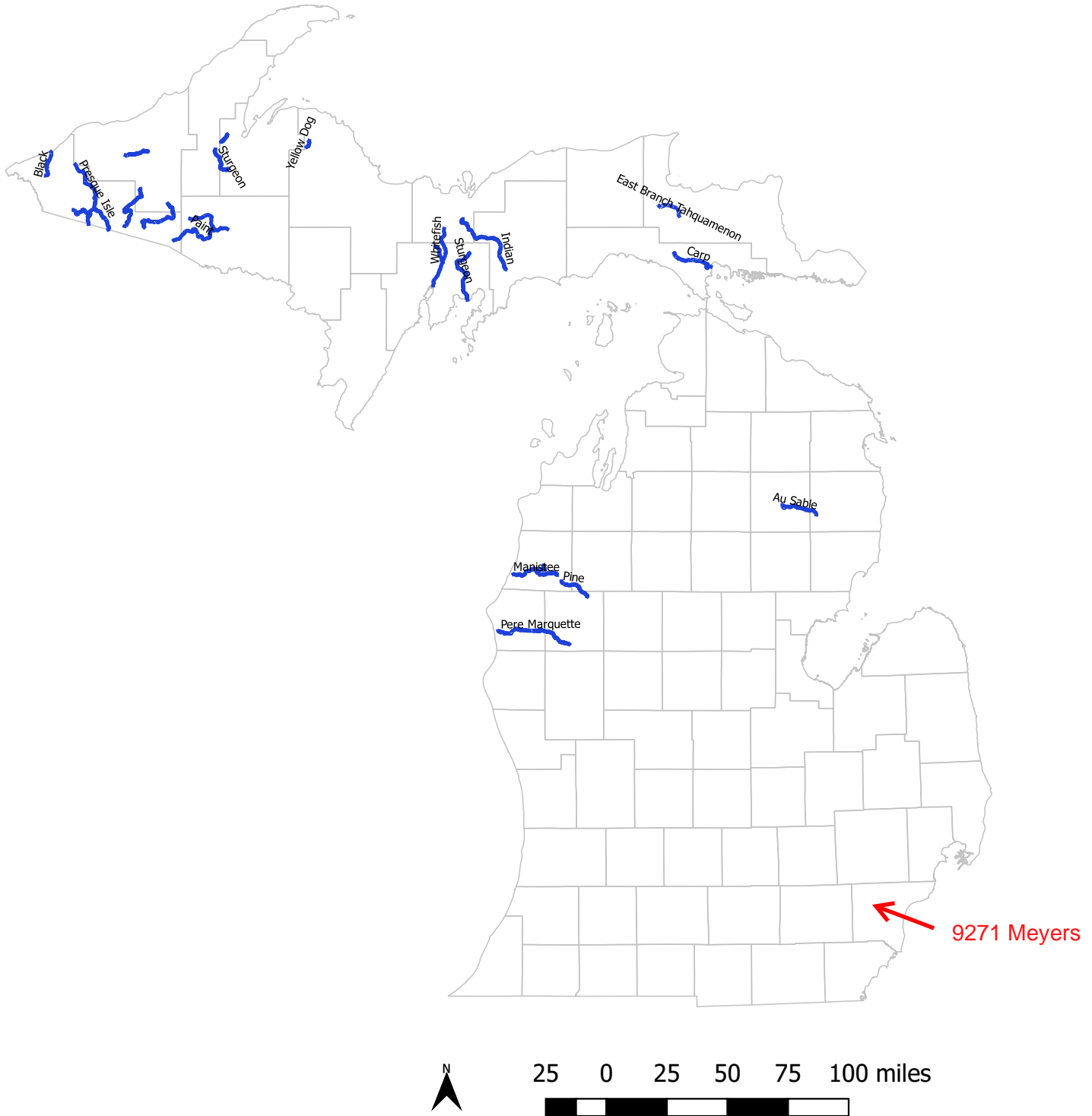
Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX 15
WILD AND SCENIC RIVERS

Michigan Wild and Scenic Rivers



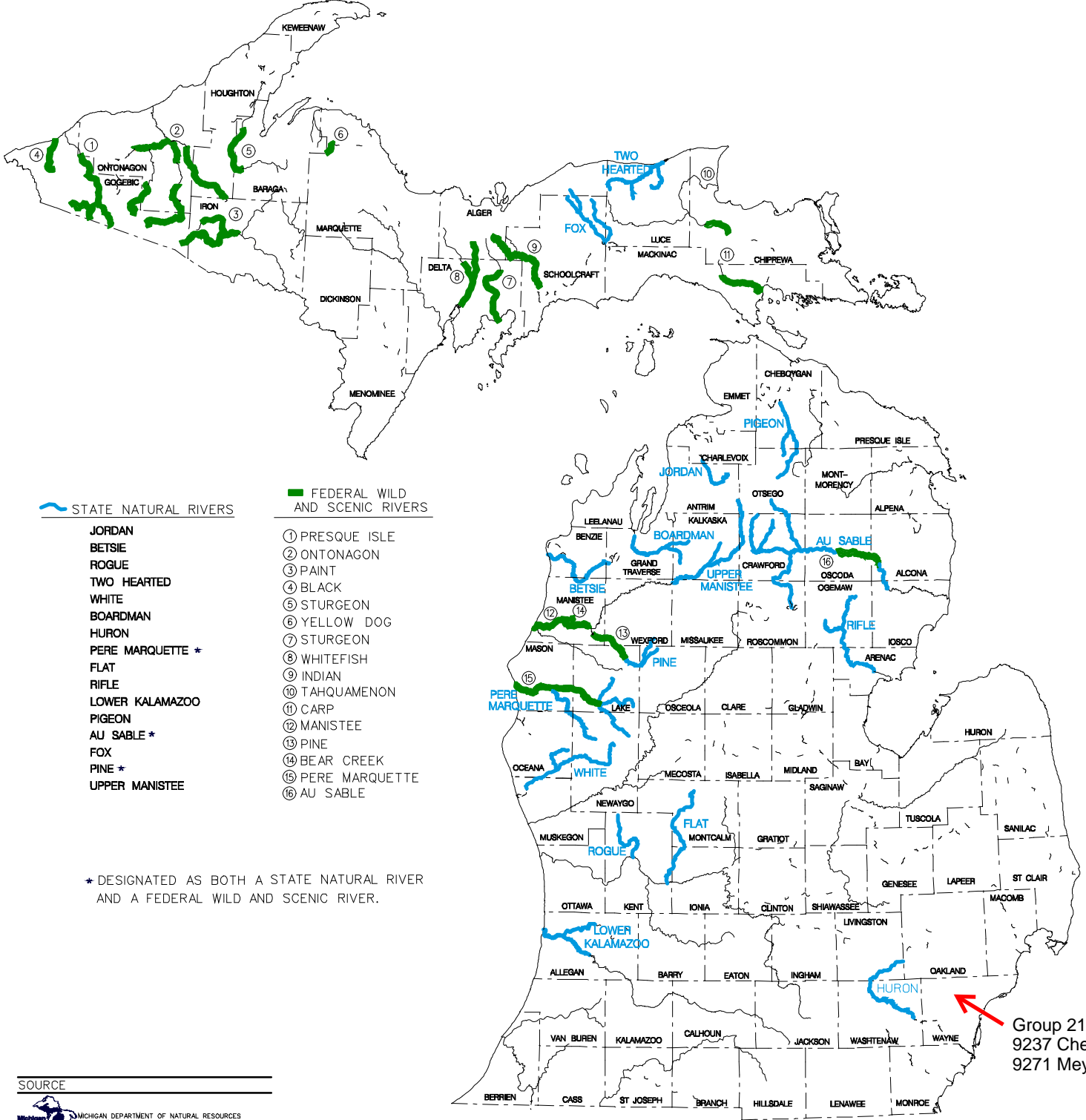
Legend

— National Wild and Scenic Rivers System

Source: National Wild and Scenic Rivers System

Website (<https://www.rivers.gov/mapping-gis.php>).

MICHIGAN'S NATURAL AND WILD & SCENIC RIVERS



Group 21
9237 Cheyenne
9271 Meyers

SOURCE

DNR MICHIGAN DEPARTMENT OF NATURAL RESOURCES
FOREST, MINERAL AND FIRE MANAGEMENT DIVISION

Michigan Resource Information System
Part 609, Resource Inventory, of the Natural Resource and
Environmental Protection Act, 1994 PA 451, as amended

OCTOBER 2003

NOTE: ALL RIVERS INCLUDE SOME OR ALL TRIBUTARIES



NATIONAL WILD AND SCENIC RIVERS SYSTEM



NATIONAL SYSTEM

MANAGEMENT

RESOURCES

PUBLICATIONS

CONTACT US

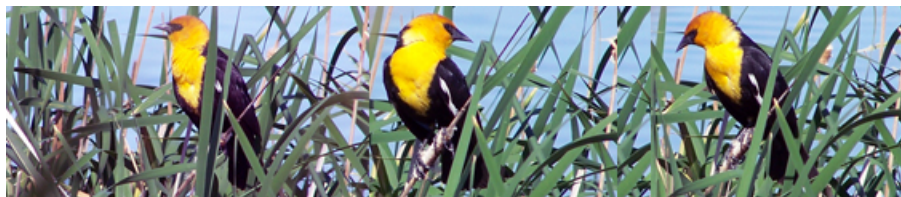
50 YEARS

SITE INDEX

WILD & SCENIC RIVER STUDIES

Wild & Scenic River Studies

There are two study provisions in the Act — Section 5(a), through which Congress directs the study of select rivers, and Section 5(d)(1), which directs federal agencies to identify potential additions to the National Wild and Scenic Rivers System (National System) through federal agency plans. A brief explanation is provided in the following respective sections.



Current Active Studies

Currently, there are three rivers or river systems under "authorized" study—two under Section 5(a) of the Wild & Scenic Rivers Act and one under Section 2(a)(ii). This does not include those that might be under assessment as part of normal agency land-planning processes.

– Rivers Currently Under Study

- **Cave, Lake, No Name and Panther Creeks, Oregon** (Public Law 113-291, December 19, 2014) – Under study by the National Park Service.
- **Housatonic River, Connecticut** (Governor Malloy Request for Section 2(a)(ii) Designation, November 16, 2016) – Under study by the National Park Service.
- **York River and associated tributaries, Maine** (Public Law 113-291, December 19, 2014) – Under study by the National Park Service.

Section 2(a)(ii) Studies

Under Section 2(a)(ii) of the Act, a governor (or governors for a river in multiple states) of a state can request that a river be designated, provided certain conditions are met (refer to the [Council White Paper on Section 2\(a\)\(ii\)](#) for specifics). The NPS then conducts a study to determine if certain conditions are met. Here are some of the studies conducted under Section 2(a)(ii). Again, if you don't see a study listed, we do not have a copy.

EXPLORE DESIGNATED RIVERS



Choose A State

Choose A River

While progress should never come to a halt, there are many places it should never come to at all. — Paul Newman



APPENDIX 16
ENVIRONMENTAL JUSTICE



EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

9271 Meyers

1 mile Ring Centered at 42.363443,-83.168113

Population: 18,235

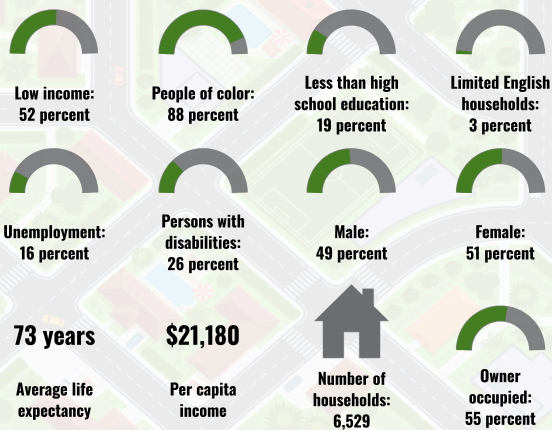
Area in square miles: 3.14

Dynamic map initially showing the user-selected area

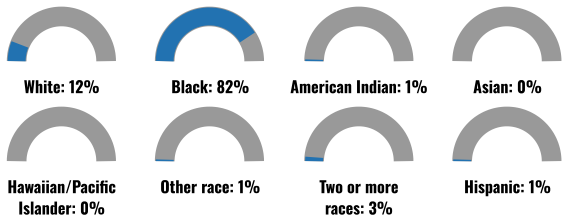
COMMUNITY INFORMATION

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	93%
Spanish	2%
Arabic	5%
Total Non-English	7%



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

Report for 1 mile Ring Centered at 42.363443,-83.168113
Report produced December 17, 2024 using EJScreen Version 2.3

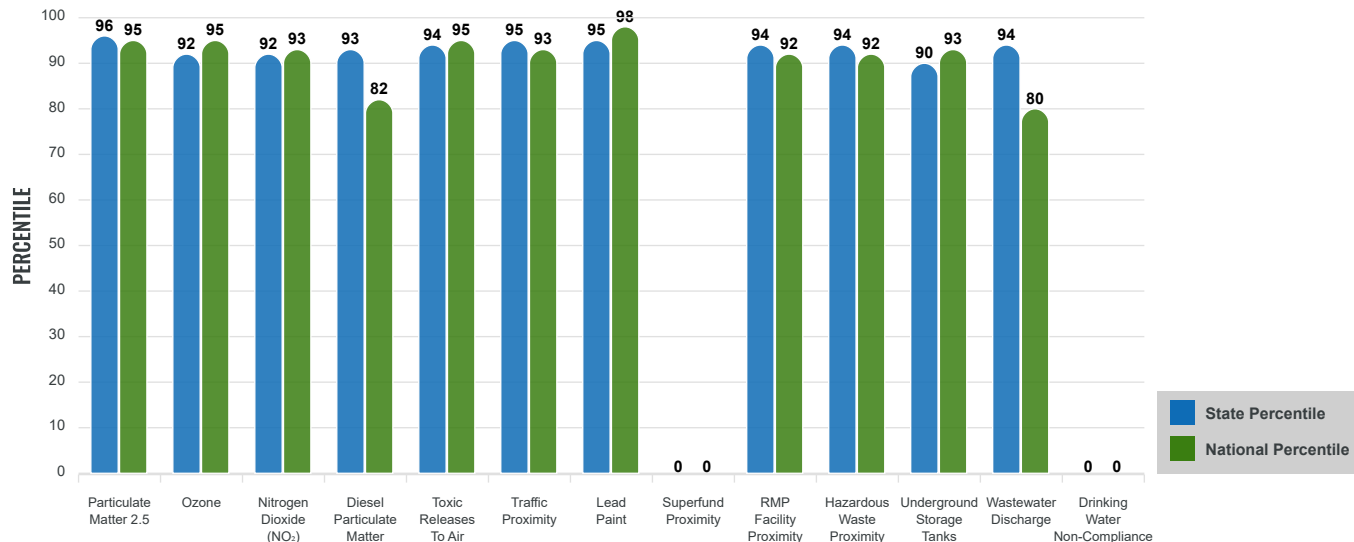
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

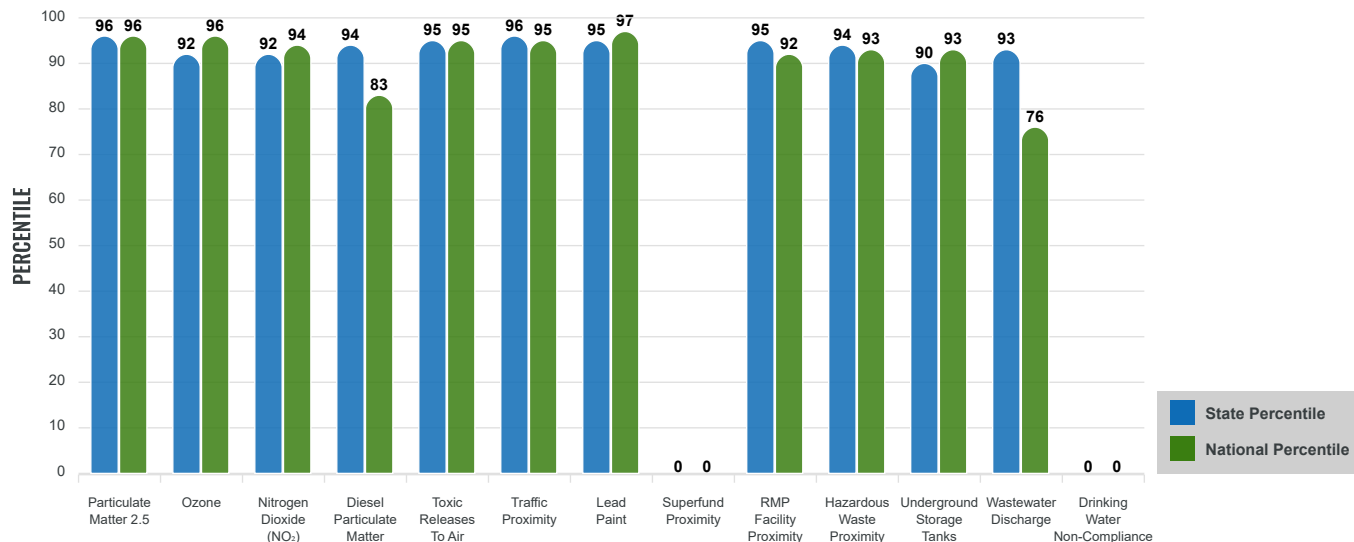
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 1 mile Ring Centered at 42.363443,-83.168113

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EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 (µg/m ³)	9.77	7.84	98	8.45	85
Ozone (ppb)	69.2	67.3	68	61.8	84
Nitrogen Dioxide (NO ₂) (ppbv)	11	7.7	78	7.8	81
Diesel Particulate Matter (µg/m ³)	0.168	0.116	82	0.191	54
Toxic Releases to Air (toxicity-weighted concentration)	4,700	2,500	90	4,600	85
Traffic Proximity (daily traffic count/distance to road)	2,900,000	910,000	95	1,700,000	81
Lead Paint (% Pre-1960 Housing)	0.82	0.38	88	0.3	92
Superfund Proximity (site count/km distance)	0	0.28	0	0.39	0
RMP Facility Proximity (facility count/km distance)	0.97	0.38	86	0.57	80
Hazardous Waste Proximity (facility count/km distance)	4.1	2	84	3.5	74
Underground Storage Tanks (count/km ²)	16	7.6	82	3.6	94
Wastewater Discharge (toxicity-weighted concentration/m distance)	38	880	71	700000	47
Drinking Water Non-Compliance (points)	0	0.39	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.62	N/A	N/A	1.34	90
Supplemental Demographic Index USA	2.58	N/A	N/A	1.64	90
Demographic Index State	2.78	1.18	92	N/A	N/A
Supplemental Demographic Index State	2.59	1.5	92	N/A	N/A
People of Color	88%	26%	92	40%	88
Low Income	52%	31%	83	30%	83
Unemployment Rate	16%	6%	90	6%	93
Limited English Speaking Households	3%	2%	84	5%	67
Less Than High School Education	19%	9%	89	11%	80
Under Age 5	7%	5%	74	5%	71
Over Age 64	15%	18%	40	18%	44

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	1
Air Pollution	3
Brownfields	1
Toxic Release Inventory	2

Other community features within defined area:

Schools	4
Hospitals	0
Places of Worship	14

Other environmental data:

Air Non-attainment	Yes
Impaired Waters	No

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for 1 mile Ring Centered at 42.363443,-83.168113
Report produced December 17, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	25%	20%	86	20%	89
Heart Disease	8.4	6.3	90	5.8	91
Asthma	14.9	11.4	94	10.3	99
Cancer	6.1	7	24	6.4	40
Persons with Disabilities	26%	14.9%	95	13.7%	96

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	2%	7%	22	12%	20
Wildfire Risk	0%	0%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	28%	13%	91	13%	89
Lack of Health Insurance	7%	5%	73	9%	50
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for 1 mile Ring Centered at 42.363443,-83.168113

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APPENDIX 17
MITIGATION PLAN

9271 Meyers, Detroit, MI 48228
Michigan Consulting & Environmental, Inc.
1/31/2025

Response Activity or Continuing Obligation	Required Activities	Party Responsible for Completing Activity	Timing of Activity	Cost	Required Follow-up or Reporting
Contamination and Toxic Substances – Lead and Asbestos	All materials within the residential dwelling should be treated as asbestos-containing materials during demolition activities. Any time an asbestos containing material or surface is to be disturbed, lead and asbestos safe work practices should be followed.	Licensed asbestos abatement contractor	During Construction	\$34,200	Copies of all surveys and closeout documentation must be provided to the City of Detroit.

If unanticipated tanks, evidence of contamination, tanks, artifacts or bones are discovered during ground disturbing activities, work will be halted, and the Melissa Owsiany will be contacted immediately for further guidance on how to proceed. You can reach her at melissa.owsiany@detroitmi.gov.