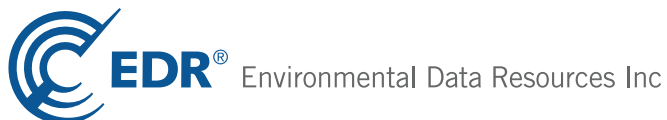


Former Howard W/H - Vacant Land - Site ID 1005

700 Garey Street
Saginaw, MI 48601

Inquiry Number: 02559388.38r
August 07, 2009

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

700 GAREY STREET
SAGINAW, MI 48601

COORDINATES

Latitude (North): 43.413700 - 43° 24' 49.3"
Longitude (West): 83.942100 - 83° 56' 31.6"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 261796.7
UTM Y (Meters): 4810746.5
Elevation: 608 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 43083-D8 SAGINAW, MI
Most Recent Revision: 1973

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CDL..... Clandestine Drug Lab Listing

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Database
DRYCLEANERS..... Drycleaning Establishments
NPDES..... List of Active NPDES Permits
AIRS..... Permit and Emissions Inventory Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 11/12/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARETTE AUTO PAINT	1734 S JEFFERSON AVE	W 0 - 1/8 (0.061 mi.)	A3	11

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 11/12/2008 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WOLVERINE PATTERN AND MACHINE</i>	<i>1716 S JEFFERSON AVE</i>	<i>W 0 - 1/8 (0.056 mi.)</i>	<i>A2</i>	<i>9</i>
MEANS INDUSTRIES INC	1811 S JEFFERSON AVE	SSW 1/8 - 1/4 (0.217 mi.)	B8	20

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 05/15/2009 has revealed that there are 14

EXECUTIVE SUMMARY

SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BOXWOOD ST 1705, SAGINAW Facility Status: Inactive - no actions taken to address contamination	1705 BOXWOOD ST	E 1/2 - 1 (0.525 mi.)	25	39
WICKES ENGINEERING Facility Status: Interim Response in progress	1621 E HOLLAND AVE	E 1/2 - 1 (0.581 mi.)	G27	40
U.S. GRAPHITE Facility Status: Interim Response in progress	1621 E. HOLLAND	E 1/2 - 1 (0.581 mi.)	G28	40
HOLLAND AVE. 1900 E., SAGINAW Facility Status: Inactive - no actions taken to address contamination	1900 E. HOLLAND AVE.	E 1/2 - 1 (0.750 mi.)	32	41

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ATWATER AND REMINGTON Facility Status: Interim Response conducted	424 ATWATER	N 1/4 - 1/2 (0.433 mi.)	19	33
WASHINGTON AVE. 1137 S., SAGINAW Facility Status: Inactive - no actions taken to address contamination	1137 S. WASHINGTON AVE.	NNW 1/2 - 1 (0.581 mi.)	29	40
SAGINAW VALLEY ZOOLOGICAL SOCIETY Facility Status: Inactive - no actions taken to address contamination	1730 S. WASHINGTON	WSW 1/2 - 1 (0.597 mi.)	30	41
WASHINGTON AVE. 927 S., SAGINAW Facility Status: Inactive - no actions taken to address contamination	927 S. WASHINGTON	N 1/2 - 1 (0.736 mi.)	31	41
NAT ASSOC OF PHYSICALLY HANDICAPPED Facility Status: Inactive - no actions taken to address contamination	1151 N. NIAGARA	NW 1/2 - 1 (0.805 mi.)	33	42
NIAGARA ST. 1246 N., SAGINAW Facility Status: Inactive - no actions taken to address contamination	1246 N. NIAGARA ST.	NNW 1/2 - 1 (0.834 mi.)	34	42
TREASURE ISLAND Facility Status: See Leaking Underground Storage Tank Site Database	924 N NIAGARA ST	NW 1/2 - 1 (0.834 mi.)	35	42
WATER ST. 832 S., SAGINAW Facility Status: Inactive - no actions taken to address contamination	832 S. WATER ST.	N 1/2 - 1 (0.837 mi.)	36	43
OJIBWAY ISLAND (NORTH END) Facility Status: Inactive - no actions taken to address contamination	101 EZRA RUST DRIVE	W 1/2 - 1 (0.864 mi.)	37	43
LUFKIN RULE Facility Status: Interim Response conducted - No further activities anticipated	1730 HESS	S 1/2 - 1 (0.925 mi.)	39	44

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 06/08/2009 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FISCHER-FLACK, INC Facility Status: Closed	2115 RUST AVE	SE 1/4 - 1/2 (0.304 mi.)	9	22
GENE A MIXON Facility Status: Open	1106 E HOLLAND AVE	ENE 1/4 - 1/2 (0.324 mi.)	10	23

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACME BLOCK & SUPPLY Facility Status: Closed	1833 SHERIDAN ST	ESE 1/4 - 1/2 (0.363 mi.)	11	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JEFFERSON OIL CO Facility Status: Closed Facility Status: Closed	1807 S JEFFERSON AVE	SSW 1/8 - 1/4 (0.214 mi.)	B7	17
CITY OF SAGINAW/MOTOR EQUIP DI Facility Status: Closed Facility Status: Closed	1435 S WASHINGTON AVE	NW 1/4 - 1/2 (0.408 mi.)	C15	28
CROSSTOWN MARATHON Facility Status: Open Facility Status: Open	306 E REMINGTON ST	NNW 1/4 - 1/2 (0.409 mi.)	D17	30

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 06/08/2009 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JEFFERSON OIL CO	1807 S JEFFERSON AVE	SSW 1/8 - 1/4 (0.214 mi.)	B7	17

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

A review of the AST list, as provided by EDR, and dated 06/30/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JEFFERSON OIL CO	1807 S JEFFERSON AVE	SSW 1/8 - 1/4 (0.214 mi.)	B7	17

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, and dated 06/29/2009 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROSSTOWN MARATHON	306 E REMINGTON ST	NNW 1/4 - 1/2 (0.409 mi.)	D17	30

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 10/01/2008 has revealed that there are 4 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOME FOR THE AGED	1446 S. WASHINGTON AVE.	NW 1/4 - 1/2 (0.405 mi.)	C14	26
511 FRANKLIN ST #2	200 REMINGTON ST E	NNW 1/4 - 1/2 (0.457 mi.)	E20	34
511 FRANKLIN ST #1	200 REMINGTON ST E	NNW 1/4 - 1/2 (0.457 mi.)	E21	35
CMR	1100 RUST AVENUE	WSW 1/4 - 1/2 (0.483 mi.)	F23	37

Local Lists of Hazardous waste / Contaminated Sites

DEL SHWS: Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does support its listing or the site no longer meets criteria specified in rules.

A review of the DEL SHWS list, as provided by EDR, and dated 05/21/2009 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	2322 GALLAGHER STREET	SSE 1/2 - 1 (0.887 mi.)	38	44

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/12/2008 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAGINAW ELECTRIC	1716 S JEFFERSON	W 0 - 1/8 (0.054 mi.)	A1	7
CITY OF SAGINAW	1741 S JEFFERSON	WSW 0 - 1/8 (0.063 mi.)	A4	12
CITY OF SAGINAW	HOLLAND & OWEN RD	NNE 1/8 - 1/4 (0.175 mi.)	5	14

EXECUTIVE SUMMARY

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 06/11/2009 has revealed that there are 7 BEA sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1800 S. JEFFERSON AVE.	SSW 1/8 - 1/4 (0.209 mi.)	B6	16
Not reported	1475 S. WASHINGTON AVE.	NW 1/4 - 1/2 (0.403 mi.)	12	26
Not reported	1446 SOUTH WASHINGTON A	NW 1/4 - 1/2 (0.405 mi.)	C13	26
306 E. REMINGTON	306 E. REMINGTON	NNW 1/4 - 1/2 (0.409 mi.)	D16	30
Not reported	1424 S. WASHINGTON AVE.	NW 1/4 - 1/2 (0.412 mi.)	18	33
Not reported	1100 RUST AVE.	WSW 1/4 - 1/2 (0.483 mi.)	F22	37
FORMER CSX PROPERTY	ATWATER / FRANKLIN	NNW 1/4 - 1/2 (0.499 mi.)	24	39

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

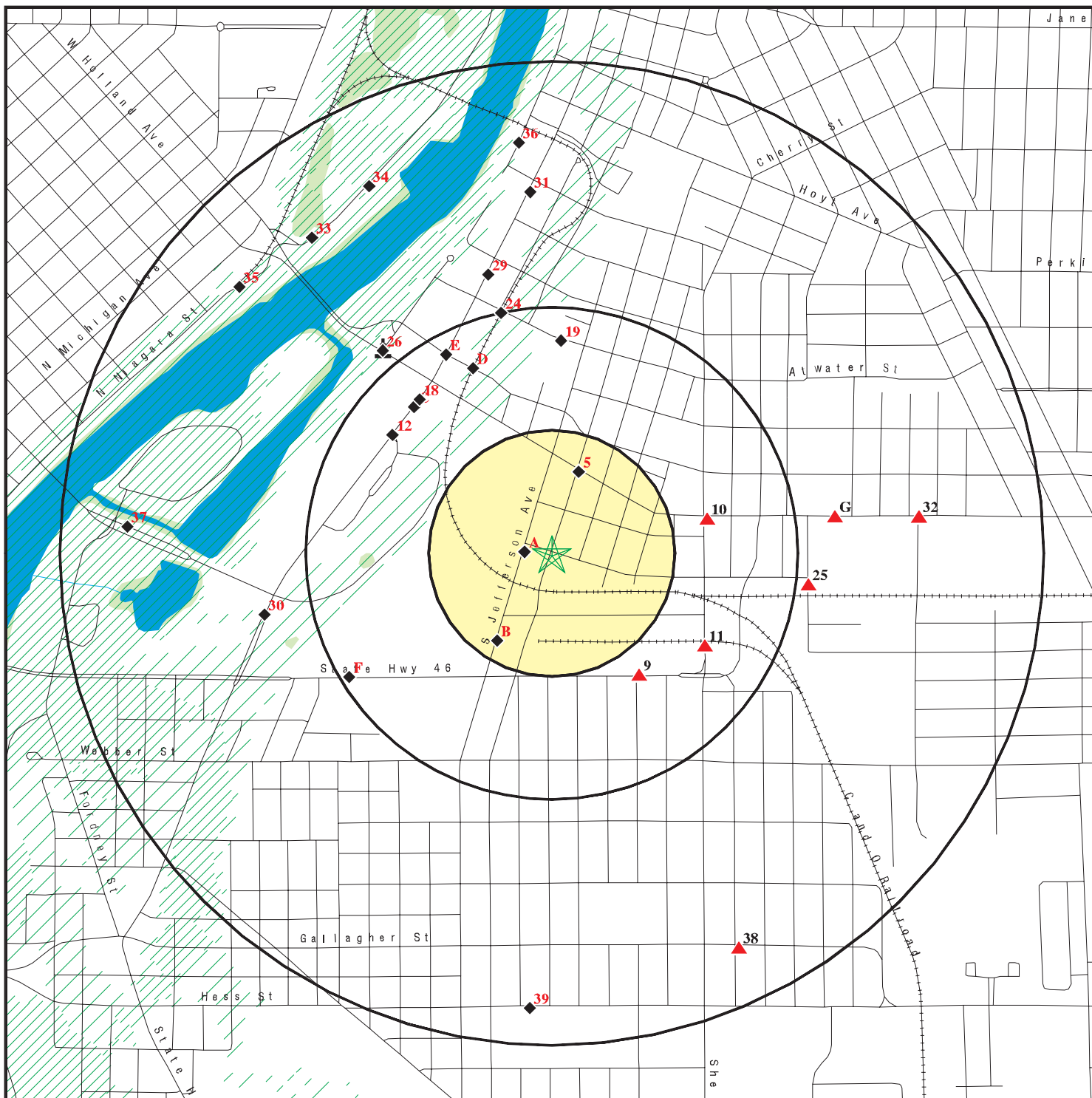
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE EAST SAGINAW GAS CO	HOLLAND AVE AND WASHING	NW 1/2 - 1 (0.536 mi.)	26	39

EXECUTIVE SUMMARY

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

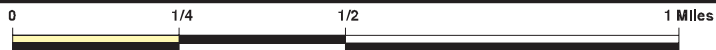
<u>Site Name</u>	<u>Database(s)</u>
WASHINGTON 1009, 1111, 1113 N., SA	SHWS
JEFFERSON AVENUE, 1807-1811 SOUTH	SHWS
FEDERAL AVE. 212, 214, 216, & VACA	SHWS
NATIONAL PLATE GLASS	SHWS, BROWNFIELDS, AUL
GRAND TRUNK RR GENESEE ST	SHWS
LAPEER AVE., 2300 BLOCK	SHWS
HOYT, S. WASHINGTON, & FRANKLIN ST	SHWS
EMERSON STREET RETENTION BASIN	SHWS
THOMPSON AND FRANKLIN STREETS	SHWS
BUENA VISTA TOWNSHIP LANDFILL	SHWS
CROW ISLAND LANDFILL	SHWS
W. GENESEE, S. SIDE BTW MICH/SCH	SHWS
NIAGARA STREET 100 - 1000	SHWS
NIAGARA STREET, BLOCK 25	SHWS
NIAGARA STREET BLOCK 30	SHWS
NIAGARA RD., 1900 N.	SHWS
FRATERNAL ORDER OF POLICE	SHWS
SCA SAGINAW TWP LF	SHWS
CSX FORMER GM NODULAR IRON YARD	SHWS
WADSWORTH AVE. 2003, SAGINAW	SHWS
MDOT M13 RAMPS	SHWS
RUBEN SCHULTZ-FORMER TANNERY	CERC-NFRAP
LAMBERT SANITARY LANDFILL	SWF/LF
STEVENS VAN LINES, INC	LUST
FORMER FIRE TOWER	LUST, UST
STEVENS VAN LINES, INC	UST
H R P B CO	RCRA-NonGen
ADVANCE RECYCLERS SITE B	FINDS, RCRA-NonGen
WOLVERINE STATE BAPTIST CONVENTION	RCRA-CESQG
H R P B CO	FINDS
SAGINAW COUNTY H.W. BRO	FINDS
1807 & 1811 S. JEFFERSON AVE.	BEA
FORMER PUMFORD CONSTRUCTION	BEA
FORMER HARRIS CAR WASH	BEA
W. GENESEE BETWN SCHAEFER ST. & N.	BEA
3208 HOLLAND AVE. (M-46)	BEA
PARCEL B - 1700-2000 HESS AVE.	BEA

OVERVIEW MAP - 02559388.38r



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

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

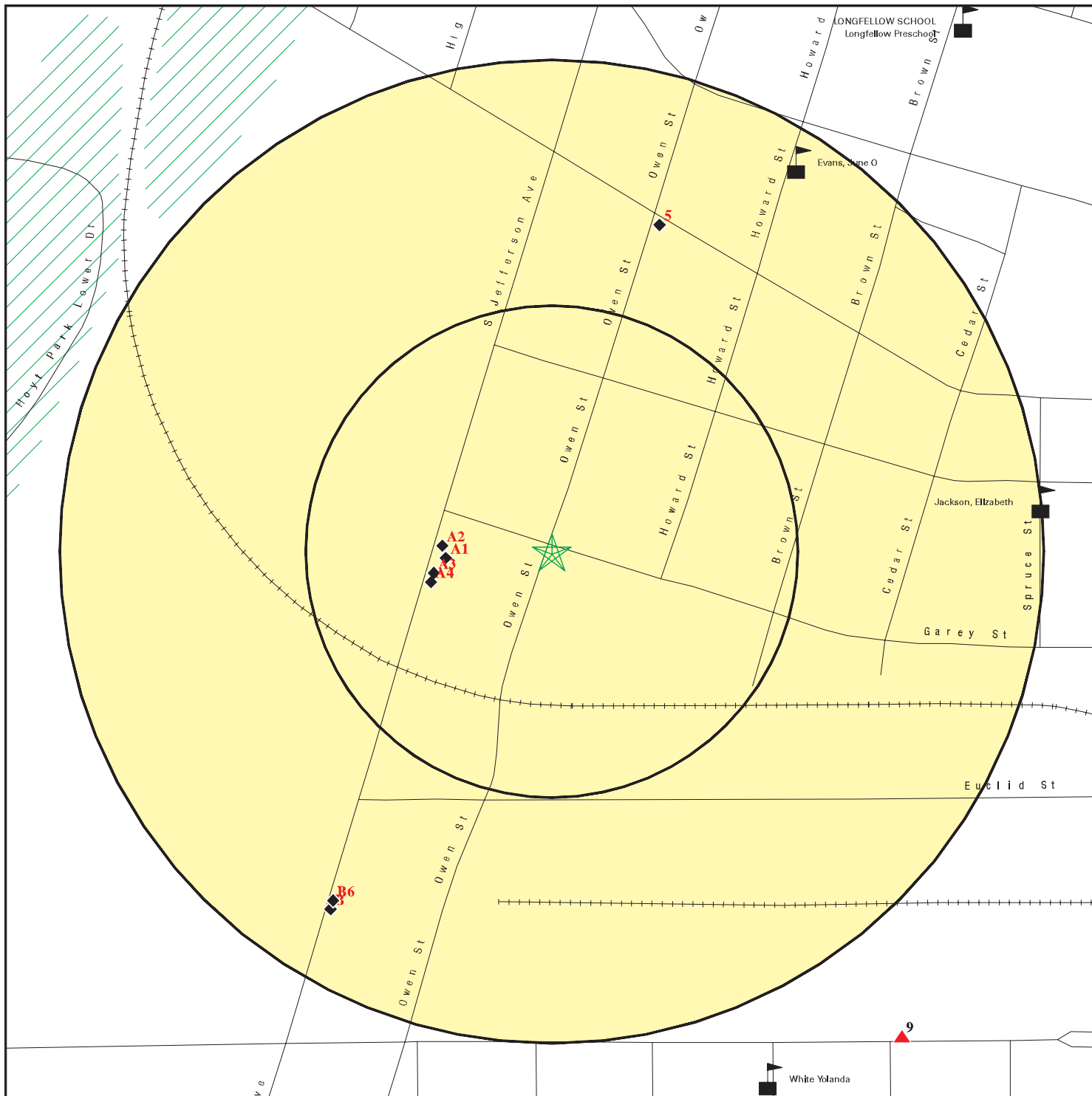


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Former Howard W/H - Vacant Land - Site ID 1005
 ADDRESS: 700 Garey Street
 Saginaw MI 48601
 LAT/LONG: 43.4137 / 83.9421

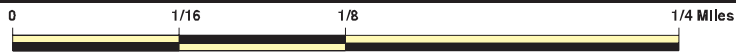
CLIENT: LFR Inc
 CONTACT: Rich Mall
 INQUIRY #: 02559388.38r
 DATE: August 07, 2009 10:36 am

DETAIL MAP - 02559388.38r



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

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone



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

SITE NAME: Former Howard W/H - Vacant Land - Site ID 1005
 ADDRESS: 700 Garey Street
 Saginaw MI 48601
 LAT/LONG: 43.4137 / 83.9421

CLIENT: LFR Inc
 CONTACT: Rich Mall
 INQUIRY #: 02559388.38r
 DATE: August 07, 2009 10:36 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	0	NR	NR	NR	1
RCRA-CESQG		0.250	1	1	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	0	1	13	NR	14
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	1	5	NR	NR	6
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	1	NR	NR	NR	1
AST		0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	4	NR	NR	4
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS		1.000	0	0	0	1	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	2	1	NR	NR	NR	3
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	0	1	6	NR	NR	7
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	1	NR	1
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
West
< 1/8
0.054 mi.
284 ft.

SAGINAW ELECTRIC
1716 S JEFFERSON
SAGINAW, MI 48607
Site 1 of 4 in cluster A

FINDS 1000691363
RCRA-NonGen MID985640853

Relative:
Lower

FINDS:

Actual:
607 ft.

Registry ID: 110003670509

Environmental Interest/Information System

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

RCRA-NonGen:

Date form received by agency: 04/22/1992

Facility name: SAGINAW ELECTRIC

Facility address: 1716 S JEFFERSON

SAGINAW, MI 48607

EPA ID: MID985640853

Mailing address: PO BOX 699

TOLEDO, OH 43697

Contact: JACK ROMANOFF

Contact address: 1716 S JEFFERSON

SAGINAW, MI 48607

Contact country: Not reported

Contact telephone: (407) 479-4821

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 01/03/1970

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/03/1970

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAGINAW ELECTRIC (Continued)

1000691363

Handler Activities Summary:

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

Universal Waste Summary:

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

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

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

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

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

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

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

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A2
West
< 1/8
0.056 mi.
293 ft.

WOLVERINE PATTERN AND MACHINE INC
1716 S JEFFERSON AVE
SAGINAW, MI 48601

FINDS 1004725352
RCRA-CESQG MIR000041715

Site 2 of 4 in cluster A

Relative:
Lower

FINDS:

Registry ID: 110009395671

Actual:
607 ft.

Environmental Interest/Information System

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

RCRA-CESQG:

Date form received by agency: 08/27/1999
 Facility name: WOLVERINE PATTERN AND MACHINE INC
 Facility address: 1716 S JEFFERSON AVE
 SAGINAW, MI 48601
 EPA ID: MIR000041715
 Contact: RICHARD WILLARD
 Contact address: 1716 S JEFFERSON AVE
 SAGINAW, MI 48601
 Contact country: Not reported
 Contact telephone: (517) 752-0091
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CLARK RUDY AND RICHARD J WILLARD
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: Not reported
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 01/01/1970
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOLVERINE PATTERN AND MACHINE INC (Continued)

1004725352

Owner/operator name: CLARK RUDY AND RICHARD J WILLARD
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

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

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

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

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

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOLVERINE PATTERN AND MACHINE INC (Continued)

1004725352

Violation Status: No violations found

A3
West
< 1/8
0.061 mi.
322 ft.

CHARETTE AUTO PAINT
1734 S JEFFERSON AVE
SAGINAW, MI 48601

RCRA-SQG 1010320387
MIK568348155

Site 3 of 4 in cluster A

Relative:
Lower

RCRA-SQG:

Date form received by agency: 06/05/2007

Facility name: CHARETTE AUTO PAINT

Facility address: 1734 S JEFFERSON AVE
SAGINAW, MI 48601

EPA ID: MIK568348155

Contact: JAMES CHARETTE

Contact address: 1734 S JEFFERSON AVE
SAGINAW, MI 48601

Contact country: Not reported

Contact telephone: (989) 753-4108

Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JAMES J CHARETTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 11/01/2006

Owner/Op end date: Not reported

Owner/operator name: JAMES J CHARETTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 11/01/2006

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHARETTE AUTO PAINT (Continued)

1010320387

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

Universal Waste Summary:

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

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

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

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

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

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

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

Historical Generators:

Date form received by agency: 01/01/1980
Facility name: CHARETTE AUTO PAINT
Classification: Small Quantity Generator

Violation Status: No violations found

A4
WSW
< 1/8
0.063 mi.
334 ft.

CITY OF SAGINAW
1741 S JEFFERSON
SAGINAW, MI 48601
Site 4 of 4 in cluster A

RCRA-NonGen 1008373763
MIK932979768

Relative:
Lower

RCRA-NonGen:
Date form received by agency: 09/01/2006
Facility name: CITY OF SAGINAW
Facility address: 1741 S JEFFERSON
SAGINAW, MI 48601
EPA ID: MIK932979768
Mailing address: 1315 S WASHINGTON AVE

Actual:
607 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW (Continued)

1008373763

SAGINAW, MI 48601
Contact: MICHAEL HAGEN
Contact address: 1741 S JEFFERSON
SAGINAW, MI 48601
Contact country: Not reported
Contact telephone: (989) 759-1682
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MICHAEL J HAGEN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/10/2006
Owner/Op end date: Not reported

Owner/operator name: CITY OF SAGINAW
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1978
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

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

Waste type: MERCURY THERMOMETERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW (Continued)

1008373763

Accumulated waste on-site: No
Generated waste on-site: No

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

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

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

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

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

Historical Generators:

Date form received by agency: 02/21/2006
Facility name: CITY OF SAGINAW
Classification: Not a generator, verified

Date form received by agency: 03/11/2005
Facility name: CITY OF SAGINAW
Classification: Not a generator, verified

Violation Status: No violations found

5
NNE
1/8-1/4
0.175 mi.
923 ft.

CITY OF SAGINAW
HOLLAND & OWEN RD
SAGINAW, MI 48601

RCRA-NonGen 1007100921
MIK898614565

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 08/23/2002
Facility name: CITY OF SAGINAW
Facility address: HOLLAND & OWEN RD
SAGINAW, MI 48601
EPA ID: MIK898614565
Mailing address: 1315 S WASHINGTON AVE
SAGINAW, MI 48601
Contact: ALLEN SZTUCZKO
Contact address: HOLLAND & OWEN RD
SAGINAW, MI 48601
Contact country: Not reported
Contact telephone: (989) 759-1523
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
605 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW (Continued)

1007100921

Owner/Operator Summary:

Owner/operator name: CITYOF SAGINAW
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 08/23/2002
Owner/Op end date: Not reported

Owner/operator name: CITYOF SAGINAW
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 08/23/2002
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

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

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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW (Continued)

1007100921

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

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

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

Violation Status: No violations found

B6
SSW
1/8-1/4
0.209 mi.
1105 ft.

1800 S. JEFFERSON AVE.
SAGINAW, MI 48601

BEA S105767935
N/A

Site 1 of 3 in cluster B

Relative:
Lower

BEA:

Secondary Address: Not reported
BEA Number: 478
District: Saginaw Bay
Date Received: 5/29/2002 12:59:00 AM
Submitter Name: Friends of the Saginaw Zoo, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 479
District: Saginaw Bay
Date Received: 5/29/2002 12:59:00 AM
Submitter Name: City of Saginaw
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 477
District: Saginaw Bay
Date Received: 5/29/2002 12:59:00 AM
Submitter Name: Saginaw Valley Zoological Society
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

Actual:
607 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B7
SSW
1/8-1/4
0.214 mi.
1128 ft.

JEFFERSON OIL CO
1807 S JEFFERSON AVE
SAGINAW, MI 48601
Site 2 of 3 in cluster B

LUST **U000264343**
UST **N/A**
AST

Relative:
Lower

LUST:

Facility ID: 00004110
 Source: STATE OF MICHIGAN
 Owner Name: Furstenburg-Braun Lumber Co
 Owner Address: 1764 S Jefferson Ave
 Owner City,St,Zip: Saginaw, MI 48601-2848
 Owner Contact: Not reported
 Owner Phone: (517) 752-5101
 Country: USA
 District: Saginaw Bay District Office
 Site Name: Jefferson Oil - Furstenburg/brau
 Latitude: 43.4116640000
 Longitude: -83.9444160000
 Date of Collection: 01-11-2001
 Method of Collection: Address Matching-House Number
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)

Actual:
607 ft.

Leak Number: C-0169-90
 Release Date: Jan 25 1990
 Substance Released: Not reported
 Release Status: Closed
 Release Closed Date: Sep 26 1995

Leak Number: C-0175-90
 Release Date: Jan 26 1990
 Substance Released: Not reported
 Release Status: Closed
 Release Closed Date: Sep 28 1995

UST:

Facility ID: 00004110
 Facility Type: CLOSED
 Latitude: 43.4116640000
 Longitude: -83.9444160000
 Owner Name: Furstenburg-Braun Lumber Co
 Owner Address: 1764 S Jefferson Ave
 Owner City,St,Zip: Saginaw, MI 48601-2848
 Owner Country: USA
 Owner Contact: Not reported
 Owner Phone: (517) 752-5101
 Contact: ROBERT E BRAUN
 Contact Phone: (517) 752-5101
 Date of Collection: 01-11-2001
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Datum: NAD83
 Source: STATE OF MICHIGAN
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)
 Method of Collection: Address Matching-House Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEFFERSON OIL CO (Continued)

U000264343

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 2000
Install Date: Apr 22 1977
Product: Gasoline
Remove Date: Feb 6 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 1000
Install Date: Apr 23 1975
Product: Gasoline
Remove Date: Feb 6 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: **Removed from Ground**
Capacity: 12000
Install Date: Apr 22 1966
Product: Gasoline
Remove Date: Feb 6 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: **Removed from Ground**
Capacity: 12000
Install Date: Apr 22 1966
Product: Gasoline
Remove Date: Feb 6 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEFFERSON OIL CO (Continued)

U000264343

Tank Status: Removed from Ground
Capacity: 280
Install Date: Apr 22 1974
Product: Used Oil
Remove Date: Feb 6 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 1500
Install Date: Not reported
Product: Diesel
Remove Date: Nov 1 1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Removed from Ground
Capacity: 1500
Install Date: Not reported
Product: Diesel
Remove Date: Nov 1 1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

AST:
Type: CLOSED
Owner Name: Jefferson Oil Co
Owner Address: 1807 S JEFFERSON
Owner City,St,Zip: SAGINAW, MI 48601
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 752-2333
Facility ID: 91073020
District: Saginaw Bay District Office
Contact: Not reported
Facility Phone: () -
Tank ID: 1
Tank Status: Removed from Premises
Capacity: 10477
Install Date: Not reported
Close Date: Dec 5 1984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEFFERSON OIL CO (Continued)

U000264343

Content: Flammable Liquid
Latitude: 43.4116640000
Longitude: -83.9444160000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

Type: CLOSED
Owner Name: Jefferson Oil Co
Owner Address: 1807 S JEFFERSON
Owner City,St,Zip: SAGINAW, MI 48601
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 752-2333
Facility ID: 91073020
District: Saginaw Bay District Office
Contact: Not reported
Facility Phone: () -
Tank ID: 2
Tank Status: Removed from Premises
Capacity: 13807
Install Date: Not reported
Close Date: Dec 5 1984
Content: Flammable Liquid
Latitude: 43.4116640000
Longitude: -83.9444160000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

B8
SSW
1/8-1/4
0.217 mi.
1143 ft.

MEANS INDUSTRIES INC
1811 S JEFFERSON AVE
SAGINAW, MI 48601
Site 3 of 3 in cluster B

RCRA-CESQG 1007100006
MIK759926785

Relative:
Lower

RCRA-CESQG:
Date form received by agency: 02/14/2002
Facility name: MEANS INDUSTRIES INC
Facility address: 1811 S JEFFERSON AVE
SAGINAW, MI 48601
EPA ID: MIK759926785
Mailing address: 3715 E WASHINGTON RD
SAGINAW, MI 48601
Contact: DAVID CORNELIUS
Contact address: 1811 S JEFFERSON AVE
SAGINAW, MI 48601
Contact country: Not reported

Actual:
607 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEANS INDUSTRIES INC (Continued)

1007100006

Contact telephone: (989) 754-3300
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: MEANS INDUSTRIES INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

Owner/operator name: MEANS INDUSTRIES INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MEANS INDUSTRIES INC (Continued)

1007100006

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

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

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

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

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

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

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

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

Violation Status: No violations found

9
SE
1/4-1/2
0.304 mi.
1604 ft.

FISCHER-FLACK, INC
2115 RUST AVE
SAGINAW, MI 48601

LUST S105213578
N/A

Relative:
Higher

LUST:

Facility ID: 00015613
 Source: STATE OF MICHIGAN
 Owner Name: Fischer-Flack, Inc
 Owner Address: 2115 Rust Ave
 Owner City,St,Zip: Saginaw, MI 48601-2822
 Owner Contact: Not reported
 Owner Phone: (517) 752-4181
 Country: USA
 District: Saginaw Bay District Office
 Site Name: Fisher Flack, Inc.
 Latitude: 43.4102620000
 Longitude: -83.9384510000
 Date of Collection: 01-11-2001
 Method of Collection: Address Matching-House Number
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT

Actual:
609 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FISCHER-FLACK, INC (Continued)

S105213578

Desc Category: Plant Entrance (Freight)
Leak Number: C-2699-91
Release Date: Dec 23 1991
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Apr 30 1993

**10
ENE
1/4-1/2
0.324 mi.
1711 ft.**

**GENE A MIXON
1106 E HOLLAND AVE
SAGINAW, MI 48601**

**LUST U000264260
UST N/A**

**Relative:
Higher**

LUST:
Facility ID: 00034405
Source: STATE OF MICHIGAN
Owner Name: Gene A Mixon
Owner Address: 1106 E Holland Ave
Owner City,St,Zip: Saginaw, MI 48601-2947
Owner Contact: Not reported
Owner Phone: (517) 752-6271
Country: USA
District: Saginaw Bay District Office
Site Name: Gene's Service
Latitude: 43.4147020000
Longitude: -83.9357680000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2805-90
Release Date: Dec 27 1990
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

**Actual:
609 ft.**

UST:
Facility ID: 00034405
Facility Type: CLOSED
Latitude: 43.4147020000
Longitude: -83.9357680000
Owner Name: Gene A Mixon
Owner Address: 1106 E Holland Ave
Owner City,St,Zip: Saginaw, MI 48601-2947
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 752-6271
Contact: GENE A MIXON
Contact Phone: (517) 752-6271
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENE A MIXON (Continued)

U000264260

Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Not reported
Product: Gasoline
Remove Date: Nov 5 1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Not reported
Product: Gasoline
Remove Date: Nov 5 1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Unknown
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Not reported
Product: Gasoline
Remove Date: Nov 5 1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Unknown
Impressed Device: No

11
ESE
1/4-1/2
0.363 mi.
1918 ft.

ACME BLOCK & SUPPLY
1833 SHERIDAN ST
SAGINAW, MI 48602

LUST U000264347
UST N/A

Relative:
Higher

LUST:
Facility ID: 00003431
Source: STATE OF MICHIGAN
Owner Name: Acme Block & Supply
Owner Address: 1506 Mackinaw St
Owner City,St,Zip: Saginaw, MI 48602-2542
Owner Contact: Not reported

Actual:
609 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME BLOCK & SUPPLY (Continued)

U000264347

Owner Phone: (517) 793-7331
Country: USA
District: Saginaw Bay District Office
Site Name: Acme Block & Supply-sheridan Rd.
Latitude: 43.4110960000
Longitude: -83.9362040000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2387-91
Release Date: Nov 8 1991
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Apr 30 1993

UST:

Facility ID: 00003431
Facility Type: CLOSED
Latitude: 43.4110960000
Longitude: -83.9362040000
Owner Name: Acme Block & Supply
Owner Address: 1506 Mackinaw St
Owner City,St,Zip: Saginaw, MI 48602-2542
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 793-7331
Contact: JAMES PELTON
Contact Phone: (517) 793-7331
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Apr 29 1976
Product: Gasoline
Remove Date: Nov 8 1991
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

12 NW 1/4-1/2 0.403 mi. 2130 ft.	1475 S. WASHINGTON AVE. SAGINAW, MI	BEA	S105767944 N/A
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Relative: Lower	BEA:	
	Secondary Address:	Not reported
	BEA Number:	93
	District:	Saginaw Bay
Actual: 602 ft.	Date Received:	7/28/1997
	Submitter Name:	William A. Kibbe & Associates, Inc.
	Petition Determination:	No Request
	Petition Disclosure:	0
	Category:	No Hazardous Substance(s)
	Determination 20107A:	No Request
	Reviewer:	temppm
	Division Assigned:	Environmental Response Division

C13 NW 1/4-1/2 0.405 mi. 2140 ft.	1446 SOUTH WASHINGTON AVE SAGINAW, MI 48605 Site 1 of 3 in cluster C	BEA	S105767906 N/A
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Relative: Lower	BEA:	
	Secondary Address:	Not reported
	BEA Number:	357
	District:	Saginaw Bay
Actual: 601 ft.	Date Received:	12/1/2000 12:59:00 AM
	Submitter Name:	Gary Fogelsonger Zimmerman Living Trust
	Petition Determination:	No Request
	Petition Disclosure:	0
	Category:	No Hazardous Substance(s)
	Determination 20107A:	No Request
	Reviewer:	klannr
	Division Assigned:	Environmental Response Division

C14 NW 1/4-1/2 0.405 mi. 2140 ft.	HOME FOR THE AGED 1446 S. WASHINGTON AVE. SAGINAW, MI 48601 Site 2 of 3 in cluster C	US BROWNFIELDS	1006882508 N/A
--	---	-----------------------	---------------------------

Relative: Lower	US BROWNFIELDS:	
	Recipient name:	Saginaw, City of
	Project name:	Saginaw, MI
Actual: 601 ft.	Property name:	Home For The Aged
	Parcel #:	Not reported
	Parcel size:	1.00
	Latitude:	43.417887
	Longitude:	-83.948129
	Region:	5
	HCM label:	Address Matching-House Number
	Map scale:	100000
	Point of reference:	Entrance Point of a Facility or Station
	Datum:	North American Datum of 1983
	ACRES property ID:	12582

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOME FOR THE AGED (Continued)

1006882508

Start date: 12/31/1999
Completed date: 12/31/1999
Accomplishment type: Phase I Environmental Assessment
Accomplishment (acres): Not reported
Ownership entity: Not reported
Current use: Not reported
Current owner: Not reported
Future use: Not reported
Past use flag: Not reported
Future use flag: Not reported
Cleanup required: Yes
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Not reported
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: Unknown
IC required flag: Not reported
NFA issue date: Not reported
State and tribal program date: Not reported
State and tribal program ID: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOME FOR THE AGED (Continued)

1006882508

Surface water cleaned: Not reported
Unknown found: Not reported
Unknwon cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported

Property Description: home for the elderly

**C15
NW
1/4-1/2
0.408 mi.
2156 ft.**

**CITY OF SAGINAW/MOTOR EQUIP DIV
1435 S WASHINGTON AVE
SAGINAW, MI 48601
Site 3 of 3 in cluster C**

**LUST U003081656
UST N/A**

**Relative:
Lower**

LUST:
Facility ID: 00005034
Source: STATE OF MICHIGAN
Owner Name: City Of Saginaw
Owner Address: 1435 S Washington Ave
Owner City,St,Zip: Saginaw, MI 48601-2817
Owner Contact: Not reported
Owner Phone: (517) 759-1414
Country: USA
District: Saginaw Bay District Office
Site Name: City Of Saginaw/motor Equip Div
Latitude: 43.4181320000
Longitude: -83.9478960000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

**Actual:
601 ft.**

Leak Number: C-1228-98
Release Date: Dec 7 1998
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Mar 3 1999

Leak Number: C-1552-93
Release Date: Jan 6 1994
Substance Released: Gasoline,Unknown
Release Status: Closed
Release Closed Date: Mar 3 1999

UST:
Facility ID: 00005034
Facility Type: CLOSED
Latitude: 43.4181320000
Longitude: -83.9478960000
Owner Name: City Of Saginaw
Owner Address: 1435 S Washington Ave
Owner City,St,Zip: Saginaw, MI 48601-2817
Owner Country: USA
Owner Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW/MOTOR EQUIP DIV (Continued)

U003081656

Owner Phone: (517) 759-1414
Contact: PETE BONK III
Contact Phone: (517) 759-1210
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: Apr 8 1973
Product: Diesel
Remove Date: Dec 7 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jan 1 1980
Product: Diesel
Remove Date: Dec 1 1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: No Valve At Tank
Constr Material: Composite(Steel w/Fiberglass)
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Jan 1 1980
Product: Gasoline
Remove Date: Dec 1 1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected
Piping Type: Suction: No Valve At Tank
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 12000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SAGINAW/MOTOR EQUIP DIV (Continued)

U003081656

Install Date: Apr 8 1972
Product: Gasoline
Remove Date: Dec 7 1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Cathodically Protected, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 550
Install Date: Jan 1 1980
Product: Used Oil
Remove Date: Dec 1 1998
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

D16
NNW
1/4-1/2
0.409 mi.
2158 ft.

306 E. REMINGTON
306 E. REMINGTON
SAGINAW, MI
Site 1 of 2 in cluster D

BEA S104910745
N/A

Relative:
Lower

BEA:
Secondary Address: Not reported
BEA Number: 264
District: Saginaw Bay
Date Received: 12/7/1999
Submitter Name: Saginaw Land Development, L.L.C.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Storage Tank Division

Actual:
590 ft.

D17
NNW
1/4-1/2
0.409 mi.
2158 ft.

CROSTOWN MARATHON
306 E REMINGTON ST
SAGINAW, MI 48601
Site 2 of 2 in cluster D

LUST U000264448
UST N/A
BROWNFIELDS

Relative:
Lower

LUST:
Facility ID: 00007239
Source: STATE OF MICHIGAN
Owner Name: Saginaw Land Development Llc
Owner Address: PO Box 1873
Owner City, St, Zip: Saginaw, MI 48605-1873
Owner Contact: Not reported

Actual:
590 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSTOWN MARATHON (Continued)

U000264448

Owner Phone: (517) 754-9896
Country: USA
District: Saginaw Bay District Office
Site Name: Crosstown Marathon
Latitude: 43.4189950000
Longitude: -83.9452540000
Date of Collection: 01-11-2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0117-00
Release Date: Jun 11 1999
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0214-00
Release Date: Feb 28 2000
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00007239
Facility Type: CLOSED
Latitude: 43.4189950000
Longitude: -83.9452540000
Owner Name: Saginaw Land Development Llc
Owner Address: PO Box 1873
Owner City,St,Zip: Saginaw, MI 48605-1873
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 754-9896
Contact: WILLIAM J GIORGIS
Contact Phone: (517) 755-1133
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Jan 1 1967
Product: Gasoline
Remove Date: Feb 22 2000
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSTOWN MARATHON (Continued)

U000264448

Constr Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Jan 1 1967
Product: Gasoline
Remove Date: Feb 22 2000
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank
Constr Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Jan 1 1967
Product: Gasoline
Remove Date: Feb 22 2000
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank
Constr Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Jan 1 1967
Product: Gasoline
Remove Date: Feb 22 2000
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank
Constr Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 500
Install Date: Jan 1 1967
Product: Used Oil
Remove Date: Feb 23 2000
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: Valve at Tank
Constr Material: Cathodically Protected Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSTOWN MARATHON (Continued)

U000264448

Impressed Device: No

BROWNFIELD:

Facility ID: 00007239
Region: 1
Status: Closed LP
Property Use: Not reported
BEA: Not reported
Ernie Id Number: 73000563
Redevelop Status: Not reported
Before Redevelopment: [Photo](images/7239 before 1.jpg)
After Redevelopment: Not reported

**18
NW
1/4-1/2
0.412 mi.
2176 ft.**

**1424 S. WASHINGTON AVE.
SAGINAW, MI**

**BEA S105767929
N/A**

**Relative:
Lower**

BEA:

Secondary Address: Not reported
BEA Number: 458
District: Saginaw Bay
Date Received: 3/26/2002 12:59:00 AM
Submitter Name: Downtown Area Development, L.L.C.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

**Actual:
601 ft.**

**19
North
1/4-1/2
0.433 mi.
2285 ft.**

**ATWATER AND REMINGTON
424 ATWATER
SAGINAW, MI 48601**

**SHWS S108228908
N/A**

**Relative:
Lower**

SHWS:

Facility ID: 73000579
Source: Scrap & Waste Materials
SAM Score: 32 out of 48
SAM Score Date: 09/12/2005
Township: 12N
Range: 04E
Section: 25
Quarter: NE
Quarter/Quarter: NW
Facility Status: Interim Response conducted
Pollutant(s): Benzo(a)pyrene; Fluoranthene; C-66; Metals; Petroleum; PNAs

**Actual:
601 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E20
NNW
1/4-1/2
0.457 mi.
2414 ft.

511 FRANKLIN ST #2
200 REMINGTON ST E
SAGINAW, MI 48601
Site 1 of 2 in cluster E

US BROWNFIELDS **1011860158**
N/A

Relative:
Lower

US BROWNFIELDS:

Actual:
599 ft.

Recipient name:	Saginaw, City of
Project name:	Saginaw, MI
Property name:	511 Franklin St #2
Parcel #:	Not reported
Parcel size:	Not reported
Latitude:	43.419181
Longitude:	-83.946673
Region:	5
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	Not reported
ACRES property ID:	12604
Start date:	3/31/2002
Completed date:	3/31/2002
Accomplishment type:	Phase I Environmental Assessment
Accomplishment (acres):	Not reported
Ownership entity:	Not reported
Current use:	Not reported
Current owner:	Not reported
Future use:	Not reported
Past use flag:	Not reported
Future use flag:	Not reported
Cleanup required:	Not reported
Proprietary controls:	Not reported
Gov. control:	Not reported
Enforcement permit tools:	Not reported
Info. devices:	Not reported
Video available:	Not reported
Photo available:	Not reported
Usage type:	Not reported
Not in state/tribal program:	Not reported
IC data address:	Not reported
IC in place date:	Not reported
IC in place flag:	Unknown
IC required flag:	Not reported
NFA issue date:	Not reported
State and tribal program date:	Not reported
State and tribal program ID:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
None found:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

511 FRANKLIN ST #2 (Continued)

1011860158

None cleaned up:	Not reported
No media found:	Not reported
No media cleaned up:	Not reported
Other found:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water affected:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
Unknwon cleaned:	Not reported
Unknown media:	Not reported
Unknown media cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported

E21
NNW
1/4-1/2
0.457 mi.
2414 ft.

511 FRANKLIN ST #1
200 REMINGTON ST E
SAGINAW, MI 48601
Site 2 of 2 in cluster E

US BROWNFIELDS **1011860157**
N/A

Relative:
Lower

US BROWNFIELDS:

Actual:
599 ft.

Recipient name:	Saginaw, City of
Project name:	Saginaw, MI
Property name:	511 Franklin St #1
Parcel #:	Not reported
Parcel size:	Not reported
Latitude:	43.419181
Longitude:	-83.946673
Region:	5
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	Not reported
ACRES property ID:	12603
Start date:	3/31/2002
Completed date:	3/31/2002
Accomplishment type:	Phase I Environmental Assessment
Accomplishment (acres):	Not reported
Ownership entity:	Not reported
Current use:	Not reported
Current owner:	Not reported
Future use:	Not reported
Past use flag:	Not reported
Future use flag:	Not reported
Cleanup required:	Not reported
Proprietary controls:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

511 FRANKLIN ST #1 (Continued)

1011860157

Gov. control:	Not reported
Enforcement permit tools:	Not reported
Info. devices:	Not reported
Video available:	Not reported
Photo available:	Not reported
Usage type:	Not reported
Not in state/tribal program:	Not reported
IC data address:	Not reported
IC in place date:	Not reported
IC in place flag:	Unknown
IC required flag:	Not reported
NFA issue date:	Not reported
State and tribal program date:	Not reported
State and tribal program ID:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
None found:	Not reported
None cleaned up:	Not reported
No media found:	Not reported
No media cleaned up:	Not reported
Other found:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water affected:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
Unknwon cleaned:	Not reported
Unknown media:	Not reported
Unknown media cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F22
WSW
1/4-1/2
0.483 mi.
2549 ft.

1100 RUST AVE.
SAGINAW, MI 48601
Site 1 of 2 in cluster F

BEA S105767914
N/A

Relative:
Lower

BEA:
Secondary Address: Not reported
BEA Number: 452
District: Saginaw Bay
Date Received: 3/6/2002 12:59:00 AM
Submitter Name: Saginaw Valley Zoological Society
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

Actual:
602 ft.

Secondary Address: Not reported
BEA Number: 453
District: Saginaw Bay
Date Received: 3/6/2002 12:59:00 AM
Submitter Name: City of Saginaw
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

F23
WSW
1/4-1/2
0.483 mi.
2549 ft.

CMR
1100 RUST AVENUE
SAGINAW, MI
Site 2 of 2 in cluster F

US BROWNFIELDS 1006882497
N/A

Relative:
Lower

US BROWNFIELDS:
Recipient name: Saginaw, City of
Project name: Saginaw, MI
Property name: Cmr
Parcel #: Not reported
Parcel size: Not reported
Latitude: 43.409843
Longitude: -83.950173
Region: 5
HCM label: Address Matching-House Number
Map scale: 100000
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 12595
Start date: 6/30/2001
Completed date: 6/30/2001
Accomplishment type: Phase I Environmental Assessment
Accomplishment (acres): Not reported
Ownership entity: Not reported
Current use: Not reported
Current owner: Not reported
Future use: Not reported
Past use flag: Not reported

Actual:
602 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CMR (Continued)

1006882497

Future use flag: Not reported
Cleanup required: Not reported
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Not reported
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: Unknown
IC required flag: Not reported
NFA issue date: Not reported
State and tribal program date: Not reported
State and tribal program ID: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water affected: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
Unknwon cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported

Property Description: railroad right of way

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

24
NNW
1/4-1/2
0.499 mi.
2637 ft.

FORMER CSX PROPERTY
ATWATER / FRANKLIN
SAGINAW, MI

BEA S106174409
N/A

Relative:
Lower

BEA:
Secondary Address: Not reported
BEA Number: 589
District: Saginaw Bay
Date Received: 1/16/2004 12:59:00 AM
Submitter Name: Cinderella, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: klannr
Division Assigned: Environmental Response Division

25
East
1/2-1
0.525 mi.
2774 ft.

BOXWOOD ST 1705, SAGINAW
1705 BOXWOOD ST
SAGINAW, MI 48601

SHWS S105144681
N/A

Relative:
Higher

SHWS:
Facility ID: 73000482
Source: Motor Vehicle Parts
SAM Score: 18 out of 48
SAM Score Date: 11/03/2005
Township: 12N
Range: 05E
Section: 30
Quarter: SW
Quarter/Quarter: NW
Facility Status: Inactive - no actions taken to address contamination
Pollutant(s): Acenaphthene

26
NW
1/2-1
0.536 mi.
2833 ft.

THE EAST SAGINAW GAS CO
HOLLAND AVE AND WASHINGTON STREET
SAGINAW, MI 48601

Manufactured Gas Plants 1008408149
N/A

Relative:
Lower

Manufactured Gas Plants:
Alternate Name: CONSUMERS POWER CO.

Actual:
593 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G27
East
1/2-1
0.581 mi.
3066 ft.
WICKES ENGINEERING
1621 E HOLLAND AVE
SAGINAW, MI 48601
Site 1 of 2 in cluster G

SHWS **S103084696**
N/A

Relative: SHWS:
Equal Facility ID: 73000039
Source: Not reported
Actual: SAM Score: 34 out of 48
608 ft. SAM Score Date: 06/22/2004
Township: 12N
Range: 05E
Section: 30
Quarter: NW
Quarter/Quarter: SE
Facility Status: **Interim Response in progress**
Pollutant(s): 1,1,1 TCA; 1,1 DCA; 1,2 DCA; TCM; TCE; VC

G28
East
1/2-1
0.581 mi.
3066 ft.
U.S. GRAPHITE
1621 E. HOLLAND
SAGINAW, MI 48601
Site 2 of 2 in cluster G

SHWS **S105144676**
N/A

Relative: SHWS:
Equal Facility ID: 73000417
Source: Carbon & Graphite Products
Actual: SAM Score: 31 out of 48
608 ft. SAM Score Date: 06/29/2004
Township: 12N
Range: 05E
Section: 30
Quarter: NW
Quarter/Quarter: SE
Facility Status: **Interim Response in progress**
Pollutant(s): PCB's; Metals; PNAs; Solvents

29
NNW
1/2-1
0.581 mi.
3068 ft.
WASHINGTON AVE. 1137 S., SAGINAW
1137 S. WASHINGTON AVE.
SAGINAW, MI 48601

SHWS **S108330834**
N/A

Relative: SHWS:
Lower Facility ID: 73000626
Source: Not reported
Actual: SAM Score: 21 out of 48
595 ft. SAM Score Date: 03/27/2006
Township: 12N
Range: 04E
Section: 25
Quarter: NE
Quarter/Quarter: NW
Facility Status: **Inactive - no actions taken to address contamination**
Pollutant(s): Mn

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

30
WSW
1/2-1
0.597 mi.
3151 ft.

SAGINAW VALLEY ZOOLOGICAL SOCIETY
1730 S. WASHINGTON
SAGINAW, MI 48601

SHWS S108228900
N/A

Relative:
Lower

SHWS:
 Facility ID: 73000515
 Source: Railroad Transportation
 SAM Score: 18 out of 48
 SAM Score Date: 03/18/2005
 Township: 12N
 Range: 4E
 Section: 25
 Quarter: SW
 Quarter/Quarter: SE
Facility Status: Inactive - no actions taken to address contamination
 Pollutant(s): As; Pb; Metals

31
North
1/2-1
0.736 mi.
3884 ft.

WASHINGTON AVE. 927 S., SAGINAW
927 S. WASHINGTON
SAGINAW, MI 48601

SHWS S108330831
N/A

Relative:
Lower

SHWS:
 Facility ID: 73000623
 Source: Nonclassifiable Establishments
 SAM Score: 21 out of 48
 SAM Score Date: 07/18/2006
 Township: 12N
 Range: 04E
 Section: 24
 Quarter: SE
 Quarter/Quarter: SW
Facility Status: Inactive - no actions taken to address contamination
 Pollutant(s): As; Fluoranthene; Phenanthrene

32
East
1/2-1
0.750 mi.
3959 ft.

HOLLAND AVE. 1900 E., SAGINAW
1900 E. HOLLAND AVE.
SAGINAW, MI 48601

SHWS S108330829
N/A

Relative:
Higher

SHWS:
 Facility ID: 73000621
 Source: Paper and Allied Products
 SAM Score: 22 out of 48
 SAM Score Date: 07/14/2006
 Township: 12N
 Range: 05E
 Section: 30
 Quarter: SW
 Quarter/Quarter: NE
Facility Status: Inactive - no actions taken to address contamination
 Pollutant(s): Benzo(a)pyrene; Metals

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

33 NW 1/2-1 0.805 mi. 4252 ft.	NAT ASSOC OF PHYSICALLY HANDICAP 1151 N. NIAGARA SAGINAW, MI 48602	SHWS	S105144684 N/A
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Relative: Lower	SHWS: Facility ID: 73000487 Source: Transformers SAM Score: 28 out of 48 SAM Score Date: 06/18/2004 Township: 12N Range: 04E Section: 24 Quarter: SW Quarter/Quarter: SW Facility Status: Inactive - no actions taken to address contamination Pollutant(s): PCB's
Actual: 589 ft.	

34 NNW 1/2-1 0.834 mi. 4401 ft.	NIAGARA ST. 1246 N., SAGINAW 1246 N. NIAGARA ST. SAGINAW, MI 48602	SHWS	S108330837 N/A
--	---	-------------	---------------------------------

Relative: Lower	SHWS: Facility ID: 73000634 Source: Lumber & Wood Products SAM Score: 34 out of 48 SAM Score Date: 07/14/2006 Township: 12N Range: 04E Section: 24 Quarter: SW Quarter/Quarter: NE Facility Status: Inactive - no actions taken to address contamination Pollutant(s): As; Phenanthrene
Actual: 589 ft.	

35 NW 1/2-1 0.834 mi. 4405 ft.	TREASURE ISLAND 924 N NIAGARA ST SAGINAW, MI 48602	BROWNFIELDS	SHWS	S107135962 N/A
---	---	--------------------	-------------	---------------------------------

Relative: Lower	SHWS: Facility ID: 73000063 Source: Gasoline Service Station SAM Score: 32 out of 48 SAM Score Date: 10/12/2006 Township: 12N Range: 04E Section: 25 Quarter: NW Quarter/Quarter: NW Facility Status: See Leaking Underground Storage Tank Site Database Pollutant(s): 1,2,4 TMB; 1,3,5 TMB; Benzene; Ethylbenzene; Toluene; Xylenes
Actual: 589 ft.	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TREASURE ISLAND (Continued)

S107135962

BROWNFIELD:

Facility ID: 50001509
Region: 1
Status: Closed ST
Property Use: Not reported
BEA: A
Ernie Id Number: 73000063
Redevelop Status: Not reported
Before Redevelopment: Not reported
After Redevelopment: [Photo](images/5001509 after 1.jpg target=photoviewer)

36
North
1/2-1
0.837 mi.
4420 ft.

WATER ST. 832 S., SAGINAW
832 S. WATER ST.
SAGINAW, MI 48601

SHWS S108330836
N/A

Relative:
Lower

SHWS:

Facility ID: 73000633
Source: Petroleum Products
SAM Score: 30 out of 48
SAM Score Date: 07/14/2006
Township: 12N
Range: 04E
Section: 24
Quarter: SE
Quarter/Quarter: SW
Facility Status: Inactive - no actions taken to address contamination
Pollutant(s): Phenanthrene; TCE

Actual:
594 ft.

37
West
1/2-1
0.864 mi.
4564 ft.

OJIBWAY ISLAND (NORTH END)
101 EZRA RUST DRIVE
SAGINAW, MI 48603

SHWS S108228917
N/A

Relative:
Lower

SHWS:

Facility ID: 73000604
Source: Nonclassifiable Establishments
SAM Score: 24 out of 48
SAM Score Date: 12/15/2005
Township: 12N
Range: 04E
Section: 25
Quarter: NW
Quarter/Quarter: NW
Facility Status: Inactive - no actions taken to address contamination
Pollutant(s): As; Pb

Actual:
586 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

38
SSE
1/2-1
0.887 mi.
4682 ft.

2322 GALLAGHER STREET
SAGINAW, MI

BEA S105767957
DEL SHWS N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 132
District: Saginaw Bay
Date Received: 4/1/1998
Submitter Name: Ronald S. Kudek/Donald Mason
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Actual:
609 ft.

DELETED HWS:
Facility ID: 73000488
Status: Delisted - no longer meets criteria specified in rules

39
South
1/2-1
0.925 mi.
4884 ft.

LUFKIN RULE
1730 HESS
SAGINAW, MI 48601

SHWS S105144677
N/A

Relative:
Lower

SHWS:
Facility ID: 73000449
Source: Hardware
SAM Score: 17 out of 48
SAM Score Date: 11/01/2004
Township: 12N
Range: 04E
Section: 36
Quarter: SE
Quarter/Quarter: NW
Facility Status: Interim Response conducted - No further activities anticipated
Pollutant(s): PCB's; CFC-11; PNAs

Actual:
605 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BAY CITY	U003866508	STEVENS VAN LINES, INC	3780 EUCLID AVE	48601	UST
BAY CITY	S105213360	STEVENS VAN LINES, INC	3780 EUCLID AVE	48601	LUST
SAGINAW	1003873106	RUBEN SCHULTZ-FORMER TANNERY	1000, 1115 & 1225 N. WASHINGTON	48601	CERC-NFRAP
SAGINAW	S108488258	WASHINGTON 1009, 1111, 1113 N., SA	1009, 1111, 1113, / 1117 N.		SHWS
SAGINAW	S104910717	1807 & 1811 S. JEFFERSON AVE.	1807 / 1811 S. JEFFERSON AVE		BEA
SAGINAW	S108228906	JEFFERSON AVENUE, 1807-1811 SOUTH	1807 - 1811 SOUTH JEFFERSON	48601	SHWS
SAGINAW	S104910291	FORMER PUMFORD CONSTRUCTION	2115 / 2113 RING STREET		BEA
SAGINAW	S108896115	FEDERAL AVE. 212, 214, 216, & VACA	212, 214, 216 FEDERAL / VACA	48607	SHWS
SAGINAW	1007139877	H R P B CO	220 S 2ND ST	48601	FINDS
SAGINAW	1007101914	H R P B CO	220 S 2ND ST	48601	RCRA-NonGen
SAGINAW	S104910269	FORMER HARRIS CAR WASH	612, 616, 618, 622 / 630 S. WA		BEA
SAGINAW	S105144674	NATIONAL PLATE GLASS	4000-4061 ARTHUR STREET	48602	SHWS, BROWNFIELDS, AUL
SAGINAW	S103084687	GRAND TRUNK RR GENESEE ST	400 BLCK W. GENESEE ST	48607	SHWS
SAGINAW	S108228898	LAPEER AVE., 2300 BLOCK	2300 BLOCK LAPEER AVENUE	48601	SHWS
SAGINAW	S108330828	HOYT, S. WASHINGTON, & FRANKLIN ST	BLOCKS 28, 29, / 51	48607	SHWS
SAGINAW	U003426247	FORMER FIRE TOWER	100 BRISTOL RD	48601	LUST, UST
SAGINAW	S103084741	EMERSON STREET RETENTION BASIN	NW CORNER EMERSON / WATER	48607	SHWS
SAGINAW	S108330832	THOMPSON AND FRANKLIN STREETS	NW CORNER OF THOMPSON / FRAN	48607	SHWS
SAGINAW	S108896114	BUENA VISTA TOWNSHIP LANDFILL	NE CORNER HACK RD. / OUTER D	48601	SHWS
SAGINAW	S103084701	CROW ISLAND LANDFILL	CROW ISLAND	48607	SHWS
SAGINAW	1001404914	ADVANCE RECYCLERS SITE B	720 S FRANKLIN	48601	FINDS, RCRA-NonGen
SAGINAW	S109416783	W. GENESEE BETWN SCHAEFER ST. & N.	W. GENESEE BETWEEN SCHAEFER ST		BEA
SAGINAW	S103084827	W. GENESEE, S. SIDE BTW MICH/SCH	W. GENESEE, S. SIDE, BTW MICH	48602	SHWS
SAGINAW	S109171320		3208 HOLLAND AVE. (M-46)	48601	BEA
SAGINAW	1007096987	WOLVERINE STATE BAPTIST CONVENTION	615 S JEFFERSON	48601	RCRA-CESQG
SAGINAW	S108228902	NIAGARA STREET 100 - 1000	100-1000 NIAGARA	48602	SHWS
SAGINAW	S103084795	NIAGARA STREET, BLOCK 25	NIAGARA / AMES	48602	SHWS
SAGINAW	S103084797	NIAGARA STREET BLOCK 30	NIAGARA / MADISON	48602	SHWS
SAGINAW	S108228904	NIAGARA RD., 1900 N.	1900 NIAGARA ST	48602	SHWS
SAGINAW	S108228893	FRATERNAL ORDER OF POLICE	1120 SOUTH NIAGRA STREET	48602	SHWS
SAGINAW	S103594664	SCA SAGINAW TWP LF	1810 O'CONNOR ROAD	48602	SHWS
SAGINAW	S104005118	CSX FORMER GM NODULAR IRON YARD	NORTH OF 2619 N. WASHINGTON	48601	SHWS
SAGINAW	S104910286	PARCEL B - 1700-2000 HESS AVE.	PARCEL B - 1700-2000 HESS AVE.		BEA
SAGINAW	S105576426	LAMBERT SANITARY LANDFILL	SEE LOCATION DESCRIPTION	48601	SWF/LF
SAGINAW	1011988349	SAGINAW COUNTY H.W. BRO	UNKNOWN		FINDS
SAGINAW	S108896121	WADSWORTH AVE. 2003, SAGINAW	2003 WADSWORTH AVE.	48601	SHWS
ZILWAUKEE	S103084815	MDOT M13 RAMPS	M13 RAMP FOR I 75	48601	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: N/A
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 01/09/2009	Source: EPA
Date Data Arrived at EDR: 01/30/2009	Telephone: 703-412-9810
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 07/14/2009
Number of Days to Update: 101	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 06/15/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2009	Source: EPA
Date Data Arrived at EDR: 04/02/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/01/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 109

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/21/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

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

Date of Government Version: 05/15/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 2

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/20/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 07/21/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 3

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/11/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 06/11/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-6597
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/20/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6271
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/15/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/04/2009	Source: EPA Region 10
Date Data Arrived at EDR: 06/05/2009	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

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

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/11/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 13

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 03/11/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/13/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 12

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/22/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 05/17/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-7591
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

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

Date of Government Version: 04/07/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/07/2009	Telephone: 517-373-4828
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 06/22/2009
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

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

Date of Government Version: 06/29/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/29/2009	Telephone: 517-373-4805
Date Made Active in Reports: 07/24/2009	Last EDR Contact: 06/29/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

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

Date of Government Version: 04/09/2007	Source: Economic Development Corporation
Date Data Arrived at EDR: 04/10/2007	Telephone: 888-522-0103
Date Made Active in Reports: 05/01/2007	Last EDR Contact: 07/06/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/14/2008	Telephone: 202-566-2777
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 07/14/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 07/13/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

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

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

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Labs

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

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

Date of Government Version: 05/21/2009
Date Data Arrived at EDR: 05/22/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 3

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 05/21/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Varies

LIENS: Lien List

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

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/15/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 7

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 11/10/2008
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 43

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/16/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 07/02/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 07/02/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

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

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/01/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: 703-416-0223
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 06/15/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 02/19/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/24/2009	Telephone: 303-231-5959
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 06/23/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 06/16/2009
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/14/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/15/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/15/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 03/14/2008	Telephone: 202-564-4203
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 07/14/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 03/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2009	Telephone: 202-564-5088
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 07/13/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 02/26/2009	Source: EPA
Date Data Arrived at EDR: 05/20/2009	Telephone: 202-566-0500
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/05/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/02/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/24/2009	Telephone: 301-415-7169
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 06/29/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 04/28/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2009	Telephone: 202-343-9775
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 07/28/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/28/2009	Source: EPA
Date Data Arrived at EDR: 05/01/2009	Telephone: (312) 353-2000
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 06/29/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 23

Source: Department of Environmental Quality
Telephone: 517-241-1515
Last EDR Contact: 05/19/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/18/2009
Date Data Arrived at EDR: 03/17/2009
Date Made Active in Reports: 04/01/2009
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

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

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 23

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 10/26/2009
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

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

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 07/17/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

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

Date of Government Version: 06/11/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/24/2009
Number of Days to Update: 12

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 04/13/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 03/19/2009
Number of Days to Update: 98

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 07/21/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 08/04/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/22/2009
Date Data Arrived at EDR: 05/27/2009
Date Made Active in Reports: 07/01/2009
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/06/2009
Next Scheduled EDR Contact: 10/05/2009
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

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

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

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

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER HOWARD W/H - VACANT LAND - SITE ID 1005
700 GAREY STREET
SAGINAW, MI 48601

TARGET PROPERTY COORDINATES

Latitude (North):	43.41370 - 43° 24' 49.3"
Longitude (West):	83.9421 - 83° 56' 31.6"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	261796.7
UTM Y (Meters):	4810746.5
Elevation:	608 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	43083-D8 SAGINAW, MI
Most Recent Revision:	1973

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

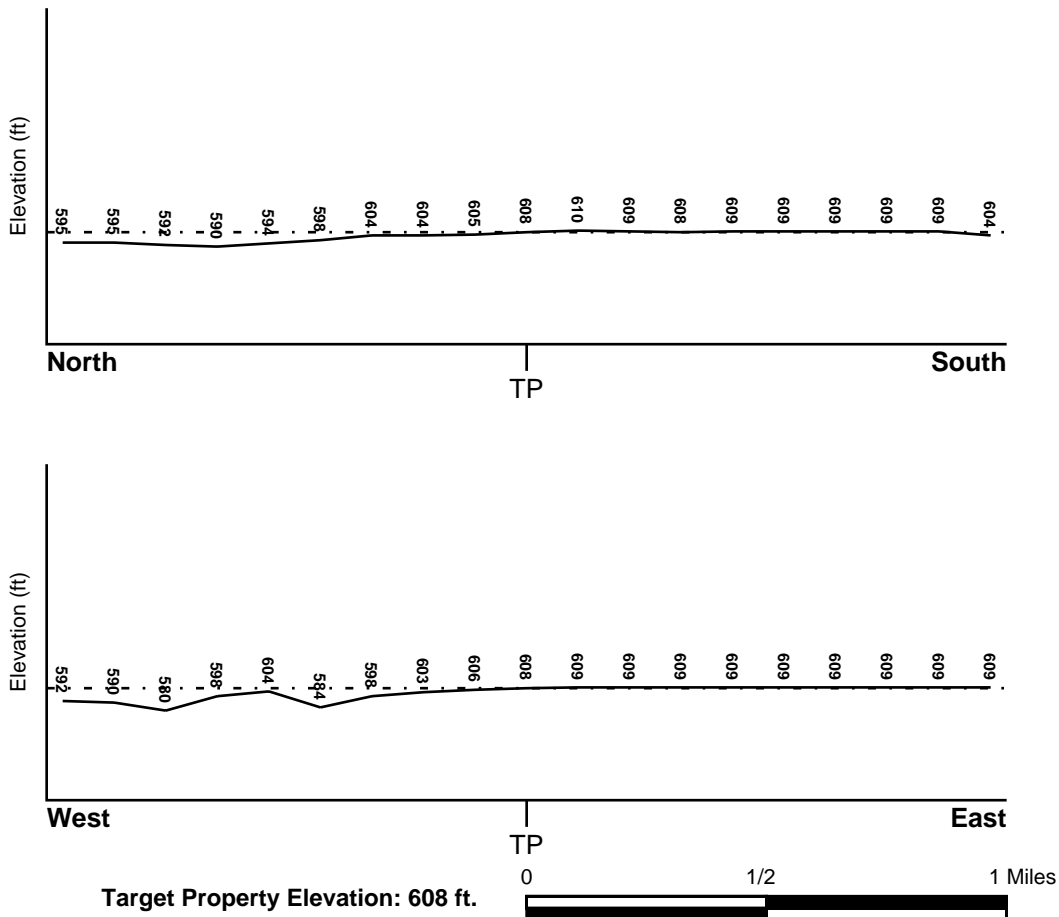
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> SAGINAW, MI	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
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Flood Plain Panel at Target Property: 26145C0135D

Additional Panels in search area: 26145C0140D

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SAGINAW	NWI Electronic <u>Data Coverage</u> Not Available
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/8 - 1/4 Mile SSW	Not Reported
4	1/4 - 1/2 Mile ESE	Not Reported
A5	1/4 - 1/2 Mile NNW	W
9	1/2 - 1 Mile ESE	Not Reported
12	1/2 - 1 Mile NNW	E
14	1/2 - 1 Mile North	Not Reported
B17	1/2 - 1 Mile North	N,NE,E
18	1/2 - 1 Mile East	N
C19	1/2 - 1 Mile SSE	Not Reported

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
B21	1/2 - 1 Mile North	Not Reported

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

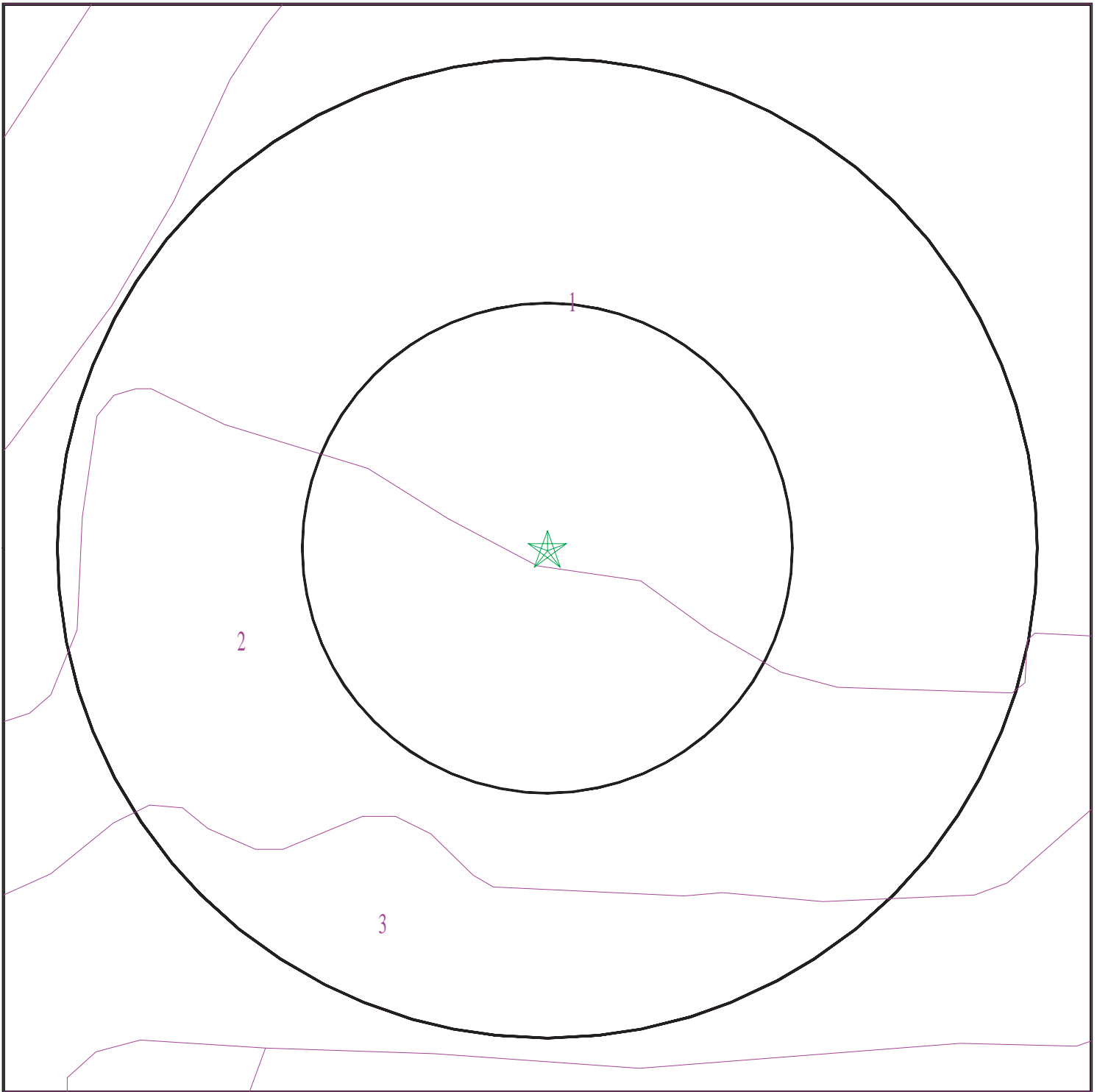
Era: Paleozoic
System: Pennsylvanian
Series: Atokan and Morrowan Series
Code: PP1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

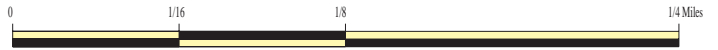
Category: Stratified Sequence

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

SSURGO SOIL MAP - 02559388.38r



- ★ Target Property
- ~ SSURGO Soil
- ~ Water



SITE NAME: Former Howard W/H - Vacant Land - Site ID 1005
ADDRESS: 700 Garey Street
Saginaw MI 48601
LAT/LONG: 43.4137 / 83.9421

CLIENT: LFR Inc
CONTACT: Rich Mall
INQUIRY #: 02559388.38r
DATE: August 07, 2009 10:36 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Udorthents

Soil Surface Texture: loam

Hydrologic Group: Not reported

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

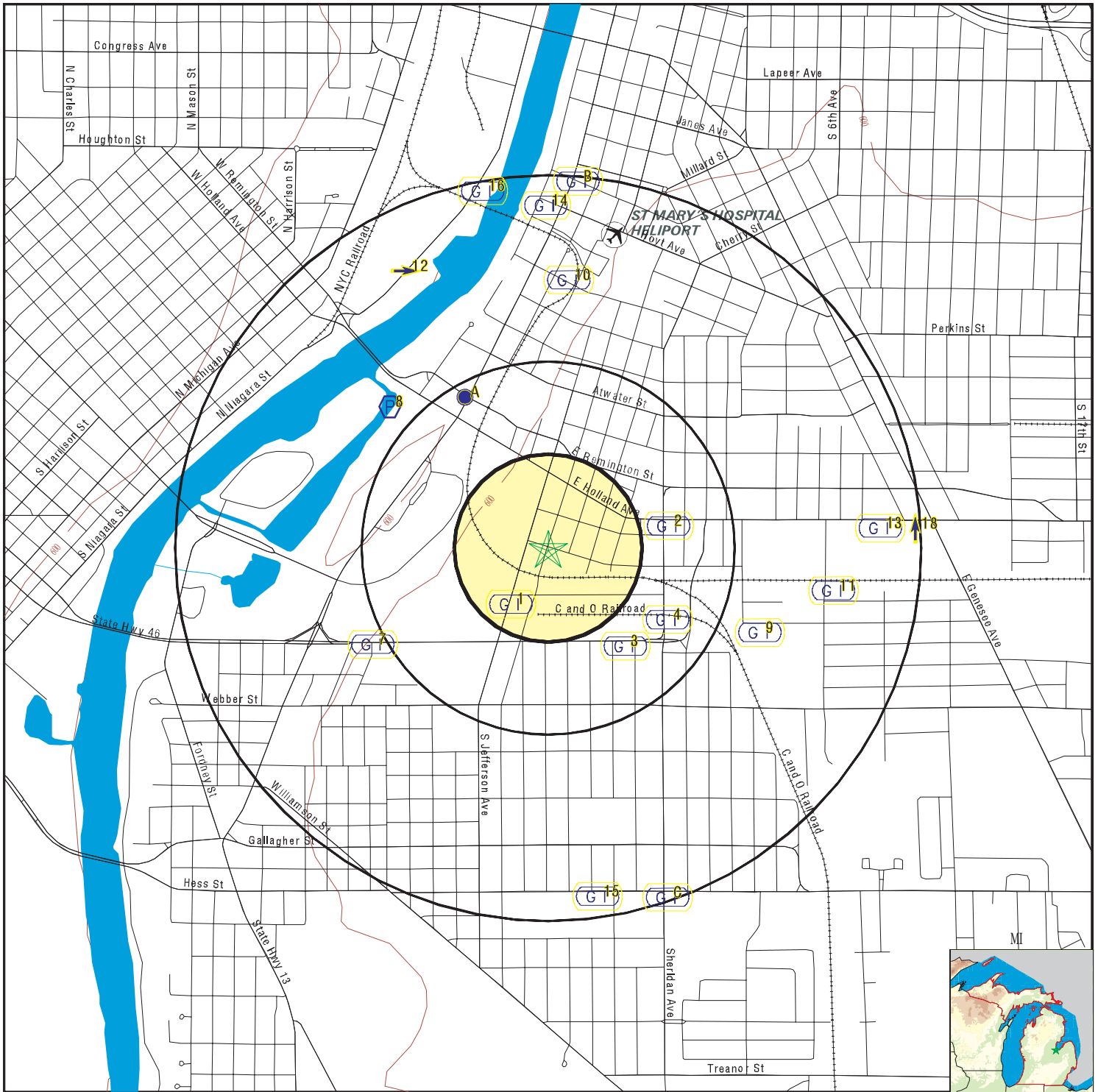
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
8	MI0005850	1/2 - 1 Mile NW

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 02559388.38r



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

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



SITE NAME: Former Howard W/H - Vacant Land - Site ID 1005
 ADDRESS: 700 Garey Street
 Saginaw MI 48601
 LAT/LONG: 43.4137 / 83.9421

CLIENT: LFR Inc
 CONTACT: Rich Mall
 INQUIRY #: 02559388.38r
 DATE: August 07, 2009 10:36 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
SSW
1/8 - 1/4 Mile
Higher

Site ID:	730258		
Groundwater Flow:	Not Reported	AQUIFLOW	28136
Shallowest Water Table Depth:	Not Reported		
Deepest Water Table Depth:	5 ft		
Average Water Table Depth:	Not Reported		
Date:	09/22/1995		

4
ESE
1/4 - 1/2 Mile
Higher

Site ID:	0117922518		
Groundwater Flow:	Not Reported	AQUIFLOW	35543
Shallowest Water Table Depth:	7		
Deepest Water Table Depth:	10.6		
Average Water Table Depth:	Not Reported		
Date:	03/31/1992		

A5
NNW
1/4 - 1/2 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	W	AQUIFLOW	28156
Shallowest Water Table Depth:	Not Reported		
Deepest Water Table Depth:	Not Reported		
Average Water Table Depth:	Not Reported		
Date:	10/22/1997		

8
NW
1/2 - 1 Mile
Lower

FRDS PWS MI0005850

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7022		
Facility name:	KOCHVILLE RAW WATER RESERVOIR EAST		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7023		
Facility name:	KOCHVILLE RAW WATER RESERVOIR WEST		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7024		
Facility name:	LAKE LINTON RAW WATER RESERVOIR		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7025		
Facility name:	FILTER CLEARWELL		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7026		
Facility name:	FINISHED WATER RESERVOIR 1		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7027		
Facility name:	FINISHED WATER RESERVOIR 2		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7028		
Facility name:	GRATIOT RD PUMP STATION STORAGE		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7029		
Facility name:	AQUA PLACE		
Facility type:	Storage	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4675		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	fluoridation
Treatment objective:	other		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7028		
Facility name:	GRATIOT RD PUMP STATION STORAGE		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7029		
Facility name:	AQUA PLACE		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4675		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5217		
Facility name:	CONNECTION TO SAG-MID		
Facility type:	Consecutive_connection	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6200		
Facility name:	WATER TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7022		
Facility name:	KOCHVILLE RAW WATER RESERVOIR EAST		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7023		
Facility name:	KOCHVILLE RAW WATER RESERVOIR WEST		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7024		
Facility name:	LAKE LINTON RAW WATER RESERVOIR		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7023		
Facility name:	KOCHVILLE RAW WATER RESERVOIR WEST		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7024		
Facility name:	LAKE LINTON RAW WATER RESERVOIR		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7025		
Facility name:	FILTER CLEARWELL		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7026		
Facility name:	FINISHED WATER RESERVOIR 1		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7027		
Facility name:	FINISHED WATER RESERVOIR 2		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7028		
Facility name:	GRATIOT RD PUMP STATION STORAGE		
Facility type:	Storage	Treatment process:	sedimentation
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4675		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5217		
Facility name:	CONNECTION TO SAG-MID		
Facility type:	Consecutive_connection	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6200		
Facility name:	WATER TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5217		
Facility name:	CONNECTION TO SAG-MID		
Facility type:	Consecutive_connection	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6200		
Facility name:	WATER TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7022		
Facility name:	KOCHVILLE RAW WATER RESERVOIR EAST		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7023		
Facility name:	KOCHVILLE RAW WATER RESERVOIR WEST		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7024		
Facility name:	LAKE LINTON RAW WATER RESERVOIR		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Contact phone:	989-759-1610	Contact city:	SAGINAW
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7025		
Facility name:	FILTER CLEARWELL		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Contact phone:	989-759-1610	Contact city:	SAGINAW
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7026		
Facility name:	FINISHED WATER RESERVOIR 1		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Contact phone:	989-759-1610	Contact city:	SAGINAW
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7027		
Facility name:	FINISHED WATER RESERVOIR 2		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7028		
Facility name:	GRATIOT RD PUMP STATION STORAGE		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7029		
Facility name:	AQUA PLACE		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4675		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	coagulation
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5217		
Facility name:	CONNECTION TO SAG-MID		
Facility type:	Consecutive_connection	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6200		
Facility name:	WATER TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7022		
Facility name:	KOCHVILLE RAW WATER RESERVOIR EAST		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7023		
Facility name:	KOCHVILLE RAW WATER RESERVOIR WEST		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7024		
Facility name:	LAKE LINTON RAW WATER RESERVOIR		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7025		
Facility name:	FILTER CLEARWELL		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvcconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7026		
Facility name:	FINISHED WATER RESERVOIR 1		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7027		
Facility name:	FINISHED WATER RESERVOIR 2		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7025		
Facility name:	FILTER CLEARWELL		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		
Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7026		
Facility name:	FINISHED WATER RESERVOIR 1		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS	Contact address1:	1701 South Jefferson
Original name:	DARNELL, THOMAS	Contact city:	SAGINAW
Contact phone:	989-759-1610		
Contact address2:	Not Reported		
Contact zip:	48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7027		
Facility name:	FINISHED WATER RESERVOIR 2		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7028		
Facility name:	GRATIOT RD PUMP STATION STORAGE		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		

Pwsid:	MI0005850	Epa region:	05
State:	MI	County:	Saginaw
Pws name:	SAGINAW, CITY OF		
Population Served:	61799	Pwssvconn:	22800
PWS Source:	Purch_surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7029		
Facility name:	AQUA PLACE		
Facility type:	Storage	Treatment process:	filtered
Treatment objective:	particulate removal		
Contact name:	DARNELL, THOMAS		
Original name:	DARNELL, THOMAS		
Contact phone:	989-759-1610	Contact address1:	1701 South Jefferson
Contact address2:	Not Reported	Contact city:	SAGINAW
Contact zip:	48601		

PWS ID:	MI0005850		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	SAGINAW		
	CITY OF SAGINAW		
	1701 SOUTH JEFFERSON		
	SAGINAW, MI 48601		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: Not Reported

Facility Latitude: 43 25 09

Facility Longitude: 083 57 02

City Served: Not Reported

Treatment Class: Mixed (treated and untreated)

Population: 69512

Violations information not reported.

9 ESE 1/2 - 1 Mile Higher	Site ID:	08009891		
	Groundwater Flow:	Not Reported	AQUIFLOW	35531
	Shallowest Water Table Depth:	2 1/2		
	Deepest Water Table Depth:	4		
	Average Water Table Depth:	Not Reported		
	Date:	05/24/1991		
12 NNW 1/2 - 1 Mile Lower	Site ID:	28367		
	Groundwater Flow:	E	AQUIFLOW	28141
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	8		
	Date:	09/23/1998		
14 North 1/2 - 1 Mile Lower	Site ID:	730448		
	Groundwater Flow:	Not Reported	AQUIFLOW	35458
	Shallowest Water Table Depth:	12		
	Deepest Water Table Depth:	22		
	Average Water Table Depth:	Not Reported		
	Date:	11/20/1997		
B17 North 1/2 - 1 Mile Lower	Site ID:	730250		
	Groundwater Flow:	N,NE,E	AQUIFLOW	35642
	Shallowest Water Table Depth:	4		
	Deepest Water Table Depth:	17		
	Average Water Table Depth:	Not Reported		
	Date:	02/03/1995		
18 East 1/2 - 1 Mile Higher	Site ID:	730123		
	Groundwater Flow:	N	AQUIFLOW	28140
	Shallowest Water Table Depth:	3 ft		
	Deepest Water Table Depth:	5 ft		
	Average Water Table Depth:	Not Reported		
	Date:	09/30/1996		
C19 SSE 1/2 - 1 Mile Higher	Site ID:	730165		
	Groundwater Flow:	Not Reported	AQUIFLOW	35634
	Shallowest Water Table Depth:	1.14		
	Deepest Water Table Depth:	1.76		
	Average Water Table Depth:	Not Reported		
	Date:	04/29/1993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

B21
North
1/2 - 1 Mile
Lower

Site ID: 730361
Groundwater Flow: Not Reported
Shallowest Water Table Depth: 6
Deepest Water Table Depth: 9
Average Water Table Depth: Not Reported
Date: 03/28/1995

AQUIFLOW 35437

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	48601			NR			
Random	48601	1	10/29/87	LT 0.5			
Random	48601	1	2/20/88	0.8	31.0%		
Random	48601	0	2/10/88	1.1	14.2%		
Random	48601	0	11/4/87	3.4	9.8%		
Geographic	48601	1	4/15/88	0.6	56.7%		
Geographic	48601	0	4/14/88	1.3	15.7%		
Geographic	48601	0	4/14/88	1.5	16.8%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
48601		0.40
48601	<	0.30
48601		1.70
48601		1.80
48601		0.50
48601		2.70
48601		2.10
48601		1.60
48601		2.50
48601		1.00

Federal EPA Radon Zone for SAGINAW County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48601

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.650 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Michigan Department of Natural Resources

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

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

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

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

STREET AND ADDRESS INFORMATION

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